Full & Default Power & DSI 4

GSM850 Ant0 Full power	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 Full power	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.65	16.61	17.50

Band		WCDMA II Ant0 Full power			Tune-up Limit (dBm)	WCDMA IV Ant0 Full power			Tune-up Limit (dBm)	WCDMA V Ant0 Full power			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1736		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.78	22.62	24.00	22.99	23.08	22.92	24.00	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.81	22.71	24.00	23.08	23.12	23.05	24.00	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	21.81	21.82	21.75	23.00	22.02	22.12	22.09	23.00	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.84	21.76	23.00	22.10	22.15	22.03	23.00	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.37	21.17	22.50	21.58	21.58	21.60	22.50	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.35	21.16	22.50	21.57	21.65	21.51	22.50	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.85	21.75	23.00	22.13	22.16	22.07	23.00	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.82	21.77	21.72	23.00	22.11	22.06	22.05	23.00	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.33	21.26	22.50	21.57	21.56	21.57	22.50	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.27	21.32	21.24	22.50	21.54	21.56	21.52	22.50	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	21.81	21.80	21.67	23.00	22.09	22.07	22.05	23.00	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.75	19.67	21.00	20.13	20.09	20.06	21.00	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	20.85	20.81	20.73	22.00	21.08	21.15	21.04	22.00	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	19.85	19.82	19.76	21.00	20.10	20.16	20.09	21.00	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	21.84	21.85	21.76	23.00	22.13	22.08	22.00	23.00	22.22	22.30	22.24	23.00

Band 2 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.08	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13	18	5
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.84	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01	18	5
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.76		
10	QPSK	1	49	21.92	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	21.04	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00	18	5
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	20.03	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03	18	5
5	256QAM	12	7	17.09	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.87	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 4 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.14	22.25	22.20	24	0
20	QPSK	1	49	22.05	22.20	22.10		
20	QPSK	1	99	22.10	22.15	22.17		
20	QPSK	50	0	21.15	21.25	21.22	23	1
20	QPSK	50	24	21.09	21.17	21.11		
20	QPSK	50	50	21.14	21.15	21.16		
20	QPSK	100	0	21.15	21.24	21.23		
20	16QAM	1	0	21.09	21.23	21.16	23	1
20	16QAM	1	49	21.08	21.24	21.13		
20	16QAM	1	99	21.13	21.20	21.11		
20	16QAM	50	0	20.12	20.26	20.21	22	2
20	16QAM	50	24	20.03	20.18	20.12		
20	16QAM	50	50	20.10	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10	22	2
20	64QAM	1	49	20.01	20.19	20.09		
20	64QAM	1	99	20.14	20.19	20.07		
20	64QAM	50	0	19.09	19.21	19.20	21	3
20	64QAM	50	24	19.04	19.21	19.07		
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17	19	5
20	256QAM	1	49	17.10	17.17	17.12		
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.24	17.20	19	5
20	256QAM	50	24	17.04	17.26	17.22		
20	256QAM	50	50	17.00	17.25	17.11		
20	256QAM	100	0	17.14	17.24	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.20	22.22	24	0
15	QPSK	1	37	22.12	22.20	22.13		
15	QPSK	1	74	22.11	22.19	22.10		
15	QPSK	36	0	21.26	21.29	21.16	23	1
15	QPSK	36	20	21.11	21.26	21.13		
15	QPSK	36	39	21.09	21.20	21.12		
15	QPSK	75	0	21.24	21.29	21.14		
15	16QAM	1	0	21.20	21.21	21.26	23	1
15	16QAM	1	37	21.11	21.20	21.05		
15	16QAM	1	74	21.07	21.13	21.11		
15	16QAM	36	0	20.22	20.28	20.17	22	2
15	16QAM	36	20	20.17	20.25	20.09		
15	16QAM	36	39	20.06	20.17	20.14		
15	16QAM	75	0	20.22	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27	22	2
15	64QAM	1	37	20.05	20.23	20.10		
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16	21	3
15	64QAM	36	20	19.19	19.26	19.21		
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17	19	5
15	256QAM	1	37	17.13	17.25	17.14		
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17	19	5
15	256QAM	36	20	17.12	17.21	17.27		
15	256QAM	36	39	17.13	17.21	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.19	22.23	22.22	24	0
10	QPSK	1	25	22.11	22.22	22.10		
10	QPSK	1	49	22.12	22.22	22.13		
10	QPSK	25	0	21.22	21.28	21.19	23	1
10	QPSK	25	12	21.10	21.21	21.15		
10	QPSK	25	25	21.09	21.21	21.15		
10	QPSK	50	0	21.25	21.29	21.19		
10	16QAM	1	0	21.21	21.22	21.24	23	1
10	16QAM	1	25	21.07	21.19	21.07		
10	16QAM	1	49	21.05	21.18	21.13		
10	16QAM	25	0	20.24	20.30	20.18	22	2
10	16QAM	25	12	20.16	20.23	20.14		
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.22	20.19		
10	64QAM	1	0	20.15	20.23	20.27	22	2
10	64QAM	1	25	20.08	20.19	20.10		
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15	21	3
10	64QAM	25	12	19.21	19.24	19.20		
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10		
10	256QAM	1	0	17.28	17.30	17.21	19	5
10	256QAM	1	25	17.15	17.25	17.14		
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.20	17.30	17.19	19	5
10	256QAM	25	12	17.17	17.24	17.29		
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
8	QPSK	1	0	22.17	22.20	22.22	24	0
8	QPSK	1	12	22.11	22.21	22.15		
8	QPSK	1	24	22.14	22.20	22.14		
8	QPSK	12	0	21.21	21.27	21.18	23	1
8	QPSK	12	7	21.13	21.23	21.13		
8	QPSK	12	13	21.10	21.23	21.13		
8	QPSK	25	0	21.27	21.26	21.16		
8	16QAM	1	0	21.18	21.24	21.27	23	1
8	16QAM	1	12	21.10	21.20	21.05		
8	16QAM	1	24	21.10	21.16	21.09		
8	16QAM	12	0	20.13	20.31	20.15	22	2
8	16QAM	12	7	20.17	20.23	20.14		
8	16QAM	12	13	20.06	20.18	20.16		
8	16QAM	25	0	20.16	20.28	20.21		
8	64QAM	1	0	20.14	20.28	20.28	22	2
8	64QAM	1	12	20.10	20.22	20.14		
8	64QAM	1	24	20.11	20.19	20.12		
8	64QAM	12	0	19.21	19.23	19.18	21	3
8	64QAM	12	7	19.15	19.22	19.21		
8	64QAM	12	13	19.11	19.22	19.14		
8	64QAM	25	0	19.30	19.31	19.12		
8	256QAM	1	0	17.25	17.27	17.20	19	5
8	256QAM	1	12	17.10	17.28	17.18		
8	256QAM	1	24	17.05	17.24	17.16		
8	256QAM	12	0	17.22	17.33	17.21	19	5
8	256QAM	12	7	17.17	17.29	17.29		
8	256QAM	12	13	17.16	17.20	17.14		
8	256QAM	25	0	17.04	17.10	17.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.20	24	0
3	QPSK	1	8	22.12	22.24	22.12		
3	QPSK	1	14	22.11	22.20	22.15		
3	QPSK	8	0	21.25	21.32	21.18	23	1
3	QPSK	8	4	21.12	21.24	21.11		
3	QPSK	8	7	21.09	21.20	21.16		
3	QPSK	15	0	21.26	21.28	21.18		
3	16QAM	1	0	21.17	21.21	21.26	23	1
3	16QAM	1	8	21.12	21.20	21.08		
3	16QAM	1	14	21.05	21.15	21.10		
3	16QAM	8	0	20.23	20.30	20.15	22	2
3	16QAM	8	4	20.17	20.21	20.15		
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27	22	2
3	64QAM	1	8	20.08	20.19	20.15		
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19	21	3
3	64QAM	8	4	19.16	19.22	19.20		
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07		
3	256QAM	1	0	17.24	17.27	17.18	19	5
3	256QAM	1	8	17.15	17.28	17.13		
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21	19	5
3	256QAM	8	4	17.16	17.22	17.29		
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.19	22.16	24	0
1.4	QPSK	1	3	22.00	22.15	22.10		
1.4	QPSK	1	5	22.05	22.15	22.18		
1.4	QPSK	3	0	22.01	22.08	22.15		
1.4	QPSK	3	1	22.01	22.09	22.03		
1.4	QPSK	3	3	22.05	22.05	22.06		
1.4	QPSK	6	0	21.08	21.26	21.26	23	1
1.4	16QAM	1	0	21.09	21.25	21.18	23	1
1.4	16QAM	1	3	21.05	21.22	21.12		
1.4	16QAM	1	5	21.08	21.18	21.05		
1.4	16QAM	3	0	21.10	21.20	21.18		
1.4	16QAM	3	1	21.02	21.17	21.08		
1.4	16QAM	3	3	21.05	21.15	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	22	2
1.4	64QAM	1	0	20.09	20.18	20.11	22	2
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07		
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.06	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	21	3
1.4	256QAM	1	0	17.04	17.27	17.11	19	5
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16		
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.25	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	19	5

Band 5 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2
10	16QAM	25	12	20.78	20.75	20.58		
10	16QAM	25	25	20.69	20.63	20.54		
10

Band 12 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.84		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.98		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.90	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.66		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.66	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.94	21.90		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

Band 13 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 17 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.83		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.70	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

Band 25 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08	23	0
20	QPSK	1	49	22.00	22.05	21.97		
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17	22	1
20	QPSK	50	24	20.96	21.16	20.91		
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.05		
20	16QAM	1	0	21.16	21.18	21.03	22	1
20	16QAM	1	49	21.03	21.17	20.93		
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01	21	2
20	16QAM	50	24	19.92	20.20	19.87		
20	16QAM	50	50	19.94	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17	21	2
20	64QAM	1	49	20.05	20.05	19.97		
20	64QAM	1	99	19.95	20.15	20.01		
20	64QAM	50	0	19.14	19.16	19.01	20	3
20	64QAM	50	24	18.96	19.24	18.92		
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04	18	5
20	256QAM	1	49	17.01	17.07	16.88		
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14	18	5
20	256QAM	50	24	17.20	17.16	17.14		
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98	23	0
15	QPSK	1	37	21.97	22.00	21.91		
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05	22	1
15	QPSK	36	20	20.89	21.12	20.84		
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00	22	1
15	16QAM	1	37	20.91	21.15	20.89		
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96	21	2
15	16QAM	36	20	19.87	20.11	19.76		
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05	21	2
15	64QAM	1	37	19.91	19.95	19.95		
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88	20	3
15	64QAM	36	20	18.86	19.17	18.78		
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94	18	5
15	256QAM	1	37	16.92	16.96	16.83		
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08	18	5
15	256QAM	36	20	17.14	17.10	17.11		
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06	23	0
10	QPSK	1	25	21.93	21.96	21.84		
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11	22	1
10	QPSK	25	12	20.89	21.08	20.77		
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94	22	1
10	16QAM	1	25	20.93	21.09	20.80		
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98	21	2
10	16QAM	25	12	19.87	20.13	19.84		
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13	21	2
10	64QAM	1	25	19.94	19.99	19.92		
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90	20	3
10	64QAM	25	12	18.82	19.19	18.82		
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99	18	5
10	256QAM	1	25	16.87	17.05	16.77		
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07	18	5
10	256QAM	25	12	17.12	17.09	17.02		
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06	23	0
5	QPSK	1	12	21.88	22.01	21.93		
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09	22	1
5	QPSK	12	7	20.87	21.08	20.84		
5	QPSK	12	13	20.82	20.98	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95	22	1
5	16QAM	1	12	20.99	21.11	20.90		
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96	21	2
5	16QAM	12	7	19.79	20.09	19.82		
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05	21	2
5	64QAM	1	12	19.91	20.03	19.85		
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97	20	3
5	64QAM	12	7	18.91	19.11	18.79		
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01	18	5
5	256QAM	1	12	16.95	17.02	16.80		
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05	18	5
5	256QAM	12	7	17.15	17.11	17.03		
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98	23	0
3	QPSK	1	8	21.90	21.99	21.93		
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04	22	1
3	QPSK	8	4	20.85	21.05	20.79		
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00	22	1
3	16QAM	1	8	20.97	21.10	20.82		
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91	21	2
3	16QAM	8	4	19.86	20.06	19.81		
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08	21	2
3	64QAM	1	8	19.93	19.98	19.91		
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.96	20	3
3	64QAM	8	4	18.91	19.17	18.79		
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94	18	5
3	256QAM	1	8	16.92	16.94	16.83		
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04	18	5
3	256QAM	8	4	17.18	17.05	17.04		
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04	23	0
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89		
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90	22	1
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91		
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13	21	2
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95		
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90	18	5
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85		
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

Band 26 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73	24	0
15	QPSK	1	37	22.64	22.83	22.70		
15	QPSK	1	74	22.66	22.82	22.59		
15	QPSK	36	0	21.81	21.87	21.73	23	1
15	QPSK	36	20	21.68	21.80	21.65		
15	QPSK	36	39	21.62	21.78	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77	23	1
15	16QAM	1	37	21.64	21.88	21.65		
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74	22	2
15	16QAM	36	20	20.63	20.93	20.61		
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78	22	2
15	64QAM	1	37	20.67	20.82	20.70		
15	64QAM	1	74	20.55	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71	21	3
15	64QAM	36	20	19.69	19.87	19.68		
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69	19	5
15	256QAM	1	37	17.67	17.92	17.69		
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.71	17.89	17.68	19	5
15	256QAM	36	20	17.75	17.79	17.76		
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64	24	0
10	QPSK	1	25	22.55	22.70	22.61		
10	QPSK	1	49	22.66	22.75	22.52		
10	QPSK	25	0	21.72	21.77	21.62	23	1
10	QPSK	25	12	21.57	21.74	21.56		
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.60	21.74	21.53		
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65	22	2
10	16QAM	25	12	20.57	20.81	20.49		
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75	22	2
10	64QAM	1	25	20.62	20.70	20.60		
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66	21	3
10	64QAM	25	12	19.54	19.77	19.54		
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61	19	5
10	256QAM	1	25	17.57	17.82	17.61		
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66	19	5
10	256QAM	25	12	17.68	17.65	17.68		
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65	24	0
5	QPSK	1	12	22.53	22.70	22.61		
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58	23	1
5	QPSK	12	7	21.54	21.77	21.56		
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66	23	1
5	16QAM	1	12	21.59	21.81	21.60		
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67	22	2
5	16QAM	12	7	20.59	20.83	20.57		
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70	22	2
5	64QAM	1	12	20.53	20.72	20.61		
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58	21	3
5	64QAM	12	7	19.57	19.82	19.54		
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54	19	5
5	256QAM	1	12	17.55	17.81	17.65		
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68	19	5
5	256QAM	12	7	17.62	17.70	17.72		
5	256QAM	12	13	17.63	17.79	17.46		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63	24	0
3	QPSK	1	8	22.56	22.80	22.59		
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69	23	1
3	QPSK	8	4	21.61	21.77	21.54		
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67	23	1
3	16QAM	1	8	21.55	21.85	21.53		
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.77	22	2
3	16QAM	8	4	20.51	20.88	20.53		
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72	22	2
3	64QAM	1	8	20.63	20.70	20.60		
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58	21	3
3	64QAM	8	4	19.56	19.74	19.61		
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64	19	5
3	256QAM	1	8	17.56	17.88	17.60		
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71	19	5
3	256QAM	8	4	17.65	17.72	17.72		
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68	24	0
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49		
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.46	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65	23	1
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56		
1.4	16QAM	3	0	21.54	21.64	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66	22	2
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55		
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.69	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56	19	5
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48		
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

Band 30 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0

Band 66 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.28	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.16	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131997	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

Band 71 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.66	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.60	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.53	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54	22	2
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

Band 38 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.69	22.76	22.73	24	0
20	QPSK	1	49	22.62	22.72	22.60		
20	QPSK	1	99	22.65	22.70	22.63		
20	QPSK	50	0	21.72	21.81	21.78	23	1
20	QPSK	50	24	21.67	21.71	21.58		
20	QPSK	50	50	21.69	21.75	21.65		
20	QPSK	100	0	21.68	21.79	21.72		
20	16QAM	1	0	21.63	21.76	21.68	23	1
20	16QAM	1	49	21.63	21.72	21.56		
20	16QAM	1	99	21.62	21.65	21.57		
20	16QAM	50	0	20.73	20.78	20.80	22	2
20	16QAM	50	24	20.70	20.74	20.63		
20	16QAM	50	50	20.63	20.70	20.65		
20	16QAM	100	0	20.62	20.81	20.77		
20	64QAM	1	0	20.58	20.79	20.67	22	2
20	64QAM	1	49	20.60	20.77	20.59		
20	64QAM	1	99	20.62	20.67	20.58		
20	64QAM	50	0	19.73	19.81	19.78	21	3
20	64QAM	50	24	19.72	19.70	19.59		
20	64QAM	50	50	19.64	19.79	19.68		
20	64QAM	100	0	19.72	19.75	19.84		
20	256QAM	1	0	17.75	17.81	17.75	19	5
20	256QAM	1	49	17.65	17.72	17.62		
20	256QAM	1	99	17.65	17.72	17.63		
20	256QAM	50	0	17.66	17.84	17.74	19	5
20	256QAM	50	24	17.63	17.79	17.66		
20	256QAM	50	50	17.64	17.72	17.56		
20	256QAM	100	0	17.63	17.68	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.63	22.67	22.60	24	0
15	QPSK	1	37	22.58	22.64	22.56		
15	QPSK	1	74	22.62	22.68	22.51		
15	QPSK	36	0	21.60	21.74	21.67	23	1
15	QPSK	36	20	21.59	21.60	21.48		
15	QPSK	36	39	21.59	21.63	21.56		
15	QPSK	75	0	21.54	21.75	21.71		
15	16QAM	1	0	21.54	21.64	21.64	23	1
15	16QAM	1	37	21.59	21.61	21.46		
15	16QAM	1	74	21.50	21.63	21.49		
15	16QAM	36	0	20.68	20.72	20.73	22	2
15	16QAM	36	20	20.60	20.65	20.52		
15	16QAM	36	39	20.52	20.57	20.61		
15	16QAM	75	0	20.54	20.72	20.71		
15	64QAM	1	0	20.61	20.66	20.61	22	2
15	64QAM	1	37	20.57	20.63	20.52		
15	64QAM	1	74	20.57	20.63	20.47		
15	64QAM	36	0	19.70	19.79	19.68	21	3
15	64QAM	36	20	19.62	19.58	19.46		
15	64QAM	36	39	19.56	19.71	19.58		
15	64QAM	75	0	19.69	19.64	19.71		
15	256QAM	1	0	17.68	17.72	17.62	19	5
15	256QAM	1	37	17.62	17.63	17.51		
15	256QAM	1	74	17.52	17.62	17.57		
15	256QAM	36	0	17.54	17.73	17.66	19	5
15	256QAM	36	20	17.49	17.70	17.56		
15	256QAM	36	39	17.52	17.60	17.54		
15	256QAM	75	0	17.55	17.56	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.58	22.73	22.69	24	0
10	QPSK	1	25	22.50	22.62	22.57		
10	QPSK	1	49	22.51	22.62	22.55		
10	QPSK	25	0	21.64	21.71	21.69	23	1
10	QPSK	25	12	21.53	21.58	21.55		
10	QPSK	25	25	21.57	21.62	21.59		
10	QPSK	50	0	21.55	21.75	21.69		
10	16QAM	1	0	21.51	21.74	21.58	23	1
10	16QAM	1	25	21.49	21.65	21.46		
10	16QAM	1	49	21.55	21.66	21.53		
10	16QAM	25	0	20.66	20.72	20.68	22	2
10	16QAM	25	12	20.68	20.65	20.59		
10	16QAM	25	25	20.56	20.67	20.55		
10	16QAM	50	0	20.53	20.71	20.73		
10	64QAM	1	0	20.48	20.70	20.56	22	2
10	64QAM	1	25	20.55	20.63	20.46		
10	64QAM	1	49	20.54	20.64	20.47		
10	64QAM	25	0	19.71	19.68	19.75	21	3
10	64QAM	25	12	19.67	19.67	19.49		
10	64QAM	25	25	19.52	19.71	19.57		
10	64QAM	50	0	19.67	19.66	19.75		
10	256QAM	1	0	17.65	17.71	17.70	19	5
10	256QAM	1	25	17.58	17.63	17.49		
10	256QAM	1	49	17.59	17.60	17.50		
10	256QAM	25	0	17.56	17.76	17.64	19	5
10	256QAM	25	12	17.53	17.76	17.62		
10	256QAM	25	25	17.57	17.65	17.47		
10	256QAM	50	0	17.58	17.59	17.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.69	22.67	24	0
5	QPSK	1	12	22.57	22.60	22.55		
5	QPSK	1	24	22.58	22.57	22.54		
5	QPSK	12	0	21.66	21.79	21.72	23	1
5	QPSK	12	7	21.62	21.69	21.50		
5	QPSK	12	13	21.60	21.63	21.62		
5	QPSK	25	0	21.65	21.75	21.68		
5	16QAM	1	0	21.55	21.69	21.59	23	1
5	16QAM	1	12	21.59	21.63	21.45		
5	16QAM	1	24	21.51	21.51	21.53		
5	16QAM	12	0	20.70	20.73	20.66	22	2
5	16QAM	12	7	20.59	20.61	20.57		
5	16QAM	12	13	20.58	20.57	20.54		
5	16QAM	25	0	20.59	20.72	20.65		
5	64QAM	1	0	20.49	20.69	20.60	22	2
5	64QAM	1	12	20.55	20.63	20.53		
5	64QAM	1	24	20.57	20.56	20.46		
5	64QAM	12	0	19.70	19.68	19.65	21	3
5	64QAM	12	7	19.69	19.61	19.49		
5	64QAM	12	13	19.60	19.62	19.62		
5	64QAM	25	0	19.62	19.70	19.78		
5	256QAM	1	0	17.68	17.68	17.66	19	5
5	256QAM	1	12	17.54	17.59	17.53		
5	256QAM	1	24	17.55	17.64	17.53		
5	256QAM	12	0	17.58	17.72	17.61	19	5
5	256QAM	12	7	17.50	17.70	17.53		
5	256QAM	12	13	17.53	17.70	17.52		
5	256QAM	25	0	17.51	17.58	17.38		

Band 41 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.38	23.45	23.37	23.41	24	0
20	QPSK	1	49	23.32	23.31	23.43	23.31	23.32		
20	QPSK	1	99	23.29	23.35	23.41	23.24	23.33		
20	QPSK	50	0	22.36	22.36	22.50	22.31	22.45	23	1
20	QPSK	50	24	22.34	22.32	22.44	22.26	22.37		
20	QPSK	50	50	22.25	22.33	22.39	22.20	22.36		
20	QPSK	100	0	22.38	22.36	22.47	22.37	22.37		
20	16QAM	1	0	22.38	22.33	22.45	22.31	22.46	23	1
20	16QAM	1	49	22.32	22.35	22.38	22.35	22.32		
20	16QAM	1	99	22.27	22.41	22.39	22.30	22.34		
20	16QAM	50	0	21.36	21.36	21.44	21.32	21.46	22	2
20	16QAM	50	24	21.39	21.34	21.39	21.25	21.40		
20	16QAM	50	50	21.26	21.32	21.38	21.24	21.31		
20	16QAM	100	0	21.38	21.39	21.52	21.33	21.38		
20	64QAM	1	0	21.41	21.32	21.46	21.26	21.42	22	2
20	64QAM	1	49	21.28	21.39	21.41	21.38	21.38		
20	64QAM	1	99	21.33	21.39	21.36	21.32	21.35		
20	64QAM	50	0	20.33	20.34	20.47	20.26	20.40	21	3
20	64QAM	50	24	20.28	20.37	20.44	20.26	20.43		
20	64QAM	50	50	20.30	20.34	20.34	20.17	20.33		
20	64QAM	100	0	20.32	20.34	20.43	20.33	20.39		
20	256QAM	1	0	18.33	18.34	18.54	18.27	18.41	19	5
20	256QAM	1	49	18.31	18.38	18.42	18.31	18.40		
20	256QAM	1	99	18.27	18.38	18.35	18.15	18.34		
20	256QAM	50	0	18.41	18.35	18.47	18.42	18.41	19	5
20	256QAM	50	24	18.35	18.33	18.45	18.27	18.40		
20	256QAM	50	50	18.37	18.30	18.41	18.41	18.27		
20	256QAM	100	0	18.22	18.46	18.35	18.32	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.37	23.24	23.36	23.25	23.28	24.00	0
15	QPSK	1	37	23.22	23.18	23.32	23.20	23.24		
15	QPSK	1	74	23.24	23.26	23.37	23.21	23.25		
15	QPSK	36	0	22.24	22.25	22.45	22.18	22.37	23	1
15	QPSK	36	20	22.28	22.25	22.42	22.22	22.24		
15	QPSK	36	39	22.18	22.29	22.27	22.07	22.23		
15	QPSK	75	0	22.24	22.33	22.44	22.26	22.30		
15	16QAM	1	0	22.26	22.29	22.33	22.28	22.42	23	1
15	16QAM	1	37	22.19	22.26	22.34	22.22	22.29		
15	16QAM	1	74	22.14	22.37	22.26	22.24	22.23		
15	16QAM	36	0	21.26	21.29	21.37	21.22	21.38	22	2
15	16QAM	36	20	21.35	21.26	21.31	21.20	21.34		
15	16QAM	36	39	21.23	21.21	21.24	21.17	21.22		
15	16QAM	75	0	21.26	21.32	21.46	21.30	21.35		
15	64QAM	1	0	21.39	21.25	21.34	21.24	21.29	22	2
15	64QAM	1	37	21.23	21.28	21.37	21.26	21.25		
15	64QAM	1	74	21.27	21.34	21.29	21.25	21.30		
15	64QAM	36	0	20.23	20.23	20.42	20.13	20.37	21	3
15	64QAM	36	20	20.23	20.26	20.31	20.18	20.32		
15	64QAM	36	39	20.18	20.32	20.31	20.12	20.25		
15	64QAM	75	0	20.22	20.24	20.32	20.30	20.33		
15	256QAM	1	0	18.24	18.21	18.44	18.24	18.32	19	5
15	256QAM	1	37	18.22	18.34	18.40	18.29	18.26		
15	256QAM	1	74	18.17	18.29	18.25	18.06	18.21		
15	256QAM	36	0	18.28	18.24	18.33	18.37	18.36	19	5
15	256QAM	36	20	18.23	18.23	18.33	18.24	18.32		
15	256QAM	36	39	18.33	18.19	18.36	18.38	18.14		
15	256QAM	75	0	18.15	18.38	18.23	18.28	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.32	23.35	23.35	23.32	23.35	24.00	0
10	QPSK	1	25	23.21	23.18	23.39	23.22	23.28		
10	QPSK	1	49	23.27	23.27	23.31	23.18	23.29		
10	QPSK	25	0	22.33	22.24	22.48	22.25	22.32	23	1
10	QPSK	25	12	22.23	22.21	22.35	22.12	22.32		
10	QPSK	25	25	22.19	22.20	22.27	22.10	22.31		
10	QPSK	50	0	22.29	22.31	22.44	22.31	22.31		
10	16QAM	1	0	22.25	22.30	22.37	22.28	22.36	23	1
10	16QAM	1	25	22.19	22.29	22.34	22.32	22.25		
10	16QAM	1	49	22.17	22.33	22.27	22.24	22.24		
10	16QAM	25	0	21.32	21.29	21.40	21.24	21.43	22	2
10	16QAM	25	12	21.27	21.22	21.33	21.22	21.34		
10	16QAM	25	25	21.15	21.29	21.33	21.21	21.17		
10	16QAM	50	0	21.32	21.25	21.48	21.29	21.24		
10	64QAM	1	0	21.36	21.23	21.43	21.14	21.35	22	2
10	64QAM	1	25	21.24	21.32	21.35	21.27	21.33		
10	64QAM	1	49	21.25	21.34	21.33	21.21	21.28		
10	64QAM	25	0	20.27	20.22	20.41	20.17	20.27	21	3
10	64QAM	25	12	20.16	20.29	20.40	20.17	20.35		
10	64QAM	25	25	20.24	20.28	20.26	20.05	20.30		
10	64QAM	50	0	20.28	20.27	20.37	20.22	20.33		
10	256QAM	1	0	18.19	18.22	18.50	18.23	18.33	19	5
10	256QAM	1	25	18.26	18.31	18.29	18.21	18.33		
10	256QAM	1	49	18.23	18.33	18.27	18.05	18.30		
10	256QAM	25	0	18.32	18.24	18.42	18.32	18.37	19	5
10	256QAM	25	12	18.30	18.29	18.34	18.24	18.32		
10	256QAM	25	25	18.29	18.18	18.28	18.29	18.14		
10	256QAM	50	0	18.16	18.35	18.23	18.24	18.25		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.35	23.26	23.37	23.26	23.29	24.00	0
5	QPSK	1	12	23.26	23.25	23.37	23.17	23.27		
5	QPSK	1	24	23.19	23.25	23.37	23.12	23.20		
5	QPSK	12	0	22.23	22.29	22.44	22.27	22.41	23	1
5	QPSK	12	7	22.23	22.27	22.30	22.14	22.28		
5	QPSK	12	13	22.13	22.27	22.36	22.12	22.28		
5	QPSK	25	0	22.27	22.26	22.35	22.23	22.28		
5	16QAM	1	0	22.33	22.27	22.42	22.26	22.40	23	1
5	16QAM	1	12	22.21	22.26	22.24	22.23	22.18		
5	16QAM	1	24	22.19	22.37	22.32	22.27	22.22		
5	16QAM	12	0	21.29	21.33	21.32	21.20	21.43	22	2
5	16QAM	12	7	21.30	21.29	21.37	21.18	21.37		
5	16QAM	12	13	21.16	21.18	21.27	21.13	21.27		
5	16QAM	25	0	21.34	21.26	21.47	21.30	21.32		
5	64QAM	1	0	21.37	21.20	21.39	21.20	21.30	22	2
5	64QAM	1	12	21.17	21.29	21.29	21.26	21.27		
5	64QAM	1	24	21.31	21.26	21.27	21.22	21.26		
5	64QAM	12	0	20.31	20.20	20.41	20.17	20.35	21	3
5	64QAM	12	7	20.15	20.25	20.37	20.23	20.40		
5	64QAM	12	13	20.21	20.28	20.25	20.14	20.23		
5	64QAM	25	0	20.28	20.23	20.38	20.20	20.35		
5	256QAM	1	0	18.26	18.27	18.50	18.15	18.32	19	5
5	256QAM	1	12	18.28	18.27	18.30	18.28	18.29		
5	256QAM	1	24	18.17	18.32	18.21	18.05	18.22		
5	256QAM	12	0	18.32	18.27	18.42	18.37	18.32	19	5
5	256QAM	12	7	18.23	18.23	18.32	18.20	18.29		
5	256QAM	12	13	18.29	18.26	18.33	18.33	18.13		
5	256QAM	25	0	18.19	18.40	18.23	18.21	18.17		

Band 41 HPUE Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.46	25.33	25.50	25.41	25.36	27	0
20	QPSK	1	49	25.35	25.34	25.41	25.28	25.38		
20	QPSK	1	99	25.25	25.31	25.41	25.24	25.30		
20	QPSK	50	0	24.36	24.41	24.51	24.29	24.43	26	1
20	QPSK	50	24	24.37	24.28	24.46	24.23	24.35		
20	QPSK	50	50	24.25	24.36	24.39	24.18	24.31		
20	QPSK	100	0	24.43	24.33	24.48	24.42	24.35		
20	16QAM	1	0	24.36	24.31	24.46	24.32	24.41	26	1
20	16QAM	1	49	24.28	24.35	24.38	24.40	24.27		
20	16QAM	1	99	24.21	24.40	24.37	24.29	24.32		
20	16QAM	50	0	23.42	23.38	23.39	23.31	23.44	25	2
20	16QAM	50	24	23.34	23.30	23.37	23.28	23.45		
20	16QAM	50	50	23.24	23.38	23.38	23.21	23.30		
20	16QAM	100	0	23.33	23.42	23.50	23.28	23.34		
20	64QAM	1	0	23.37	23.35	23.41	23.22	23.45	25	2
20	64QAM	1	49	23.33	23.44	23.37	23.38	23.42		
20	64QAM	1	99	23.35	23.36	23.34	23.32	23.33		
20	64QAM	50	0	22.32	22.30	22.44	22.28	22.42	24	3
20	64QAM	50	24	22.32	22.37	22.49	22.20	22.37		
20	64QAM	50	50	22.29	22.31	22.39	22.13	22.37		
20	64QAM	100	0	22.35	22.33	22.48	22.36	22.37		
20	256QAM	1	0	20.30	20.34	20.56	20.29	20.45	22	5
20	256QAM	1	49	20.29	20.40	20.41	20.35	20.44		
20	256QAM	1	99	20.23	20.33	20.33	20.18	20.38		
20	256QAM	50	0	20.42	20.35	20.51	20.36	20.42	22	5
20	256QAM	50	24	20.29	20.34	20.46	20.28	20.42		
20	256QAM	50	50	20.42	20.35	20.37	20.44	20.25		
20	256QAM	100	0	20.18	20.46	20.35	20.37	20.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.41	25.28	25.43	25.36	25.26	27.00	0
15	QPSK	1	37	25.29	25.29	25.38	25.21	25.36		
15	QPSK	1	74	25.15	25.24	25.31	25.15	25.19		
15	QPSK	36	0	24.28	24.29	24.42	24.17	24.34	26	1
15	QPSK	36	20	24.31	24.20	24.43	24.19	24.22		
15	QPSK	36	39	24.13	24.28	24.32	24.07	24.27		
15	QPSK	75	0	24.40	24.28	24.42	24.29	24.30		
15	16QAM	1	0	24.27	24.19	24.44	24.19	24.32	26	1
15	16QAM	1	37	24.21	24.23	24.25	24.38	24.22		
15	16QAM	1	74	24.11	24.28	24.25	24.23	24.28		
15	16QAM	36	0	23.28	23.31	23.30	23.18	23.40	25	2
15	16QAM	36	20	23.21	23.23	23.34	23.20	23.34		
15	16QAM	36	39	23.13	23.33	23.30	23.16	23.28		
15	16QAM	75	0	23.23	23.35	23.38	23.26	23.25		
15	64QAM	1	0	23.32	23.29	23.38	23.13	23.31	25	2
15	64QAM	1	37	23.30	23.41	23.30	23.36	23.32		
15	64QAM	1	74	23.29	23.27	23.29	23.30	23.31		
15	64QAM	36	0	22.29	22.24	22.35	22.18	22.33	24	3
15	64QAM	36	20	22.19	22.30	22.41	22.14	22.33		
15	64QAM	36	39	22.20	22.21	22.29	22.06	22.25		
15	64QAM	75	0	22.24	22.20	22.44	22.26	22.30		
15	256QAM	1	0	20.22	20.21	20.49	20.19	20.42	22	5
15	256QAM	1	37	20.22	20.29	20.32	20.29	20.42		
15	256QAM	1	74	20.20	20.25	20.22	20.12	20.27		
15	256QAM	36	0	20.36	20.28	20.41	20.23	20.33	22	5
15	256QAM	36	20	20.24	20.23	20.39	20.20	20.35		
15	256QAM	36	39	20.36	20.26	20.28	20.41	20.15		
15	256QAM	75	0	20.13	20.43	20.29	20.25	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.41	25.28	25.47	25.27	25.28	27.00	0
10	QPSK	1	25	25.31	25.28	25.29	25.24	25.31		
10	QPSK	1	49	25.18	25.27	25.31	25.16	25.25		
10	QPSK	25	0	24.33	24.38	24.42	24.19	24.40	26	1
10	QPSK	25	12	24.33	24.16	24.40	24.21	24.23		
10	QPSK	25	25	24.19	24.23	24.31	24.08	24.18		
10	QPSK	50	0	24.40	24.21	24.40	24.38	24.28		
10	16QAM	1	0	24.30	24.23	24.35	24.30	24.28	26	1
10	16QAM	1	25	24.17	24.30	24.24	24.27	24.25		
10	16QAM	1	49	24.16	24.37	24.33	24.17	24.29		
10	16QAM	25	0	23.30	23.28	23.32	23.29	23.32	25	2
10	16QAM	25	12	23.26	23.23	23.28	23.18	23.39		
10	16QAM	25	25	23.22	23.32	23.33	23.15	23.16		
10	16QAM	50	0	23.23	23.37	23.42	23.14	23.32		
10	64QAM	1	0	23.25	23.21	23.36	23.11	23.43	25	2
10	64QAM	1	25	23.27	23.37	23.29	23.32	23.36		
10	64QAM	1	49	23.22	23.34	23

GSM850 Ant1 Full power	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 Full power			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.60	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.32	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.17		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.30		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.11		
20	256QAM	100	0	17.37	17.38	17.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.25	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.30	20.16	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.25	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.35	17.16		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.28	17.12		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.30	19.23	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.38	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

Band 4 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.01	22.06	21.98		
20	QPSK	1	49	21.92	22.04	21.93	23	0
20	QPSK	1	99	21.96	22.01	21.93		
20	QPSK	50	0	21.01	21.10	21.01		
20	QPSK	50	24	20.89	21.00	20.91	22	1
20	QPSK	50	50	20.99	20.96	20.89		
20	QPSK	100	0	21.03	21.07	20.98		
20	16QAM	1	0	21.05	21.04	21.04		
20	16QAM	1	49	20.87	21.02	20.92	22	1
20	16QAM	1	99	21.01	20.97	20.92		
20	16QAM	50	0	19.96	20.14	19.95		
20	16QAM	50	24	19.83	19.95	19.88	21	2
20	16QAM	50	50	19.96	19.97	19.91		
20	16QAM	100	0	20.03	20.03	19.96		
20	64QAM	1	0	20.10	20.07	20.00		
20	64QAM	1	49	19.88	20.01	19.90	21	2
20	64QAM	1	99	19.99	19.96	19.86		
20	64QAM	50	0	19.03	19.04	18.99		
20	64QAM	50	24	18.94	19.05	18.90	20	3
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00		
20	256QAM	1	49	16.85	17.01	16.94	18	5
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94		
20	256QAM	50	24	17.06	17.06	17.03	18	5
20	256QAM	50	50	16.91	16.98	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.91	21.93	21.87		
15	QPSK	1	37	21.89	21.99	21.82	23	0
15	QPSK	1	74	21.86	21.97	21.81		
15	QPSK	36	0	20.93	20.99	20.98		
15	QPSK	36	20	20.75	20.97	20.87	22	1
15	QPSK	36	39	20.88	20.85	20.82		
15	QPSK	75	0	21.00	20.95	20.93		
15	16QAM	1	0	20.95	20.91	20.94		
15	16QAM	1	37	20.79	20.92	20.83	22	1
15	16QAM	1	74	20.88	20.93	20.85		
15	16QAM	36	0	19.89	20.09	19.82		
15	16QAM	36	20	19.73	19.86	19.77	21	2
15	16QAM	36	39	19.94	19.92	19.83		
15	16QAM	75	0	20.00	19.95	19.90		
15	64QAM	1	0	20.02	20.05	19.86		
15	64QAM	1	37	19.85	19.94	19.77	21	2
15	64QAM	1	74	19.90	19.89	19.83		
15	64QAM	36	0	18.93	18.91	18.95		
15	64QAM	36	20	18.92	18.99	18.77	20	3
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96		
15	256QAM	1	37	16.72	16.90	16.83	18	5
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84		
15	256QAM	36	20	16.95	16.97	16.96	18	5
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.98	21.92		
10	QPSK	1	25	21.88	21.92	21.91	23	0
10	QPSK	1	49	21.92	21.96	21.87		
10	QPSK	25	0	20.89	21.04	20.91		
10	QPSK	25	12	20.80	20.96	20.83	22	1
10	QPSK	25	25	20.88	20.89	20.87		
10	QPSK	50	0	20.97	20.90	20.96		
10	16QAM	1	0	20.93	20.97	20.92		
10	16QAM	1	25	20.79	20.89	20.87	22	1
10	16QAM	1	49	20.96	20.85	20.84		
10	16QAM	25	0	19.91	20.02	19.86		
10	16QAM	25	12	19.80	19.86	19.85	21	2
10	16QAM	25	25	19.88	19.92	19.86		
10	16QAM	50	0	20.00	19.90	19.94		
10	64QAM	1	0	20.02	19.93	19.93		
10	64QAM	1	25	19.75	19.92	19.82	21	2
10	64QAM	1	49	19.89	19.94	19.76		
10	64QAM	25	0	18.98	18.98	18.87		
10	64QAM	25	12	18.91	18.94	18.78	20	3
10	64QAM	25	25	18.93	18.84	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.90	17.01	16.94		
10	256QAM	1	25	16.77	16.92	16.81	18	5
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83		
10	256QAM	25	12	16.98	17.04	17.00	18	5
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.02	21.92		
5	QPSK	1	12	21.86	21.91	21.90	23	0
5	QPSK	1	24	21.87	21.93	21.83		
5	QPSK	12	0	20.95	20.98	20.90		
5	QPSK	12	7	20.87	20.94	20.82	22	1
5	QPSK	12	13	20.95	20.88	20.86		
5	QPSK	25	0	20.91	21.02	20.95		
5	16QAM	1	0	20.99	20.99	20.94		
5	16QAM	1	12	20.80	20.95	20.84	22	1
5	16QAM	1	24	20.97	20.91	20.80		
5	16QAM	12	0	19.83	19.97	19.85		
5	16QAM	12	7	19.71	19.88	19.74	21	2
5	16QAM	12	13	19.84	19.83	19.84		
5	16QAM	25	0	19.97	20.00	19.86		
5	64QAM	1	0	19.97	19.97	19.93		
5	64QAM	1	12	19.76	19.95	19.77	21	2
5	64QAM	1	24	19.94	19.82	19.78		
5	64QAM	12	0	18.99	19.00	18.96		
5	64QAM	12	7	18.82	19.00	18.78	20	3
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91		
5	256QAM	1	12	16.74	16.92	16.90	18	5
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85		
5	256QAM	12	7	16.91	16.96	16.96	18	5
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.88	22.04	21.88		
3	QPSK	1	8	21.80	22.00	21.91	23	0
3	QPSK	1	14	21.86	21.97	21.91		
3	QPSK	8	0	20.94	21.08	20.95		
3	QPSK	8	4	20.77	20.93	20.87	22	1
3	QPSK	8	7	20.94	20.88	20.86		
3	QPSK	15	0	20.95	20.98	20.92		
3	16QAM	1	0	21.03	20.99	21.00		
3	16QAM	1	8	20.84	20.89	20.88	22	1
3	16QAM	1	14	20.88	20.84	20.88		
3	16QAM	8	0	19.93	20.05	19.86		
3	16QAM	8	4	19.73	19.88	19.75	21	2
3	16QAM	8	7	19.87	19.93	19.82		
3	16QAM	15	0	19.99	19.95	19.83		
3	64QAM	1	0	20.02	20.02	19.87		
3	64QAM	1	8	19.84	19.94	19.78	21	2
3	64QAM	1	14	19.88	19.93	19.74		
3	64QAM	8	0	19.00	18.99	18.86		
3	64QAM	8	4	18.87	18.98	18.84	20	3
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90		
3	256QAM	1	8	16.80	16.89	16.83	18	5
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83		
3	256QAM	8	4	16.99	16.93	16.92	18	5
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.87		
1.4	QPSK	1	3	21.82	21.98	21.87		
1.4	QPSK	1	5	21.84	21.94	21.80	23	0
1.4	QPSK	3	0	21.88	21.88	21.82		
1.4	QPSK	3	1	21.77	21.87	21.81		
1.4	QPSK	3	3	21.73	21.87	21.77		
1.4	QPSK	6	0	20.93	20.94	20.95	22	1
1.4	16QAM	1	0	20.97	20.92	20.94		
1.4	16QAM	1	3	20.73	20.94	20.79		
1.4	16QAM	1	5	20.97	20.83	20.88	22	1
1.4	16QAM	3	0	20.91	20.87	20.91		
1.4	16QAM	3	1	20.93	20.85	20.82		
1.4	16QAM	3	3	20.63	20.84	20.75		
1.4	16QAM	6	0	20.00	19.89	19.88	21	2
1.4	64QAM	1	0	19.96	19.99	19.91		
1.4	64QAM	1	3	19.80	19.99	19.84		
1.4	64QAM	1	5	19.85	19.87	19.77	21	2
1.4	64QAM	3	0	19.92	19.80	19.80		
1.4	64QAM	3	1	19.88	19.91	19.82		
1.4	64QAM	3	3	19.67	19.88	19.76		
1.4	64QAM	6	0	18.93	18.97	18.91	20	3
1.4	256QAM	1	0	16.93	16.97	16.93		
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77	18	5
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	5

Band 5 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10

Band 12 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.97	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.67	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				22017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.86	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

Band 13 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

Band 14 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

Band 17 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				708.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.36	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

Band 25 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.34	22.41	22.32		
20	QPSK	1	49	22.30	22.36	22.16	23	0
20	QPSK	1	99	22.20	22.40	22.23		
20	QPSK	50	0	21.44	21.45	21.25		
20	QPSK	50	24	21.35	21.32	21.23	22	1
20	QPSK	50	50	21.21	21.28	21.31		
20	QPSK	100	0	21.35	21.41	21.29		
20	16QAM	1	0	21.29	21.33	21.33		
20	16QAM	1	49	21.35	21.39	21.12	22	1
20	16QAM	1	99	21.20	21.33	21.21		
20	16QAM	50	0	20.44	20.39	20.25		
20	16QAM	50	24	20.41	20.45	20.22	21	2
20	16QAM	50	50	20.21	20.28	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24		
20	64QAM	1	49	20.40	20.34	20.15	21	2
20	64QAM	1	99	20.15	20.35	20.33		
20	64QAM	50	0	19.32	19.42	19.23		
20	64QAM	50	24	19.43	19.32	19.24	20	3
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26		
20	256QAM	1	49	17.40	17.31	17.19	18	5
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18		
20	256QAM	50	24	17.25	17.40	17.29	18	5
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.23	22.34	22.20		
15	QPSK	1	37	22.26	22.25	22.12	23	0
15	QPSK	1	74	22.08	22.31	22.14		
15	QPSK	36	0	21.31	21.42	21.19		
15	QPSK	36	20	21.21	21.27	21.18	22	1
15	QPSK	36	39	21.15	21.26	21.17		
15	QPSK	75	0	21.30	21.38	21.24		
15	16QAM	1	0	21.23	21.25	21.28		
15	16QAM	1	37	21.28	21.36	21.06	22	1
15	16QAM	1	74	21.08	21.22	21.14		
15	16QAM	36	0	20.32	20.31	20.21		
15	16QAM	36	20	20.28	20.40	20.11	21	2
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16		
15	64QAM	1	37	20.35	20.23	20.12	21	2
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12		
15	64QAM	36	20	19.38	19.19	19.10	20	3
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.38	19.24		
15	256QAM	1	0	17.32	17.27	17.17		
15	256QAM	1	37	17.26	17.25	17.11	18	5
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12		
15	256QAM	36	20	17.12	17.36	17.16	18	5
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.30	22.21		
10	QPSK	1	25	22.18	22.22	22.02	23	0
10	QPSK	1	49	22.08	22.38	22.13		
10	QPSK	25	0	21.31	21.42	21.22		
10	QPSK	25	12	21.31	21.27	21.19	22	1
10	QPSK	25	25	21.13	21.16	21.21		
10	QPSK	50	0	21.24	21.39	21.25		
10	16QAM	1	0	21.17	21.25	21.25		
10	16QAM	1	25	21.27	21.32	21.08	22	1
10	16QAM	1	49	21.18	21.21	21.08		
10	16QAM	25	0	20.37	20.35	20.14		
10	16QAM	25	12	20.31	20.39	20.15	21	2
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15		
10	64QAM	1	25	20.27	20.22	20.03	21	2
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15		
10	64QAM	25	12	19.29	19.19	19.15	20	3
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15		
10	256QAM	1	25	17.31	17.21	17.15	18	5
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14		
10	256QAM	25	12	17.12	17.32	17.26	18	5
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26055	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.24	22.36	22.28		
5	QPSK	1	12	22.24	22.31	22.02	23	0
5	QPSK	1	24	22.14	22.28	22.19		
5	QPSK	12	0	21.40	21.32	21.17		
5	QPSK	12	7	21.27	21.29	21.18	22	1
5	QPSK	12	13	21.11	21.22	21.20		
5	QPSK	25	0	21.21	21.28	21.22		
5	16QAM	1	0	21.19	21.30	21.26		
5	16QAM	1	12	21.32	21.33	21.08	22	1
5	16QAM	1	24	21.16	21.29	21.16		
5	16QAM	12	0	20.41	20.32	20.22		
5	16QAM	12	7	20.30	20.33	20.11	21	2
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13		
5	64QAM	1	12	20.35	20.30	20.09	21	2
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14		
5	64QAM	12	7	19.39	19.22	19.14	20	3
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.16		
5	256QAM	1	12	17.27	17.25	17.07	18	5
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06		
5	256QAM	12	7	17.14	17.34	17.19	18	5
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.27	22.28		
3	QPSK	1	8	22.28	22.32	22.13	23	0
3	QPSK	1	14	22.14	22.36	22.15		
3	QPSK	8	0	21.34	21.36	21.11		
3	QPSK	8	4	21.25	21.28	21.16	22	1
3	QPSK	8	7	21.15	21.22	21.20		
3	QPSK	15	0	21.23	21.39	21.18		
3	16QAM	1	0	21.20	21.31	21.24		
3	16QAM	1	8	21.32	21.33	20.99	22	1
3	16QAM	1	14	21.16	21.29	21.18		
3	16QAM	8	0	20.32	20.30	20.21		
3	16QAM	8	4	20.38	20.39	20.14	21	2
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13		
3	64QAM	1	8	20.36	20.25	20.03	21	2
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11		
3	64QAM	8	4	19.33	19.25	19.13	20	3
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20		
3	256QAM	1	8	17.33	17.27	17.07	18	5
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05		
3	256QAM	8	4	17.18	17.35	17.20	18	5
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.21	22.29	22.26		
1.4	QPSK	1	3	22.25	22.22	22.13		
1.4	QPSK	1	5	22.17	22.36	22.12	23	0
1.4	QPSK	3	0	22.09	22.22	22.16		
1.4	QPSK	3	1	22.22	22.19	22.06		
1.4	QPSK	3	3	22.07	22.28	22.06		
1.4	QPSK	6	0	21.23	21.28	21.18	22	1
1.4	16QAM	1	0	21.19	21.28	21.22		
1.4	16QAM	1	3	21.32	21.35	21.05		
1.4	16QAM	1	5	21.08	21.23	21.17	22	1
1.4	16QAM	3	0	21.11	21.18	21.11		
1.4	16QAM	3	1	21.15	21.24	21.10		
1.4	16QAM	3	3	21.24	21.25	21.00		
1.4	16QAM	6	0	20.27	20.25	20.17	21	2
1.4	64QAM	1	0	20.10	20.20	20.10		
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30	21	2
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	3
1.4	256QAM	1	0	17.29	17.33	17.14		
1.4	256QAM	1	3	17.30	17.28	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24	18	5
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38		
15	QPSK	1	37	22.35	22.43	22.35	24	0
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32		
15	QPSK	36	20	21.30	21.45	21.31	23	1
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36		
15	16QAM	1	37	21.36	21.39	21.38	23	1
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33		
15	16QAM	36	20	20.28	20.45	20.28	22	2
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33		
15	64QAM	1	37	20.36	20.34	20.35	22	2
15	64QAM	1	74	20.37	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32		
15	64QAM	36	20	19.35	19.42	19.30	21	3
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36		
15	256QAM	1	37	17.34	17.40	17.26	19	5
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36		
15	256QAM	36	20	17.44	17.44	17.39	19	5
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29		
10	QPSK	1	25	22.32	22.33	22.28	24	0
10	QPSK	1	49	22.22	22.39	22.22		
10	QPSK	25	0	21.26	21.46	21.29		
10	QPSK	25	12	21.22	21.31	21.17	23	1
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24		
10	16QAM	1	25	21.28	21.35	21.27	23	1
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28		
10	16QAM	25	12	20.23	20.33	20.22	22	2
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29		
10	64QAM	1	25	20.23	20.28	20.21	22	2
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21		
10	64QAM	25	12	19.23	19.32	19.17	21	3
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24		
10	256QAM	1	25	17.27	17.30	17.15	19	5
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30		
10	256QAM	25	12	17.35	17.36	17.29	19	5
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29		
5	QPSK	1	12	22.29	22.34	22.27	24	0
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19		
5	QPSK	12	7	21.27	21.43	21.22	23	1
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28		
5	16QAM	1	12	21.34	21.27	21.36	23	1
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19		
5	16QAM	12	7	20.19	20.39	20.23	22	2
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24		
5	64QAM	1	12	20.27	20.27	20.27	22	2
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19		
5	64QAM	12	7	19.32	19.32	19.23	21	3
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28		
5	256QAM	1	12	17.25	17.31	17.15	19	5
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23		
5	256QAM	12	7	17.40	17.40	17.25	19	5
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34		
3	QPSK	1	8	22.32	22.34	22.30	24	0
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25		
3	QPSK	8	4	21.25	21.35	21.24	23	1
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30		
3	16QAM	1	8	21.29	21.31	21.26	23	1
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25		
3	16QAM	8	4	20.16	20.32	20.24	22	2
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27		
3	64QAM	1	8	20.22	20.23	20.28	22	2
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23		
3	64QAM	8	4	19.22	19.40	19.25	21	3
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28		
3	256QAM	1	8	17.28	17.33	17.18	19	5
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.32	17.36	17.36	19	5
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28		
1.4	QPSK	1	3	22.26	22.32	22.27		
1.4	QPSK	1	5	22.21	22.37	22.25	24	0
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.35	21.36	21.32		
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17	23	1
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24		
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18	22	2
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31		
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21	19	5
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

Band 30 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85			
10	QPSK	1	25		20.83		22	0
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91			
10	QPSK	25	12		19.80		21	1
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84			
10	16QAM	1	25		19.86		21	1
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95			
10	16QAM	25	12		18.78		20	2
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85			
10	64QAM	1	25		18.89		20	2
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96			
10	64QAM	25	12		17.82		19	3
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86			
10	256QAM	1	25		15.77		17	5
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90			
10	256QAM	25	12		15.86		17	5
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79		
5	QPSK	1	12	20.77	20.77	20.72	22	0
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89		
5	QPSK	12	7	19.72	19.67	19.67	21	1
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72		
5	16QAM	1	12	19.84	19.81	19.76	21	1
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83		
5	16QAM	12	7	18.69	18.70	18.76	20	2
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76		
5	64QAM	1	12	18.78	18.79	18.79	20	2
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83		
5	64QAM	12	7	17.68	17.73	17.75	19	3
5	64QAM	12	13	17.70	17.75	17.69		
5	64QAM	25	0

Band 66 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.72	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.99	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.06	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131997	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.58	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.58	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.59	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49	22	2
5	64QAM	1	0	20.49	20.53	20.42		
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.43	23.40	25	0
20	QPSK	1	49	23.18	23.29	23.31		
20	QPSK	1	99	23.16	23.27	23.26		
20	QPSK	50	0	22.25	22.37	22.33	24	1
20	QPSK	50	24	22.18	22.25	22.35		
20	QPSK	50	50	22.18	22.32	22.30		
20	QPSK	100	0	22.25	22.38	22.28		
20	16QAM	1	0	22.12	22.33	22.42	24	1
20	16QAM	1	49	22.16	22.40	22.23		
20	16QAM	1	99	22.14	22.29	22.25		
20	16QAM	50	0	21.16	21.35	21.31	23	2
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	2
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	3
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	5
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	5
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.08	23.33	23.25	25	0
15	QPSK	1	37	23.06	23.25	23.21		
15	QPSK	1	74	23.06	23.12	23.20		
15	QPSK	36	0	22.21	22.31	22.23	24	1
15	QPSK	36	20	22.12	22.13	22.28		
15	QPSK	36	39	22.12	22.21	22.24		
15	QPSK	75	0	22.16	22.30	22.18		
15	16QAM	1	0	22.00	22.25	22.31	24	1
15	16QAM	1	37	22.02	22.25	22.14		
15	16QAM	1	74	22.08	22.12	22.12		
15	16QAM	36	0	21.10	21.27	21.17	23	2
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	2
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	3
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	5
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	5
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.10	23.36	23.28	25	0
10	QPSK	1	25	23.11	23.18	23.23		
10	QPSK	1	49	23.07	23.21	23.14		
10	QPSK	25	0	22.18	22.26	22.27	24	1
10	QPSK	25	12	22.12	22.19	22.24		
10	QPSK	25	25	22.02	22.20	22.16		
10	QPSK	50	0	22.13	22.25	22.17		
10	16QAM	1	0	22.04	22.28	22.31	24	1
10	16QAM	1	25	22.07	22.33	22.19		
10	16QAM	1	49	22.20	22.22	22.13		
10	16QAM	25	0	21.01	21.26	21.16	23	2
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.21	21.31	23	2
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	3
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	5
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	5
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.05	23.32	23.29	25	0
5	QPSK	1	12	23.03	23.24	23.17		
5	QPSK	1	24	23.10	23.16	23.17		
5	QPSK	12	0	22.14	22.28	22.23	24	1
5	QPSK	12	7	22.08	22.13	22.24		
5	QPSK	12	13	22.13	22.26	22.20		
5	QPSK	25	0	22.11	22.31	22.18		
5	16QAM	1	0	22.00	22.24	22.33	24	1
5	16QAM	1	12	22.11	22.26	22.07		
5	16QAM	1	24	22.01	22.14	22.17		
5	16QAM	12	0	21.11	21.20	21.19	23	2
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	2
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	3
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	5
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	5
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

Band 41 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.81	23.96	23.94	23.88	25	0
20	QPSK	1	49	23.71	23.77	23.93	23.91	23.77		
20	QPSK	1	99	23.73	23.72	23.90	23.87	23.75		
20	QPSK	50	0	22.90	22.81	23.00	22.95	22.89	24	1
20	QPSK	50	24	22.69	22.83	22.87	22.92	22.76		
20	QPSK	50	50	22.75	22.77	22.91	22.90	22.74		
20	QPSK	100	0	22.86	22.84	22.99	22.91	22.91		
20	16QAM	1	0	22.88	22.78	22.96	22.98	22.86	24	1
20	16QAM	1	49	22.66	22.78	22.95	22.85	22.79		
20	16QAM	1	99	22.74	22.75	22.87	22.85	22.77		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	2
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	2
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	3
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	5
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	5
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.73	23.76	23.85	23.88	23.79	25.00	0
15	QPSK	1	37	23.62	23.75	23.91	23.84	23.69		
15	QPSK	1	74	23.66	23.58	23.81	23.74	23.71		
15	QPSK	36	0	22.80	22.78	22.87	22.90	22.83	24	1
15	QPSK	36	20	22.61	22.79	22.80	22.78	22.73		
15	QPSK	36	39	22.71	22.70	22.88	22.83	22.63		
15	QPSK	75	0	22.75	22.75	22.89	22.83	22.88		
15	16QAM	1	0	22.85	22.64	22.92	22.94	22.81	24	1
15	16QAM	1	37	22.63	22.71	22.90	22.77	22.77		
15	16QAM	1	74	22.67	22.67	22.82	22.79	22.71		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	2
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	2
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	3
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	5
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	5
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.73	23.94	23.82	23.78	25.00	0
10	QPSK	1	25	23.61	23.67	23.80	23.87	23.75		
10	QPSK	1	49	23.65	23.65	23.82	23.79	23.67		
10	QPSK	25	0	22.84	22.73	22.96	22.86	22.79	24	1
10	QPSK	25	12	22.62	22.71	22.83	22.88	22.63		
10	QPSK	25	25	22.66	22.68	22.82	22.83	22.70		
10	QPSK	50	0	22.83	22.79	22.92	22.86	22.85		
10	16QAM	1	0	22.84	22.71	22.93	22.86	22.73	24	1
10	16QAM	1	25	22.61	22.65	22.84	22.73	22.75		
10	16QAM	1	49	22.66	22.64	22.82	22.72	22.66		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	2
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	2
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	3
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	5
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	5
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.77	23.84	23.81	23.78	25.00	0
5	QPSK	1	12	23.62	23.73	23.83	23.77	23.64		
5	QPSK	1	24	23.71	23.68	23.83	23.82	23.67		
5	QPSK	12	0	22.77	22.77	22.95	22.87	22.77	24	1
5	QPSK	12	7	22.58	22.70	22.82	22.88	22.72		
5	QPSK	12	13	22.62	22.74	22.79	22.80	22.64		
5	QPSK	25	0	22.72	22.74	22.97	22.87	22.86		
5	16QAM	1	0	22.74	22.75	22.88	22.87	22.81	24	1
5	16QAM	1	12	22.63	22.67	22.84	22.76	22.68		
5	16QAM	1	24	22.67	22.64	22.81	22.77	22.67		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	2
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	2
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	3
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	5
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	5
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

Band 41 HPUE Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.88	25.96	26.02	25.92	25.93	27	0
20	QPSK	1	49	25.84	25.93	25.98	25.86	25.84		
20	QPSK	1	99	25.79	25.91	25.97	25.80	25.85		
20	QPSK	50	0	24.88	25.01	25.06	24.95	24.95	26	1
20	QPSK	50	24	24.84	24.91	25.01	24.84	24.87		
20	QPSK	50	50	24.81	24.92	25.02	24.75	24.85		
20	QPSK	100	0	24.86	24.96	25.03	24.92	24.91		
20	16QAM	1	0	24.91	24.97	25.02	24.92	24.98	26	1
20	16QAM	1	49	24.84	24.87	25.01	24.91	24.84		
20	16QAM	1	99	24.77	24.95	24.99	24.77	24.88		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	2
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	2
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	3
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.83	25.88	25.94	25.81	25.91	27.00	0
15	QPSK	1	37	25.72	25.88	25.93	25.79	25.72		
15	QPSK	1	74	25.74	25.80	25.90	25.74	25.81		
15	QPSK	36	0	24.84	24.89	24.95	24.91	24.84	26	1
15	QPSK	36	20	24.75	24.82	24.88	24.71	24.75		
15	QPSK	36	39	24.71	24.84	24.96	24.70	24.81		
15	QPSK	75	0	24.75	24.83	24.92	24.82	24.84		
15	16QAM	1	0	24.84	24.90	24.93	24.84	24.87	26	1
15	16QAM	1	37	24.71	24.85	24.88	24.80	24.78		
15	16QAM	1	74	24.75	24.83	24.88	24.74	24.80		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	2
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	2
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	3
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.75	22	5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.92	25.89	25.86	25.89	27.00	0
10	QPSK	1	25	25.71	25.85	25.95	25.75	25.75		
10	QPSK	1	49	25.77	25.83	25.83	25.66	25.82		
10	QPSK	25	0	24.85	24.99	25.02	24.86	24.88	26	1
10	QPSK	25	12	24.73	24.80	24.92	24.77	24.79		
10	QPSK	25	25	24.70	24.84	24.91	24.72	24.72		
10	QPSK	50	0	24.73	24.88	25.00	24.88	24.88		
10	16QAM	1	0	24.85	24.85	24.89	24.86	24.90	26	1
10	16QAM	1	25	24.77	24.82	24.99	24.83	24.70		
10	16QAM	1	49	24.72	24.85	24.93	24.66	24.78		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	2
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.01	23.90	23.84		
10	64QAM	1	0	23.76	23.87	23.95	23.93	23.88	25	2
10	64QAM	1	25	23.69	23.74	23.92	23.85	23.88		
10	64QAM	1	49	23.63	23.82	23

GSM1900 Ant2 Full power	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.22	30.30	30.16	30.50	21.22	21.30	21.16	21.50
GPRS 1 Tx slot	30.15	30.25	30.13	30.50	21.15	21.25	21.13	21.50
GPRS 2 Tx slots	27.69	27.76	27.72	28.50	21.69	21.76	21.72	22.50
GPRS 3 Tx slots	25.49	25.56	25.52	26.50	21.23	21.30	21.26	22.24
GPRS 4 Tx slots	23.60	23.70	23.68	25.00	20.60	20.70	20.68	22.00
EDGE 1 Tx slot	24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots	23.71	23.75	23.67	25.00	17.71	17.75	17.67	19.00
EDGE 3 Tx slots	22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots	19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 Full power			Tune-up Limit (dBm)	WCDMA IV Ant2 Full power			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.19	23.25	23.19	24.00	23.39	23.47	23.47	24.00
3GPP Rel 99	RMC 12.2Kbps	23.29	23.32	23.23	24.00	23.52	23.57	23.50	24.00
3GPP Rel 6	HSDPA Subtest-1	22.28	22.32	22.20	23.00	22.56	22.55	22.47	23.00
3GPP Rel 6	HSDPA Subtest-2	22.34	22.30	22.26	23.00	22.49	22.60	22.56	23.00
3GPP Rel 6	HSDPA Subtest-3	21.80	21.86	21.68	22.50	21.97	22.07	21.98	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.88	21.72	22.50	21.99	22.10	22.01	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.24	22.35	22.20	23.00	22.46	22.61	22.55	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.34	22.28	22.18	23.00	22.51	22.55	22.49	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.83	21.83	21.75	22.50	22.04	22.12	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.82	21.79	21.67	22.50	22.06	22.09	21.97	22.50
3GPP Rel 6	HSUPA Subtest-1	22.25	22.29	22.25	23.00	22.52	22.56	22.54	23.00
3GPP Rel 6	HSUPA Subtest-2	20.27	20.32	20.24	21.00	20.48	20.62	20.45	21.00
3GPP Rel 6	HSUPA Subtest-3	21.26	21.28	21.21	22.00	21.58	21.58	21.49	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.37	20.27	21.00	20.54	20.60	20.52	21.00
3GPP Rel 6	HSUPA Subtest-5	22.29	22.36	22.25	23.00	22.54	22.59	22.50	23.00

Band 2 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.67	22.71	22.66	24	0
20	QPSK	1	49	22.54	22.69	22.63		
20	QPSK	1	99	22.55	22.65	22.56		
20	QPSK	50	0	21.63	21.76	21.67	23	1
20	QPSK	50	24	21.49	21.64	21.63		
20	QPSK	50	50	21.50	21.59	21.54		
20	QPSK	100	0	21.71	21.74	21.70		
20	16QAM	1	0	21.63	21.73	21.64	23	1
20	16QAM	1	49	21.60	21.69	21.61		
20	16QAM	1	99	21.51	21.65	21.61		
20	16QAM	50	0	20.60	20.80	20.70	22	2
20	16QAM	50	24	20.48	20.70	20.59		
20	16QAM	50	50	20.45	20.64	20.55		
20	16QAM	100	0	20.70	20.68	20.66		
20	64QAM	1	0	20.67	20.70	20.62	22	2
20	64QAM	1	49	20.62	20.64	20.66		
20	64QAM	1	99	20.50	20.63	20.63		
20	64QAM	50	0	19.69	19.81	19.63	21	3
20	64QAM	50	24	19.53	19.65	19.59		
20	64QAM	50	50	19.52	19.61	19.48		
20	64QAM	100	0	19.75	19.76	19.75		
20	256QAM	1	0	17.66	17.82	17.62	19	5
20	256QAM	1	49	17.50	17.62	17.59		
20	256QAM	1	99	17.55	17.63	17.55		
20	256QAM	50	0	17.75	17.69	17.74	19	5
20	256QAM	50	24	17.63	17.71	17.62		
20	256QAM	50	50	17.60	17.71	17.64		
20	256QAM	100	0	17.53	17.65	17.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.64	22.57	24	0
15	QPSK	1	37	22.49	22.61	22.61		
15	QPSK	1	74	22.47	22.52	22.48		
15	QPSK	36	0	21.59	21.69	21.58	23	1
15	QPSK	36	20	21.35	21.60	21.53		
15	QPSK	36	39	21.42	21.54	21.46		
15	QPSK	75	0	21.69	21.65	21.63		
15	16QAM	1	0	21.61	21.69	21.60	23	1
15	16QAM	1	37	21.50	21.56	21.58		
15	16QAM	1	74	21.45	21.60	21.54		
15	16QAM	36	0	20.53	20.67	20.56	22	2
15	16QAM	36	20	20.39	20.59	20.47		
15	16QAM	36	39	20.43	20.62	20.46		
15	16QAM	75	0	20.65	20.61	20.53		
15	64QAM	1	0	20.60	20.64	20.52	22	2
15	64QAM	1	37	20.55	20.58	20.54		
15	64QAM	1	74	20.39	20.58	20.56		
15	64QAM	36	0	19.61	19.76	19.60	21	3
15	64QAM	36	20	19.48	19.55	19.47		
15	64QAM	36	39	19.39	19.56	19.43		
15	64QAM	75	0	19.65	19.74	19.68		
15	256QAM	1	0	17.64	17.75	17.50	19	5
15	256QAM	1	37	17.37	17.60	17.46		
15	256QAM	1	74	17.42	17.57	17.44		
15	256QAM	36	0	17.71	17.58	17.64	19	5
15	256QAM	36	20	17.53	17.69	17.53		
15	256QAM	36	39	17.49	17.67	17.62		
15	256QAM	75	0	17.42	17.63	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.58	22.63	22.59	24	0
10	QPSK	1	25	22.50	22.62	22.50		
10	QPSK	1	49	22.43	22.62	22.45		
10	QPSK	25	0	21.50	21.64	21.63	23	1
10	QPSK	25	12	21.42	21.61	21.57		
10	QPSK	25	25	21.40	21.53	21.43		
10	QPSK	50	0	21.61	21.70	21.63		
10	16QAM	1	0	21.56	21.64	21.59	23	1
10	16QAM	1	25	21.47	21.55	21.56		
10	16QAM	1	49	21.45	21.62	21.58		
10	16QAM	25	0	20.56	20.69	20.65	22	2
10	16QAM	25	12	20.37	20.60	20.52		
10	16QAM	25	25	20.31	20.59	20.45		
10	16QAM	50	0	20.61	20.64	20.54		
10	64QAM	1	0	20.63	20.67	20.53	22	2
10	64QAM	1	25	20.53	20.56	20.58		
10	64QAM	1	49	20.39	20.52	20.57		
10	64QAM	25	0	19.63	19.79	19.54	21	3
10	64QAM	25	12	19.47	19.61	19.48		
10	64QAM	25	25	19.45	19.57	19.45		
10	64QAM	50	0	19.72	19.66	19.71		
10	256QAM	1	0	17.59	17.71	17.55	19	5
10	256QAM	1	25	17.40	17.59	17.48		
10	256QAM	1	49	17.43	17.51	17.47		
10	256QAM	25	0	17.73	17.61	17.64	19	5
10	256QAM	25	12	17.56	17.66	17.49		
10	256QAM	25	25	17.48	17.59	17.60		
10	256QAM	50	0	17.49	17.56	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.59	22.65	22.64	24	0
5	QPSK	1	12	22.42	22.61	22.52		
5	QPSK	1	24	22.48	22.62	22.49		
5	QPSK	12	0	21.58	21.62	21.63	23	1
5	QPSK	12	7	21.41	21.56	21.60		
5	QPSK	12	13	21.40	21.51	21.46		
5	QPSK	25	0	21.58	21.61	21.65		
5	16QAM	1	0	21.50	21.68	21.51	23	1
5	16QAM	1	12	21.48	21.57	21.58		
5	16QAM	1	24	21.46	21.54	21.54		
5	16QAM	12	0	20.49	20.73	20.62	22	2
5	16QAM	12	7	20.36	20.60	20.51		
5	16QAM	12	13	20.42	20.56	20.42		
5	16QAM	25	0	20.66	20.60	20.58		
5	64QAM	1	0	20.59	20.57	20.51	22	2
5	64QAM	1	12	20.51	20.50	20.63		
5	64QAM	1	24	20.46	20.50	20.53		
5	64QAM	12	0	19.65	19.78	19.60	21	3
5	64QAM	12	7	19.45	19.51	19.49		
5	64QAM	12	13	19.47	19.58	19.36		
5	64QAM	25	0	19.72	19.66	19.65		
5	256QAM	1	0	17.62	17.70	17.51	19	5
5	256QAM	1	12	17.36	17.50	17.56		
5	256QAM	1	24	17.52	17.54	17.43		
5	256QAM	12	0	17.61	17.57	17.71	19	5
5	256QAM	12	7	17.58	17.64	17.56		
5	256QAM	12	13	17.51	17.61	17.54		
5	256QAM	25	0	17.48	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.60	22.61	22.54	24	0
3	QPSK	1	8	22.43	22.55	22.53		
3	QPSK	1	14	22.44	22.61	22.43		
3	QPSK	8	0	21.59	21.73	21.61	23	1
3	QPSK	8	4	21.41	21.56	21.59		
3	QPSK	8	7	21.46	21.46	21.41		
3	QPSK	15	0	21.68	21.66	21.59		
3	16QAM	1	0	21.49	21.66	21.61	23	1
3	16QAM	1	8	21.53	21.58	21.50		
3	16QAM	1	14	21.45	21.56	21.55		
3	16QAM	8	0	20.49	20.68	20.59	22	2
3	16QAM	8	4	20.38	20.59	20.50		
3	16QAM	8	7	20.31	20.57	20.41		
3	16QAM	15	0	20.56	20.55	20.54		
3	64QAM	1	0	20.63	20.65	20.50	22	2
3	64QAM	1	8	20.59	20.62	20.59		
3	64QAM	1	14	20.45	20.54	20.55		
3	64QAM	8	0	19.62	19.78	19.55	21	3
3	64QAM	8	4	19.43	19.57	19.50		
3	64QAM	8	7	19.40	19.57	19.38		
3	64QAM	15	0	19.72	19.74	19.71		
3	256QAM	1	0	17.62	17.78	17.56	19	5
3	256QAM	1	8	17.46	17.55	17.55		
3	256QAM	1	14	17.48	17.53	17.52		
3	256QAM	8	0	17.63	17.56	17.65	19	5
3	256QAM	8	4	17.61	17.67	17.58		
3	256QAM	8	7	17.49	17.67	17.54		
3	256QAM	15	0	17.39	17.59	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.55	24	0
1.4	QPSK	1	3	22.43	22.61	22.50		
1.4	QPSK	1	5	22.49	22.52	22.46		
1.4	QPSK	3	0	22.52	22.54	22.53		
1.4	QPSK	3	1	22.40	22.51	22.41		
1.4	QPSK	3	3	22.42	22.38	22.41		
1.4	QPSK	6	0	21.64	21.69	21.65	23	1
1.4	16QAM	1	0	21.59	21.64	21.52	23	1
1.4	16QAM	1	3	21.48	21.57	21.50		
1.4	16QAM	1	5	21.46	21.55	21.47		
1.4	16QAM	3	0	21.51	21.65	21.63		
1.4	16QAM	3	1	21.48	21.61	21.49		
1.4	16QAM	3	3	21.35	21.46	21.42		
1.4	16QAM	6	0	20.60	20.63	20.54	22	2
1.4	64QAM	1	0	20.60	20.63	20.56	22	2
1.4	64QAM	1	3	20.52	20.53	20.57		
1.4	64QAM	1	5	20.43	20.60	20.49		
1.4	64QAM	3	0	20.48	20.61	20.41		
1.4	64QAM	3	1	20.47	20.59	20.44		
1.4	64QAM	3	3	20.42	20.39	20.52		
1.4	64QAM	6	0	19.71	19.64	19.68	21	3
1.4	256QAM	1	0	17.63	17.80	17.49	19	5
1.4	256QAM	1	3	17.47	17.57	17.51		
1.4	256QAM	1	5	17.47	17.61	17.43		
1.4	256QAM	3	0	17.67	17.66	17.68		
1.4	256QAM	3	1	17.54	17.67	17.60		
1.4	256QAM	3	3	17.53	17.62	17.60		
1.4	256QAM	6	0	17.44	17.54	17.53	19	5

Band 4 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.68	22.72	22.67	24	0
20	QPSK	1	49	22.61	22.69	22.62		
20	QPSK	1	99	22.64	22.66	22.66		
20	QPSK	50	0	21.66	21.78	21.69	23	1
20	QPSK	50	24	21.55	21.72	21.66		
20	QPSK	50	50	21.65	21.71	21.59		
20	QPSK	100	0	21.66	21.76	21.72		
20	16QAM	1	0	21.70	21.74	21.66	23	1
20	16QAM	1	49	21.58	21.65	21.61		
20	16QAM	1	99	21.66	21.68	21.58		
20	16QAM	50	0	20.60	20.83	20.65	22	2
20	16QAM	50	24	20.55	20.67	20.69		
20	16QAM	50	50	20.67	20.75	20.60		
20	16QAM	100	0	20.67	20.75	20.68		
20	64QAM	1	0	20.68	20.76	20.69	22	2
20	64QAM	1	49	20.61	20.65	20.64		
20	64QAM	1	99	20.69	20.64	20.57		
20	64QAM	50	0	19.64	19.74	19.72	21	3
20	64QAM	50	24	19.52	19.71	19.65		
20	64QAM	50	50	19.69	19.74	19.56		
20	64QAM	100	0	19.63	19.72	19.67		
20	256QAM	1	0	17.71	17.74	17.70	19	5
20	256QAM	1	49	17.52	17.75	17.63		
20	256QAM	1	99	17.70	17.72	17.55		
20	256QAM	50	0	17.65	17.72	17.71	19	5
20	256QAM	50	24	17.65	17.71	17.64		
20	256QAM	50	50	17.54	17.66	17.57		
20	256QAM	100	0	17.71	17.73	17.61		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.59	22.67	22.61	24	0
15	QPSK	1	37	22.58	22.57	22.54		
15	QPSK	1	74	22.59	22.64	22.52		
15	QPSK	36	0	21.53	21.70	21.55	23	1
15	QPSK	36	20	21.51	21.62	21.58		
15	QPSK	36	39	21.56	21.59	21.51		
15	QPSK	75	0	21.61	21.63	21.60		
15	16QAM	1	0	21.66	21.66	21.55	23	1
15	16QAM	1	37	21.47	21.57	21.54		
15	16QAM	1	74	21.64	21.60	21.50		
15	16QAM	36	0	20.48	20.78	20.59	22	2
15	16QAM	36	20	20.47	20.60	20.63		
15	16QAM	36	39	20.58	20.61	20.47		
15	16QAM	75	0	20.56	20.67	20.65		
15	64QAM	1	0	20.60	20.68	20.62	22	2
15	64QAM	1	37	20.54	20.52	20.62		
15	64QAM	1	74	20.65	20.55	20.51		
15	64QAM	36	0	19.61	19.64	19.69	21	3
15	64QAM	36	20	19.39	19.59	19.54		
15	64QAM	36	39	19.59	19.66	19.48		
15	64QAM	75	0	19.53	19.64	19.55		
15	256QAM	1	0	17.58	17.61	17.60	19	5
15	256QAM	1	37	17.38	17.63	17.54		
15	256QAM	1	74	17.64	17.65	17.44		
15	256QAM	36	0	17.56	17.66	17.68	19	5
15	256QAM	36	20	17.56	17.58	17.53		
15	256QAM	36	39	17.51	17.55	17.46		
15	256QAM	75	0	17.61	17.65	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.60	22.66	22.62	24	0
10	QPSK	1	25	22.52	22.64	22.56		
10	QPSK	1	49	22.56	22.58	22.43		
10	QPSK	25	0	21.56	21.74	21.59	23	1
10	QPSK	25	12	21.45	21.61	21.56		
10	QPSK	25	25	21.57	21.61	21.57		
10	QPSK	50	0	21.60	21.71	21.63		
10	16QAM	1	0	21.68	21.65	21.64	23	1
10	16QAM	1	25	21.49	21.55	21.54		
10	16QAM	1	49	21.60	21.61	21.49		
10	16QAM	25	0	20.53	20.75	20.63	22	2
10	16QAM	25	12	20.46	20.64	20.57		
10	16QAM	25	25	20.61	20.62	20.54		
10	16QAM	50	0	20.61	20.66	20.61		
10	64QAM	1	0	20.64	20.67	20.65	22	2
10	64QAM	1	25	20.47	20.51	20.54		
10	64QAM	1	49	20.64	20.57	20.54		
10	64QAM	25	0	19.61	19.71	19.69	21	3
10	64QAM	25	12	19.50	19.68	19.54		
10	64QAM	25	25	19.58	19.66	19.53		
10	64QAM	50	0	19.59	19.63	19.56		
10	256QAM	1	0	17.67	17.72	17.67	19	5
10	256QAM	1	25	17.39	17.73	17.52		
10	256QAM	1	49	17.57	17.63	17.49		
10	256QAM	25	0	17.57	17.59	17.58	19	5
10	256QAM	25	12	17.55	17.66	17.56		
10	256QAM	25	25	17.48	17.55	17.47		
10	256QAM	50	0	17.62	17.70	17.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.63	22.61	24	0
5	QPSK	1	12	22.48	22.63	22.51		
5	QPSK	1	24	22.58	22.62	22.44		
5	QPSK	12	0	21.55	21.69	21.60	23	1
5	QPSK	12	7	21.51	21.64	21.58		
5	QPSK	12	13	21.59	21.60	21.49		
5	QPSK	25	0	21.57	21.65	21.65		
5	16QAM	1	0	21.58	21.63	21.53	23	1
5	16QAM	1	12	21.55	21.52	21.56		
5	16QAM	1	24	21.55	21.63	21.47		
5	16QAM	12	0	20.51	20.77	20.61	22	2
5	16QAM	12	7	20.50	20.53	20.57		
5	16QAM	12	13	20.56	20.68	20.55		
5	16QAM	25	0	20.60	20.71	20.55		
5	64QAM	1	0	20.56	20.71	20.65	22	2
5	64QAM	1	12	20.52	20.60	20.50		
5	64QAM	1	24	20.63	20.54	20.52		
5	64QAM	12	0	19.52	19.68	19.61	21	3
5	64QAM	12	7	19.42	19.65	19.52		
5	64QAM	12	13	19.62	19.60	19.44		
5	64QAM	25	0	19.59	19.64	19.58		
5	256QAM	1	0	17.59	17.66	17.64	19	5
5	256QAM	1	12	17.42	17.71	17.60		
5	256QAM	1	24	17.63	17.66	17.45		
5	256QAM	12	0	17.59	17.58	17.57	19	5
5	256QAM	12	7	17.60	17.63	17.50		
5	256QAM	12	13	17.51	17.54	17.50		
5	256QAM	25	0	17.66	17.61	17.54		
Channel				19950	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.56	22.60	22.65	24	0
3	QPSK	1	8	22.52	22.66	22.57		
3	QPSK	1	14	22.53	22.56	22.54		
3	QPSK	8	0	21.62	21.66	21.58	23	1
3	QPSK	8	4	21.48	21.61	21.55		
3	QPSK	8	7	21.59	21.57	21.55		
3	QPSK	15	0	21.59	21.65	21.67		
3	16QAM	1	0	21.64	21.70	21.53	23	1
3	16QAM	1	8	21.52	21.56	21.51		
3	16QAM	1	14	21.55	21.65	21.55		
3	16QAM	8	0	20.46	20.74	20.58	22	2
3	16QAM	8	4	20.50	20.65	20.62		
3	16QAM	8	7	20.53	20.63	20.55		
3	16QAM	15	0	20.62	20.65	20.59		
3	64QAM	1	0	20.58	20.69	20.61	22	2
3	64QAM	1	8	20.48	20.55	20.51		
3	64QAM	1	14	20.66	20.61	20.49		
3	64QAM	8	0	19.52	19.67	19.62	21	3
3	64QAM	8	4	19.42	19.60	19.54		
3	64QAM	8	7	19.57	19.63	19.46		
3	64QAM	15	0	19.53	19.69	19.60		
3	256QAM	1	0	17.64	17.68	17.61	19	5
3	256QAM	1	8	17.41	17.67	17.51		
3	256QAM	1	14	17.60	17.68	17.43		
3	256QAM	8	0	17.59	17.69	17.68	19	5
3	256QAM	8	4	17.52	17.68	17.58		
3	256QAM	8	7	17.48	17.64	17.52		
3	256QAM	15	0	17.64	17.63	17.49		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.69	22.60	24	0
1.4	QPSK	1	3	22.51	22.66	22.57		
1.4	QPSK	1	5	22.51	22.62	22.47		
1.4	QPSK	3	0	22.57	22.66	22.58		
1.4	QPSK	3	1	22.44	22.61	22.48		
1.4	QPSK	3	3	22.38	22.59	22.41		
1.4	QPSK	6	0	21.58	21.73	21.67	23	1
1.4	16QAM	1	0	21.61	21.65	21.54	23	1
1.4	16QAM	1	3	21.51	21.53	21.48		
1.4	16QAM	1	5	21.58	21.66	21.54		
1.4	16QAM	3	0	21.51	21.61	21.63		
1.4	16QAM	3	1	21.52	21.60	21.49		
1.4	16QAM	3	3	21.48	21.40	21.43		
1.4	16QAM	6	0	20.63	20.66	20.55	22	2
1.4	64QAM	1	0	20.57	20.69	20.59	22	2
1.4	64QAM	1	3	20.57	20.51	20.58		
1.4	64QAM	1	5	20.55	20.57	20.52		
1.4	64QAM	3	0	20.61	20.62	20.46		
1.4	64QAM	3	1	20.43	20.67	20.47		
1.4	64QAM	3	3	20.54	20.40	20.54		
1.4	64QAM	6	0	19.60	19.70	19.56	21	3
1.4	256QAM	1	0	17.65	17.70	17.62	19	5
1.4	256QAM	1	3	17.49	17.66	17.52		
1.4	256QAM	1	5	17.56	17.67	17.51		
1.4	256QAM	3	0	17.53	17.64	17.69		
1.4	256QAM	3	1	17.57	17.59	17.60		
1.4	256QAM	3	3	17.43	17.63	17.46		
1.4	256QAM	6	0	17.68	17.61	17.51	19	5

Band 7 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.69	22.73	22.66	24	0
20	QPSK	1	49	22.63	22.69	22.57		
20	QPSK	1	99	22.63	22.68	22.54		
20	QPSK	50	0	21.71	21.76	21.63	23	1
20	QPSK	50	24	21.57	21.66	21.59		
20	QPSK	50	50	21.61	21.71	21.56		
20	QPSK	100	0	21.68	21.73	21.61		
20	16QAM	1	0	21.71	21.72	21.61	23	1
20	16QAM	1	49	21.60	21.63	21.51		
20	16QAM	1	99	21.60	21.67	21.51		
20	16QAM	50	0	20.77	20.76	20.59	22	2
20	16QAM	50	24	20.54	20.69	20.59		
20	16QAM	50	50	20.63	20.69	20.57		
20

Band 25 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.67	22.74	22.70	24	0
20	QPSK	1	49	22.62	22.69	22.60		
20	QPSK	1	99	22.57	22.65	22.60		
20	QPSK	50	0	21.66	21.80	21.65	23	1
20	QPSK	50	24	21.59	21.70	21.64		
20	QPSK	50	50	21.58	21.67	21.61		
20	QPSK	100	0	21.64	21.77	21.72		
20	16QAM	1	0	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.60	21.74	21.58		
20	16QAM	1	99	21.62	21.71	21.63		
20	16QAM	50	0	20.60	20.81	20.68	22	2
20	16QAM	50	24	20.61	20.64	20.60		
20	16QAM	50	50	20.57	20.72	20.57		
20	16QAM	100	0	20.62	20.73	20.76		
20	64QAM	1	0	20.71	20.70	20.70	22	2
20	64QAM	1	49	20.59	20.79	20.57		
20	64QAM	1	99	20.64	20.69	20.64		
20	64QAM	50	0	19.64	19.74	19.61	21	3
20	64QAM	50	24	19.59	19.69	19.67		
20	64QAM	50	50	19.56	19.70	19.61		
20	64QAM	100	0	19.63	19.77	19.67		
20	256QAM	1	0	17.70	17.78	17.62	19	5
20	256QAM	1	49	17.59	17.72	17.65		
20	256QAM	1	99	17.53	17.69	17.56		
20	256QAM	50	0	17.64	17.73	17.68	19	5
20	256QAM	50	24	17.72	17.74	17.74		
20	256QAM	50	50	17.58	17.77	17.59		
20	256QAM	100	0	17.64	17.69	17.65		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.64	22.68	22.62	24	0
15	QPSK	1	37	22.52	22.63	22.49		
15	QPSK	1	74	22.46	22.55	22.51		
15	QPSK	36	0	21.61	21.78	21.62	23	1
15	QPSK	36	20	21.45	21.58	21.55		
15	QPSK	36	39	21.51	21.53	21.57		
15	QPSK	75	0	21.50	21.75	21.66		
15	16QAM	1	0	21.59	21.62	21.67	23	1
15	16QAM	1	37	21.49	21.71	21.50		
15	16QAM	1	74	21.53	21.65	21.49		
15	16QAM	36	0	20.50	20.77	20.65	22	2
15	16QAM	36	20	20.55	20.62	20.51		
15	16QAM	36	39	20.53	20.65	20.51		
15	16QAM	75	0	20.59	20.63	20.70		
15	64QAM	1	0	20.59	20.66	20.61	22	2
15	64QAM	1	37	20.54	20.74	20.48		
15	64QAM	1	74	20.50	20.60	20.53		
15	64QAM	36	0	19.60	19.71	19.49	21	3
15	64QAM	36	20	19.45	19.62	19.62		
15	64QAM	36	39	19.45	19.61	19.55		
15	64QAM	75	0	19.51	19.65	19.58		
15	256QAM	1	0	17.58	17.71	17.58	19	5
15	256QAM	1	37	17.51	17.68	17.52		
15	256QAM	1	74	17.47	17.56	17.46		
15	256QAM	36	0	17.55	17.70	17.54	19	5
15	256QAM	36	20	17.62	17.70	17.62		
15	256QAM	36	39	17.46	17.74	17.47		
15	256QAM	75	0	17.55	17.64	17.62		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.59	22.63	22.59	24	0
10	QPSK	1	25	22.48	22.66	22.46		
10	QPSK	1	49	22.52	22.61	22.53		
10	QPSK	25	0	21.59	21.66	21.58	23	1
10	QPSK	25	12	21.54	21.64	21.50		
10	QPSK	25	25	21.50	21.63	21.53		
10	QPSK	50	0	21.50	21.72	21.70		
10	16QAM	1	0	21.57	21.66	21.63	23	1
10	16QAM	1	25	21.47	21.61	21.54		
10	16QAM	1	49	21.51	21.61	21.50		
10	16QAM	25	0	20.50	20.69	20.59	22	2
10	16QAM	25	12	20.52	20.53	20.51		
10	16QAM	25	25	20.46	20.64	20.50		
10	16QAM	50	0	20.56	20.63	20.67		
10	64QAM	1	0	20.60	20.62	20.67	22	2
10	64QAM	1	25	20.45	20.67	20.44		
10	64QAM	1	49	20.51	20.55	20.61		
10	64QAM	25	0	19.53	19.72	19.53	21	3
10	64QAM	25	12	19.53	19.56	19.57		
10	64QAM	25	25	19.45	19.68	19.59		
10	64QAM	50	0	19.59	19.74	19.60		
10	256QAM	1	0	17.61	17.75	17.48	19	5
10	256QAM	1	25	17.46	17.60	17.56		
10	256QAM	1	49	17.50	17.59	17.45		
10	256QAM	25	0	17.56	17.65	17.57	19	5
10	256QAM	25	12	17.66	17.71	17.67		
10	256QAM	25	25	17.48	17.73	17.50		
10	256QAM	50	0	17.60	17.65	17.54		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.60	22.69	22.64	24	0
5	QPSK	1	12	22.52	22.59	22.55		
5	QPSK	1	24	22.50	22.52	22.56		
5	QPSK	12	0	21.55	21.76	21.59	23	1
5	QPSK	12	7	21.46	21.62	21.52		
5	QPSK	12	13	21.49	21.59	21.58		
5	QPSK	25	0	21.53	21.68	21.66		
5	16QAM	1	0	21.54	21.61	21.64	23	1
5	16QAM	1	12	21.46	21.71	21.52		
5	16QAM	1	24	21.55	21.62	21.59		
5	16QAM	12	0	20.53	20.72	20.58	22	2
5	16QAM	12	7	20.55	20.50	20.54		
5	16QAM	12	13	20.52	20.62	20.54		
5	16QAM	25	0	20.53	20.70	20.63		
5	64QAM	1	0	20.57	20.66	20.66	22	2
5	64QAM	1	12	20.47	20.65	20.55		
5	64QAM	1	24	20.60	20.59	20.57		
5	64QAM	12	0	19.53	19.61	19.51	21	3
5	64QAM	12	7	19.46	19.63	19.65		
5	64QAM	12	13	19.53	19.67	19.53		
5	64QAM	25	0	19.53	19.67	19.63		
5	256QAM	1	0	17.56	17.68	17.54	19	5
5	256QAM	1	12	17.55	17.69	17.56		
5	256QAM	1	24	17.50	17.58	17.46		
5	256QAM	12	0	17.58	17.65	17.59	19	5
5	256QAM	12	7	17.68	17.69	17.70		
5	256QAM	12	13	17.44	17.66	17.49		
5	256QAM	25	0	17.52	17.57	17.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.63	22.71	22.61	24	0
3	QPSK	1	8	22.55	22.59	22.47		
3	QPSK	1	14	22.46	22.62	22.53		
3	QPSK	8	0	21.56	21.67	21.58	23	1
3	QPSK	8	4	21.49	21.62	21.54		
3	QPSK	8	7	21.54	21.54	21.59		
3	QPSK	15	0	21.53	21.72	21.69		
3	16QAM	1	0	21.52	21.65	21.59	23	1
3	16QAM	1	8	21.57	21.61	21.50		
3	16QAM	1	14	21.55	21.61	21.55		
3	16QAM	8	0	20.51	20.73	20.65	22	2
3	16QAM	8	4	20.51	20.56	20.56		
3	16QAM	8	7	20.43	20.58	20.50		
3	16QAM	15	0	20.58	20.65	20.65		
3	64QAM	1	0	20.60	20.65	20.65	22	2
3	64QAM	1	8	20.53	20.74	20.54		
3	64QAM	1	14	20.53	20.61	20.62		
3	64QAM	8	0	19.59	19.67	19.56	21	3
3	64QAM	8	4	19.57	19.59	19.54		
3	64QAM	8	7	19.46	19.66	19.52		
3	64QAM	15	0	19.50	19.71	19.64		
3	256QAM	1	0	17.63	17.74	17.54	19	5
3	256QAM	1	8	17.47	17.64	17.57		
3	256QAM	1	14	17.44	17.62	17.48		
3	256QAM	8	0	17.53	17.67	17.65	19	5
3	256QAM	8	4	17.64	17.67	17.83		
3	256QAM	8	7	17.46	17.73	17.51		
3	256QAM	15	0	17.62	17.62	17.58		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.58	22.62	22.66	24	0
1.4	QPSK	1	3	22.48	22.58	22.48		
1.4	QPSK	1	5	22.47	22.55	22.49		
1.4	QPSK	3	0	22.56	22.52	22.59		
1.4	QPSK	3	1	22.39	22.46	22.36		
1.4	QPSK	3	3	22.42	22.49	22.47		
1.4	QPSK	6	0	21.56	21.64	21.63	23	1
1.4	16QAM	1	0	21.61	21.68	21.62	23	1
1.4	16QAM	1	3	21.48	21.62	21.47		
1.4	16QAM	1	5	21.57	21.68	21.56		
1.4	16QAM	3	0	21.51	21.59	21.60		
1.4	16QAM	3	1	21.50	21.56	21.65		
1.4	16QAM	3	3	21.37	21.48	21.36		
1.4	16QAM	6	0	20.52	20.68	20.73	22	2
1.4	64QAM	1	0	20.58	20.56	20.63	22	2
1.4	64QAM	1	3	20.51	20.66	20.49		
1.4	64QAM	1	5	20.52	20.61	20.53		
1.4	64QAM	3	0	20.48	20.60	20.60		
1.4	64QAM	3	1	20.46	20.43	20.53		
1.4	64QAM	3	3	20.47	20.56	20.43		
1.4	64QAM	6	0	19.50	19.70	19.54	21	3
1.4	256QAM	1	0	17.65	17.71	17.53	19	5
1.4	256QAM	1	3	17.47	17.68	17.52		
1.4	256QAM	1	5	17.45	17.56	17.48		
1.4	256QAM	3	0	17.52	17.71	17.54		
1.4	256QAM	3	1	17.59	17.66	17.62		
1.4	256QAM	3	3	17.49	17.74	17.47		
1.4	256QAM	6	0	17.51	17.56	17.60	19	5

Band 30 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.76		24	0
10	QPSK	1	25		22.74			
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.81		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.77			
10	16QAM	1	0		21.75		23	1
10	16QAM	1	25		21.71			
10	16QAM	1	49		21.72			
10	16QAM	25	0		20.78		22	2
10	16QAM	25	12		20.78			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.78		22	2
10	64QAM	1	25		20.77			
10	64QAM	1	49		20.72			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.76			
10	64QAM	25	25		19.68			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.77		19	5
10	256QAM	1	25		17.82			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.82		19	5
10	256QAM	25	12		17.73			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.71			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.69	22.73	22.67	24	0
5	QPSK	1	12	22.62	22.67	22.69		
5	QPSK	1	24	22.60	22.57	22.61		
5	QPSK	12	0	21.73	21.78	21.69	23	1
5	QPSK	12	7	21.69	21.64	21.69		
5	QPSK	12	13	21.54	21.63	21.61		
5	QPSK	25	0	21.71	21.71	21.65		
5	16QAM	1	0	21.67	21.67	21.62	23	1
5	16QAM	1	12	21.67	21.61	21.66		
5	16QAM	1	24	21.61	21.63	21.70		
5	16QAM	12	0	20.66	20.72	20.67	22	2
5	16QAM	12	7	20.68	20.73	20.73		
5	16QAM	12	13	20.63	20.56	20.66		
5	16QAM	25	0	20.72	20.70	20.69		
5	64QAM	1	0	20.72	20.69	20.65	22	2
5	64QAM	1	12	20.61	20.68	20.63		
5	64QAM	1	24	20.61	20.70	20.69		
5	64QAM	12	0	19.72	19.74	19.69	21	3
5	64QAM	12	7	19.67	19.70	19.69		
5	64QAM	12	13	19.58	19.62	19.59		
5	64QAM	25	0	19.74	19.72	19.72		
5	256QAM	1	0	17.67	17.63	17.70	19	5
5	256QAM	1	12	17.79	17.80	17.79		
5	256QAM	1	24	17.66	17.65	17.64		
5	256QAM	12	0	17.69	17.74	17.75	19	5
5	256QAM	12	7	17.66	17.71	17.63		
5	256QAM	12	13	17.68	17.64	17.66		
5	256QAM	25	0	17.59	17.57	17.62		

Band 66 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.79	22.81	22.75	24	0
20	QPSK	1	49	22.74	22.78	22.62		
20	QPSK	1	99	22.75	22.77	22.61		
20	QPSK	50	0	21.80	21.84	21.74	23	1
20	QPSK	50	24	21.73	21.80	21.58		
20	QPSK	50	50	21.73	21.79	21.67		
20	QPSK	100	0	21.82	21.83	21.77		
20	16QAM	1	0	21.83	21.80	21.74	23	1
20	16QAM	1	49	21.77	21.77	21.66		
20	16QAM	1	99	21.71	21.74	21.63		
20	16QAM	50	0	20.79	20.78	20.73	22	2
20	16QAM	50	24	20.78	20.76	20.59		
20	16QAM	50	50	20.71	20.84	20.64		
20	16QAM	100	0	20.76	20.83	20.74		
20	64QAM	1	0	20.79	20.74	20.76	22	2
20	64QAM	1	49	20.74	20.74	20.61		
20	64QAM	1	99	20.73	20.78	20.69		
20	64QAM	50	0	19.87	19.82	19.70	21	3
20	64QAM	50	24	19.72	19.83	19.57		
20	64QAM	50	50	19.68	19.83	19.70		
20	64QAM	100	0	19.83	19.84	19.81		
20	256QAM	1	0	17.79	17.87	17.79	19	5
20	256QAM	1	49	17.77	17.84	17.69		
20	256QAM	1	99	17.77	17.77	17.69		
20	256QAM	50	0	17.82	17.88	17.79	19	5
20	256QAM	50	24	17.81	17.82	17.76		
20	256QAM	50	50	17.80	17.76	17.70		
20	256QAM	100	0	17.73	17.77	17.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.67	22.72	22.65	24	0
15	QPSK	1	37	22.69	22.68	22.53		
15	QPSK	1	74	22.65	22.75	22.49		
15	QPSK	36	0	21.72	21.77	21.71	23	1
15	QPSK	36	20	21.63	21.75	21.54		
15	QPSK	36	39	21.66	21.66	21.64		
15	QPSK	75	0	21.78	21.76	21.73		
15	16QAM	1	0	21.72	21.70	21.61	23	1
15	16QAM	1	37	21.74	21.69	21.63		
15	16QAM	1	74	21.69	21.72	21.55		
15	16QAM	36	0	20.67	20.74	20.68	22	2
15	16QAM	36	20	20.69	20.69	20.45		
15	16QAM	36	39	20.61	20.81	20.60		
15	16QAM	75	0	20.71	20.71	20.60		
15	64QAM	1	0	20.77	20.71	20.73	22	2
15	64QAM	1	37	20.61	20.63	20.56		
15	64QAM	1	74	20.68	20.73	20.60		
15	64QAM	36	0	19.74	19.73	19.57	21	3
15	64QAM	36	20	19.63	19.71	19.53		
15	64QAM	36	39	19.56	19.72	19.60		
15	64QAM	75	0	19.80	19.71	19.70		
15	256QAM	1	0	17.68	17.82	17.70	19	5
15	256QAM	1	37	17.74	17.80	17.49		
15	256QAM	1	74	17.64	17.75	17.58		
15	256QAM	36	0	17.76	17.80	17.72	19	5
15	256QAM	36	20	17.70	17.79	17.69		
15	256QAM	36	39	17.72	17.65	17.56		
15	256QAM	75	0	17.70	17.63	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.76	22.77	22.70	24	0
10	QPSK	1	25	22.71	22.65	22.49		
10	QPSK	1	49	22.69	22.65	22.50		
10	QPSK	25	0	21.76	21.74	21.60	23	1
10	QPSK	25	12	21.68	21.72	21.45		
10	QPSK	25	25	21.65	21.66	21.60		
10	QPSK	50	0	21.79	21.72	21.64		
10	16QAM	1	0	21.80	21.77	21.61	23	1
10	16QAM	1	25	21.73	21.71	21.54		
10	16QAM	1	49	21.65	21.61	21.54		
10	16QAM	25	0	20.70	20.64	20.63	22	2
10	16QAM	25	12	20.67	20.66	20.46		
10	16QAM	25	25	20.57	20.73	20.60		
10	16QAM	50	0	20.71	20.72	20.67		
10	64QAM	1	0	20.73	20.62	20.71	22	2
10	64QAM	1	25	20.62	20.63	20.47		
10	64QAM	1	49	20.60	20.73	20.63		
10	64QAM	25	0	19.79	19.72	19.58	21	3
10	64QAM	25	12	19.59	19.72	19.50		
10	64QAM	25	25	19.57	19.70	19.57		
10	64QAM	50	0	19.69	19.78	19.70		
10	256QAM	1	0	17.73	17.84	17.71	19	5
10	256QAM	1	25	17.65	17.76	17.54		
10	256QAM	1	49	17.73	17.73	17.59		
10	256QAM	25	0	17.70	17.84	17.74	19	5
10	256QAM	25	12	17.74	17.78	17.64		
10	256QAM	25	25	17.73	17.68	17.61		
10	256QAM	50	0	17.70	17.68	17.63		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.69	22.75	22.69	24	0
5	QPSK	1	12	22.64	22.65	22.58		
5	QPSK	1	24	22.63	22.65	22.50		
5	QPSK	12	0	21.81	21.82	21.66	23	1
5	QPSK	12	7	21.68	21.70	21.47		
5	QPSK	12	13	21.63	21.74	21.60		
5	QPSK	25	0	21.71	21.70	21.66		
5	16QAM	1	0	21.80	21.69	21.72	23	1
5	16QAM	1	12	21.67	21.73	21.52		
5	16QAM	1	24	21.68	21.70	21.60		
5	16QAM	12	0	20.73	20.75	20.59	22	2
5	16QAM	12	7	20.73	20.71	20.53		
5	16QAM	12	13	20.58	20.78	20.54		
5	16QAM	25	0	20.71	20.80	20.69		
5	64QAM	1	0	20.69	20.61	20.74	22	2
5	64QAM	1	12	20.64	20.69	20.50		
5	64QAM	1	24	20.62	20.74	20.57		
5	64QAM	12	0	19.82	19.78	19.64	21	3
5	64QAM	12	7	19.63	19.70	19.52		
5	64QAM	12	13	19.65	19.75	19.57		
5	64QAM	25	0	19.76	19.79	19.76		
5	256QAM	1	0	17.73	17.74	17.67	19	5
5	256QAM	1	12	17.68	17.74	17.51		
5	256QAM	1	24	17.72	17.73	17.59		
5	256QAM	12	0	17.73	17.76	17.66	19	5
5	256QAM	12	7	17.70	17.70	17.72		
5	256QAM	12	13	17.73	17.64	17.57		
5	256QAM	25	0	17.65	17.66	17.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.65	22.75	22.64	24	0
3	QPSK	1	8	22.61	22.67	22.57		
3	QPSK	1	14	22.66	22.67	22.56		
3	QPSK	8	0	21.70	21.80	21.66	23	1
3	QPSK	8	4	21.64	21.77	21.47		
3	QPSK	8	7	21.60	21.77	21.58		
3	QPSK	15	0	21.74	21.77	21.74		
3	16QAM	1	0	21.74	21.77	21.66	23	1
3	16QAM	1	8	21.73	21.73	21.58		
3	16QAM	1	14	21.68	21.69	21.60		
3	16QAM	8	0	20.72	20.74	20.65	22	2
3	16QAM	8	4	20.66	20.66	20.52		
3	16QAM	8	7	20.60	20.76	20.61		
3	16QAM	15	0	20.73	20.78	20.67		
3	64QAM	1	0	20.77	20.69	20.66	22	2
3	64QAM	1	8	20.68	20.70	20.53		
3	64QAM	1	14	20.63	20.76	20.56		
3	64QAM	8	0	19.77	19.71	19.66	21	3
3	64QAM	8	4	19.63	19.70	19.47		
3	64QAM	8	7	19.56	19.71	19.64		
3	64QAM	15	0	19.71	19.75	19.75		
3	256QAM	1	0	17.70	17.80	17.73

Band 38 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.44	23.49	23.44	25	0
20	QPSK	1	49	23.40	23.45	23.31		
20	QPSK	1	99	23.36	23.47	23.37		
20	QPSK	50	0	22.43	22.46	22.43	24	1
20	QPSK	50	24	22.41	22.39	22.30		
20	QPSK	50	50	22.29	22.43	22.36		
20	QPSK	100	0	22.42	22.43	22.41		
20	16QAM	1	0	22.45	22.45	22.47	24	1
20	16QAM	1	49	22.37	22.40	22.30		
20	16QAM	1	99	22.32	22.48	22.42		
20	16QAM	50	0	21.47	21.54	21.40	23	2
20	16QAM	50	24	21.29	21.42	21.20		
20	16QAM	50	50	21.38	21.46	21.36		
20	16QAM	100	0	21.41	21.54	21.48		
20	64QAM	1	0	21.48	21.48	21.41	23	2
20	64QAM	1	49	21.25	21.41	21.31		
20	64QAM	1	99	21.33	21.47	21.41		
20	64QAM	50	0	20.41	20.46	20.50	22	3
20	64QAM	50	24	20.37	20.45	20.34		
20	64QAM	50	50	20.35	20.54	20.42		
20	64QAM	100	0	20.46	20.54	20.37		
20	256QAM	1	0	18.39	18.46	18.44	20	5
20	256QAM	1	49	18.45	18.44	18.26		
20	256QAM	1	99	18.29	18.53	18.36		
20	256QAM	50	0	18.30	18.48	18.39	20	5
20	256QAM	50	24	18.49	18.45	18.46		
20	256QAM	50	50	18.34	18.46	18.24		
20	256QAM	100	0	18.26	18.38	18.37		
Channel				37925	38000	38075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.35	23.40	23.32	25	0
15	QPSK	1	37	23.27	23.29	23.23		
15	QPSK	1	74	23.23	23.41	23.32		
15	QPSK	36	0	22.29	22.36	22.34	24	1
15	QPSK	36	20	22.31	22.25	22.18		
15	QPSK	36	39	22.19	22.48	22.25		
15	QPSK	75	0	22.31	22.34	22.35		
15	16QAM	1	0	22.39	22.32	22.34	24	1
15	16QAM	1	37	22.22	22.25	22.21		
15	16QAM	1	74	22.24	22.39	22.34		
15	16QAM	36	0	21.42	21.44	21.34	23	2
15	16QAM	36	20	21.23	21.30	21.11		
15	16QAM	36	39	21.26	21.37	21.28		
15	16QAM	75	0	21.36	21.39	21.38		
15	64QAM	1	0	21.37	21.34	21.31	23	2
15	64QAM	1	37	21.20	21.32	21.20		
15	64QAM	1	74	21.18	21.36	21.33		
15	64QAM	36	0	20.30	20.36	20.38	22	3
15	64QAM	36	20	20.29	20.30	20.22		
15	64QAM	36	39	20.28	20.43	20.36		
15	64QAM	75	0	20.38	20.45	20.28		
15	256QAM	1	0	18.28	18.39	18.38	20	5
15	256QAM	1	37	18.32	18.34	18.11		
15	256QAM	1	74	18.22	18.46	18.27		
15	256QAM	36	0	18.24	18.39	18.35	20	5
15	256QAM	36	20	18.34	18.34	18.32		
15	256QAM	36	39	18.25	18.40	18.14		
15	256QAM	75	0	18.13	18.23	18.33		
Channel				37950	38000	38050	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.34	23.43	23.29	25	0
10	QPSK	1	25	23.27	23.35	23.22		
10	QPSK	1	49	23.28	23.34	23.23		
10	QPSK	25	0	22.36	22.33	22.45	24	1
10	QPSK	25	12	22.27	22.34	22.24		
10	QPSK	25	25	22.13	22.41	22.27		
10	QPSK	50	0	22.29	22.32	22.25		
10	16QAM	1	0	22.32	22.34	22.34	24	1
10	16QAM	1	25	22.32	22.35	22.21		
10	16QAM	1	49	22.26	22.44	22.34		
10	16QAM	25	0	21.41	21.41	21.35	23	2
10	16QAM	25	12	21.17	21.30	21.08		
10	16QAM	25	25	21.24	21.33	21.31		
10	16QAM	50	0	21.35	21.38	21.40		
10	64QAM	1	0	21.37	21.37	21.36	23	2
10	64QAM	1	25	21.10	21.36	21.23		
10	64QAM	1	49	21.21	21.39	21.32		
10	64QAM	25	0	20.26	20.31	20.35	22	3
10	64QAM	25	12	20.22	20.39	20.19		
10	64QAM	25	25	20.26	20.46	20.38		
10	64QAM	50	0	20.39	20.39	20.25		
10	256QAM	1	0	18.23	18.30	18.35	20	5
10	256QAM	1	25	18.38	18.36	18.10		
10	256QAM	1	49	18.18	18.46	18.21		
10	256QAM	25	0	18.19	18.41	18.24	20	5
10	256QAM	25	12	18.44	18.36	18.31		
10	256QAM	25	25	18.27	18.36	18.20		
10	256QAM	50	0	18.12	18.29	18.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.37	23.44	23.32	25	0
5	QPSK	1	12	23.29	23.40	23.26		
5	QPSK	1	24	23.29	23.33	23.30		
5	QPSK	12	0	22.27	22.32	22.44	24	1
5	QPSK	12	7	22.36	22.28	22.19		
5	QPSK	12	13	22.18	22.42	22.30		
5	QPSK	25	0	22.35	22.31	22.36		
5	16QAM	1	0	22.35	22.39	22.39	24	1
5	16QAM	1	12	22.27	22.31	22.22		
5	16QAM	1	24	22.24	22.38	22.32		
5	16QAM	12	0	21.35	21.41	21.24	23	2
5	16QAM	12	7	21.18	21.32	21.16		
5	16QAM	12	13	21.30	21.34	21.29		
5	16QAM	25	0	21.32	21.40	21.40		
5	64QAM	1	0	21.38	21.36	21.29	23	2
5	64QAM	1	12	21.19	21.30	21.19		
5	64QAM	1	24	21.22	21.37	21.34		
5	64QAM	12	0	20.28	20.39	20.36	22	3
5	64QAM	12	7	20.32	20.36	20.19		
5	64QAM	12	13	20.28	20.49	20.37		
5	64QAM	25	0	20.34	20.45	20.32		
5	256QAM	1	0	18.25	18.39	18.35	20	5
5	256QAM	1	12	18.36	18.32	18.18		
5	256QAM	1	24	18.15	18.49	18.29		
5	256QAM	12	0	18.20	18.39	18.26	20	5
5	256QAM	12	7	18.43	18.30	18.33		
5	256QAM	12	13	18.25	18.41	18.15		
5	256QAM	25	0	18.19	18.31	18.25		

Band 41 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.89	23.96	23.98	23.91	23.86	25	0
20	QPSK	1	49	23.76	23.90	23.95	23.82	23.82		
20	QPSK	1	99	23.85	23.83	23.92	23.84	23.75		
20	QPSK	50	0	22.86	22.95	23.00	22.94	22.82	24	1
20	QPSK	50	24	22.72	22.86	22.91	22.77	22.78		
20	QPSK	50	50	22.89	22.85	22.97	22.84	22.71		
20	QPSK	100	0	22.89	22.91	22.96	22.86	22.86		
20	16QAM	1	0	22.88	23.00	22.93	22.93	22.80	24	1
20	16QAM	1	49	22.78	22.87	22.94	22.78	22.87		
20	16QAM	1	99	22.85	22.86	22.93	22.87	22.78		
20	16QAM	50	0	21.87	21.94	22.05	21.93	21.79	23	2
20	16QAM	50	24	21.72	21.82	21.92	21.71	21.80		
20	16QAM	50	50	21.83	21.91	22.01	21.89	21.76		
20	16QAM	100	0	21.91	21.93	22.01	21.93	21.92		
20	64QAM	1	0	21.89	21.96	21.94	21.89	21.79	23	2
20	64QAM	1	49	21.77	21.81	21.88	21.78	21.90		
20	64QAM	1	99	21.81	21.83	21.97	21.92	21.80		
20	64QAM	50	0	20.86	20.97	21.01	20.95	20.82	22	3
20	64QAM	50	24	20.73	20.85	20.93	20.80	20.73		
20	64QAM	50	50	20.93	20.79	20.99	20.89	20.68		
20	64QAM	100	0	20.94	20.95	20.99	20.91	20.85		
20	256QAM	1	0	18.83	18.91	18.94	18.98	18.82	20	5
20	256QAM	1	49	18.68	18.89	18.91	18.78	18.73		
20	256QAM	1	99	18.87	18.84	19.03	18.90	18.76		
20	256QAM	50	0	18.87	18.85	18.93	18.94	18.85	20	5
20	256QAM	50	24	18.91	19.02	18.93	18.91	18.85		
20	256QAM	50	50	18.81	18.83	18.94	18.72	18.83		
20	256QAM	100	0	18.83	18.81	18.88	18.82	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.76	23.92	23.95	23.84	23.79	25	0
15	QPSK	1	37	23.69	23.76	23.91	23.69	23.72		
15	QPSK	1	74	23.80	23.78	23.89	23.79	23.70		
15	QPSK	36	0	22.74	22.87	22.93	22.82	22.72	24	1
15	QPSK	36	20	22.64	22.79	22.88	22.72	22.68		
15	QPSK	36	39	22.84	22.73	22.86	22.79	22.67		
15	QPSK	75	0	22.85	22.81	22.90	22.82	22.77		
15	16QAM	1	0	22.81	22.95	22.88	22.86	22.71	24	1
15	16QAM	1	37	22.70	22.78	22.89	22.64	22.79		
15	16QAM	1	74	22.74	22.83	22.83	22.80	22.70		
15	16QAM	36	0	21.83	21.85	21.92	21.88	21.66	23	2
15	16QAM	36	20	21.65	21.72	21.83	21.65	21.70		
15	16QAM	36	39	21.70	21.88	21.95	21.80	21.66		
15	16QAM	75	0	21.85	21.85	21.90	21.89	21.81		
15	64QAM	1	0	21.86	21.91	21.89	21.85	21.68	23	2
15	64QAM	1	37	21.69	21.70	21.84	21.74	21.83		
15	64QAM	1	74	21.69	21.72	21.90	21.82	21.68		
15	64QAM	36	0	20.82	20.89	20.87	20.90	20.79	22	3
15	64QAM	36	20	20.62	20.81	20.82	20.67	20.67		
15	64QAM	36	39	20.82	20.68	20.91	20.83	20.62		
15	64QAM	75	0	20.91	20.87	20.92	20.86	20.76		
15	256QAM	1	0	18.74	18.86	18.84	18.93	18.70	20	5
15	256QAM	1	37	18.57	18.83	18.80	18.66	18.64		
15	256QAM	1	74	18.74	18.75	18.97	18.83	18.64		
15	256QAM	36	0	18.80	18.77	18.85	18.85	18.79	20	5
15	256QAM	36	20	18.86	18.96	18.79	18.89	18.78		
15	256QAM	36	39	18.75	18.80	18.81	18.70	18.78		
15	256QAM	75	0	18.80	18.69	18.83	18.72	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.87	23.92	23.91	23.80	23.74	25	0
10	QPSK	1	25	23.63	23.79	23.85	23.79	23.69		
10	QPSK	1	49	23.81	23.70	23.82	23.70	23.68		
10	QPSK	25	0	22.76	22.91	22.90	22.87	22.79	24	1
10	QPSK	25	12	22.66	22.73	22.80	22.70	22.69		
10	QPSK	25	25	22.85	22.71	22.93	22.76	22.66		
10	QPSK	50	0	22.86	22.79	22.83	22.80	22.76		
10	16QAM	1	0	22.85	22.91	22.89	22.90	22.69	24	1
10	16QAM	1	25	22.67	22.77	22.88	22.74	22.84		
10	16QAM	1	49	22.74	22.73	22.80	22.73	22.68		
10	16QAM	25	0	21.80	21.84	21.95	21.89	21.68	23	2
10	16QAM	25	12	21.59	21.74	21.81	21.61	21.72		
10	16QAM	25	25	21.79	21.86	21.94	21.86	21.63		
10	16QAM	50	0	21.77	21.81	21.91	21.88	21.88		
10	64QAM	1	0	21.82	21.85	21.84	21.82	21.73	23	2
10	64QAM	1	25	21.68	21.71	21.81	21.71	21.78		
10	64QAM	1	49	21.68	21.77	21.88	21.89	21.77		
10	64QAM	25	0	20.78	20.85	20.94	20.89	20.78	22	3
10	64QAM	25	12	20.70	20.73	20.86	20.70	20.59		
10	64QAM	25	25	20.88	20.76	20.89	20.82	20.57		
10	64QAM	50	0	20.87	20.88	20.87	20.81	20.82		
10	256QAM	1	0	18.75	18.82	18.85	18.87	18.78	20	5
10	256QAM	1	25	18.60	18.85	18.84	18.67	18.62		
10	256QAM	1	49	18.73	18.80	18.92	18.83	18.69		
10	256QAM	25	0	18.74	18.75	18.83	18.88	18.73	20	5
10	256QAM	25	12	18.79	19.00	18.84	18.85	18.76		
10	256QAM	25	25	18.68	18.79	18.84	18.68	18.77		
10	256QAM	50	0	18.70	18.72	18.86	18.68	18.68		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.77	23.86	23.95	23.79	23.74	25	0
5	QPSK	1	12	23.73	23.77	23.85	23.71	23.79		
5	QPSK	1	24	23.76	23.72	23.80	23.74	23.66		
5	QPSK	12	0	22.80	22.93	22.96	22.84	22.75	24	1
5	QPSK	12	7	22.66	22.77	22.83	22.67	22.66		
5	QPSK	12	13	22.83	22.81	22.86	22.80	22.64		
5	QPSK	25	0	22.80	22.82	22.85	22.84	22.79		
5	16QAM	1	0	22.85	22.95	22.82	22.85	22.69	24	1
5	16QAM	1	12	22.76	22.80	22.82	22.68	22.75		
5	16QAM	1	24	22.72	22.74	22.89	22.81	22.65		
5	16QAM	12	0	21.76	21.83	21.99	21.90	21.70	23	2
5	16QAM	12	7	21.68	21.76	21.85	21.57	21.70		
5	16QAM	12	13	21.76	21.87	21.94	21.80	21.72		
5	16QAM	25	0	21.83	21.91	21.98	21.82	21.90		
5	64QAM	1	0	21.78	21.90	21.90	21.76	21.73	23	2
5	64QAM	1	12	21.72	21.74	21.83	21.71	21.86		
5	64QAM	1	24	21.74	21.73	21.93	21.87	21.71		
5	64QAM	12	0	20.72	20.84	20.92	20.87	20.70	22	3
5	64QAM	12	7	20.62	20.71	20.89	20.77	20.68		
5	64QAM	12	13	20.80	20.69	20.93	20.76	20.61		
5	64QAM	25	0	20.81	20.92	20.96	20.87	20.79	20	5
5	256QAM	1	0	18.70	18.77	18.90	18.92	18.79		
5	256QAM	1	12	18.59	18.82	18.87	18.65	18.63		
5	256QAM	1	24	18.80	18.78	18.91	18.79	18.64		
5	256QAM	12	0	18.74	18.71	18.88	18.82	18.79	20	5
5	256QAM	12	7	18.86	18.95	18.81	18.86	18.80		
5	256QAM	12	13	18.72	18.76	18.92	18.68	18.73		
5	256QAM	25	0	18.76	18.78	18.74	18.69	18.77		

Band 41 HPUE Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.92	25.96	26.00	25.95	25.82	27	0
20	QPSK	1	49	25.75	25.84	25.97	25.87	25.85		
20	QPSK	1	99	25.90	25.87	25.91	25.89	25.69		
20	QPSK	50	0	24.87	24.93	25.05	24.97	24.82	26	1
20	QPSK	50	24	24.68	24.92	24.88	24.78	24.73		
20	QPSK	50	50	24.92	24.83	24.97	24.89	24.70		
20	QPSK	100	0	24.93	24.92	25.03	24.92	24.83		
20	16QAM	1	0	24.88	25.00	24.95	24.97	24.81	26	1
20	16QAM	1	49	24.81	24.90	24.90	24.83	24.83		
20	16QAM	1	99	24.87	24.84	24.96	24.86	24.78		
20	16QAM	50	0	23.85	23.99	24.05	23.96	23.75	25	2
20	16QAM	50	24	23.75	23.77	23.94	23.72	23.80		
20	16QAM	50	50	23.88	23.89	24.02	23.83	23.78		
20	16QAM	100	0	23.90	23.93	23.97	23.89	23.90		
20	64QAM	1	0	23.86	24.01	23.94	23.90	23.84	25	2
20	64QAM	1	49	23.80	23.75	23.87	23.80	23.88		
20	64QAM	1	99	23.77	23.86	23.91	23.94	23.76		
20	64QAM	50	0	22.90	22.93	22.96	22.92	22.85	24	3
20	64QAM	50	24	22.73	22.89	22.92	22.80	22.74		
20	64QAM	50	50	22.92	22.84	23.02	22.93	22.72		
20	64QAM	100	0	22.95	23.01	22.98	22.94	22.85		
20	256QAM	1	0	20.83	20.88	20.89	21.03	20.77	22	5
20	256QAM	1	49	20.70	20.95	20.87	20.81	20.69		
20	256QAM	1	99	20.85	20.83	21.07	20.93	20.73		
20	256QAM	50	0	20.89	20.87	20.97	20.99	20.82	22	5
20	256QAM	50	24	20.94	21.04	20.99	20.91	20.84		
20	256QAM	50	50	20.83	20.78	20.89	20.70	20.87		
20	256QAM	100	0	20.78	20.80	20.89	20.83	20.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.79	25.85	25.91	25.83	25.80	27	0
15	QPSK	1	37	25.71	25.77	25.92	25.78	25.80		
15	QPSK	1	74	25.80	25.75	25.77	25.87	25.63		
15	QPSK	36	0	24.82	24.86	24.98	24.89	24.74	26	1
15	QPSK	36	20	24.55	24.81	24.85	24.73	24.66		
15	QPSK	36	39	24.82	24.72	24.91	24.85	24.68		
15	QPSK	75	0	24.82	24.86	24.96	24.82	24.75		
15	16QAM	1	0	24.76	24.95	24.93	24.89	24.77	26	1
15	16QAM	1	37	24.68	24.76	24.87	24.80	24.69		
15	16QAM	1	74	24.81	24.77	24.91	24.75	24.73		
15	16QAM	36	0	23.75	23.85	23.94	23.84	23.65	25	2
15	16QAM	36	20	23.70	23.64	23.91	23.68	23.73		
15	16QAM	36	39	23.82	23.77	23.92	23.74	23.71		
15	16QAM	75	0	23.86	23.80	23.93	23.80	23.77		
15	64QAM	1	0	23.82	23.98	23.82	23.78	23.81	25	2
15	64QAM	1	37	23.70	23.65	23.75	23.73	23.80		
15	64QAM	1	74	23.72	23.79	23.83	23.85	23.65		
15	64QAM	36	0	22.82	22.86	22.90	22.81	22.77	24	3
15	64QAM	36	20	22.64	22.78	22.83	22.70	22.65		
15	64QAM	36	39	22.88	22.78	22.99	22.81	22.66		
15	64QAM	75	0	22.83	22.91	22.91	22.89	22.81		
15	256QAM	1	0	20.72	20.77	20.86	20.92	20.70	22	5
15	256QAM	1	37	20.64	20.93	20.79	20.68	20.55		
15	256QAM	1	74	20.77	20.72	20.97	20.89	20.67		
15	256QAM	36	0	20.86	20.82	20.93	20.87	20.77	22	5
15	256QAM	36	20	20.90	20.91	20.92	20.77	20.80		
15	256QAM	36	39	20.76	20.70	20.80	20.61	20.79		
15	256QAM	75	0	20.65	20.66	20.80	20.71	20.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.87	25.93	25.90	25.84	25.73	27	0
10	QPSK	1	25	25.69	25.80	25.88	25.81	25.78		
10	QPSK	1	49	25.86	25.83	25.78	25.84	25.59		
10	QPSK	25	0	24.74	24.83	24.92	24.85	24.78	26	1
10	QPSK	25	12	24.64	24.80	24.76	24.66	24.69		
10	QPSK	25	25	24.82	24.79	24.88	24.77	24.63		
10	QPSK	50	0	24.80	24.79	25.00	24.80	24.69		
10	16QAM	1	0	24.76	24.92	24.83	24.89	24.70	26	1
10	16QAM	1	25	24.70	24.78	24.85	24.77	24.70		
10	16QAM	1	49	24.84	24.72	24.92	24.82	24.67		
10	16QAM	25	0	23.75	23.92	23.95	23.93	23.66	25	2
10	16QAM	25	12	23.72	23.63	23.87	23.62	23.78		
10	16QAM	25	25	23.84	23.79	23.92	23.72	23.67		
10	16QAM	50	0	23.82	23.86	23.87	23.87	23.78		
10	64QAM	1	0	23.74	23.88	23.90	23.81	23.76	25	2
10	64QAM	1	25	23.67	23.72	23.75	23.76	23.82		
10	64QAM	1	49	23.71	23.73	23.78	23.83

Band 2 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.91	22.95	22.88		
20	QPSK	1	49	22.78	22.92	22.74	24	0
20	QPSK	1	99	22.82	22.91	22.98		
20	QPSK	50	0	21.95	21.98	21.94		
20	QPSK	50	24	21.77	21.96	21.71	23	1
20	QPSK	50	50	21.87	21.91	21.84		
20	QPSK	100	0	21.91	21.95	21.86		
20	16QAM	1	0	21.90	21.93	21.91		
20	16QAM	1	49	21.82	21.95	21.77	23	1
20	16QAM	1	99	21.83	21.97	21.83		
20	16QAM	50	0	20.93	20.96	20.98		
20	16QAM	50	24	20.83	20.94	20.75	22	2
20	16QAM	50	50	20.87	20.90	20.83		
20	16QAM	100	0	20.93	20.91	20.92		
20	64QAM	1	0	20.90	20.91	20.91		
20	64QAM	1	49	20.77	20.90	20.74	22	2
20	64QAM	1	99	20.85	20.95	20.86		
20	64QAM	50	0	19.96	19.96	19.92		
20	64QAM	50	24	19.78	19.96	19.66	21	3
20	64QAM	50	50	19.86	19.88	19.84		
20	64QAM	100	0	20.02	19.93	19.80		
20	256QAM	1	0	17.92	17.97	17.89		
20	256QAM	1	49	17.75	18.00	17.73	19	5
20	256QAM	1	99	17.93	17.88	17.87		
20	256QAM	50	0	17.93	17.89	17.85		
20	256QAM	50	24	17.98	17.89	17.94	19	5
20	256QAM	50	50	17.79	17.90	17.72		
20	256QAM	100	0	17.78	17.99	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.86	22.92	22.75		
15	QPSK	1	37	22.76	22.87	22.71	24	0
15	QPSK	1	74	22.71	22.81	22.75		
15	QPSK	36	0	21.91	21.93	21.92		
15	QPSK	36	20	21.74	21.85	21.69	23	1
15	QPSK	36	39	21.74	21.86	21.81		
15	QPSK	75	0	21.84	21.83	21.83		
15	16QAM	1	0	21.83	21.82	21.79		
15	16QAM	1	37	21.73	21.84	21.75	23	1
15	16QAM	1	74	21.72	21.92	21.76		
15	16QAM	36	0	20.80	20.86	20.89		
15	16QAM	36	20	20.73	20.86	20.69	22	2
15	16QAM	36	39	20.79	20.83	20.71		
15	16QAM	75	0	20.81	20.84	20.82		
15	64QAM	1	0	20.82	20.81	20.84		
15	64QAM	1	37	20.69	20.82	20.67	22	2
15	64QAM	1	74	20.78	20.86	20.81		
15	64QAM	36	0	19.86	19.85	19.88		
15	64QAM	36	20	19.75	19.84	19.53	21	3
15	64QAM	36	39	19.74	19.84	19.78		
15	64QAM	75	0	19.97	19.79	19.77		
15	256QAM	1	0	17.84	17.88	17.86		
15	256QAM	1	37	17.85	17.96	17.70	19	5
15	256QAM	1	74	17.81	17.85	17.81		
15	256QAM	36	0	17.85	17.86	17.71		
15	256QAM	36	20	17.85	17.76	17.86	19	5
15	256QAM	36	39	17.85	17.79	17.70		
15	256QAM	75	0	17.75	17.92	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.86	22.90	22.77		
10	QPSK	1	25	22.71	22.81	22.67	24	0
10	QPSK	1	49	22.75	22.89	22.73		
10	QPSK	25	0	21.87	21.90	21.88		
10	QPSK	25	12	21.66	21.83	21.63	23	1
10	QPSK	25	25	21.73	21.87	21.81		
10	QPSK	50	0	21.90	21.86	21.77		
10	16QAM	1	0	21.88	21.80	21.84		
10	16QAM	1	25	21.72	21.91	21.70	23	1
10	16QAM	1	49	21.74	21.88	21.77		
10	16QAM	25	0	20.86	20.86	20.87		
10	16QAM	25	12	20.72	20.89	20.68	22	2
10	16QAM	25	25	20.83	20.86	20.79		
10	16QAM	50	0	20.80	20.85	20.80		
10	64QAM	1	0	20.82	20.86	20.78		
10	64QAM	1	25	20.75	20.79	20.66	22	2
10	64QAM	1	49	20.79	20.89	20.78		
10	64QAM	25	0	19.91	19.86	19.79		
10	64QAM	25	12	19.67	19.84	19.53	21	3
10	64QAM	25	25	19.77	19.82	19.73		
10	64QAM	50	0	19.96	19.84	19.69		
10	256QAM	1	0	17.85	17.86	17.76		
10	256QAM	1	25	17.63	17.94	17.67	19	5
10	256QAM	1	49	17.87	17.75	17.74		
10	256QAM	25	0	17.84	17.78	17.74		
10	256QAM	25	12	17.86	17.76	17.81	19	5
10	256QAM	25	25	17.70	17.77	17.67		
10	256QAM	50	0	17.70	17.94	17.74		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.79	22.87	22.84		
5	QPSK	1	12	22.69	22.81	22.69	24	0
5	QPSK	1	24	22.73	22.80	22.77		
5	QPSK	12	0	21.93	21.91	21.80		
5	QPSK	12	7	21.65	21.90	21.66	23	1
5	QPSK	12	13	21.79	21.88	21.81		
5	QPSK	25	0	21.87	21.92	21.74		
5	16QAM	1	0	21.91	21.81	21.83		
5	16QAM	1	12	21.77	21.90	21.72	23	1
5	16QAM	1	24	21.70	21.84	21.78		
5	16QAM	12	0	20.84	20.94	20.92		
5	16QAM	12	7	20.70	20.81	20.66	22	2
5	16QAM	12	13	20.83	20.87	20.75		
5	16QAM	25	0	20.90	20.79	20.80		
5	64QAM	1	0	20.76	20.86	20.84		
5	64QAM	1	12	20.75	20.77	20.63	22	2
5	64QAM	1	24	20.79	20.88	20.83		
5	64QAM	12	0	19.85	19.88	19.83		
5	64QAM	12	7	19.74	19.92	19.57	21	3
5	64QAM	12	13	19.80	19.76	19.78		
5	64QAM	25	0	19.88	19.84	19.75		
5	256QAM	1	0	17.85	17.85	17.76		
5	256QAM	1	12	17.71	17.90	17.69	19	5
5	256QAM	1	24	17.90	17.82	17.76		
5	256QAM	12	0	17.84	17.86	17.81		
5	256QAM	12	7	17.96	17.80	17.80	19	5
5	256QAM	12	13	17.67	17.83	17.64		
5	256QAM	25	0	17.70	17.92	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.90	22.79		
3	QPSK	1	8	22.67	22.84	22.67	24	0
3	QPSK	1	14	22.72	22.87	22.67		
3	QPSK	8	0	21.88	21.89	21.91		
3	QPSK	8	4	21.68	21.92	21.67	23	1
3	QPSK	8	7	21.76	21.84	21.73		
3	QPSK	15	0	21.84	21.93	21.78		
3	16QAM	1	0	21.85	21.84	21.79		
3	16QAM	1	8	21.69	21.88	21.68	23	1
3	16QAM	1	14	21.79	21.95	21.76		
3	16QAM	8	0	20.85	20.90	20.95		
3	16QAM	8	4	20.76	20.80	20.63	22	2
3	16QAM	8	7	20.79	20.82	20.76		
3	16QAM	15	0	20.82	20.87	20.88		
3	64QAM	1	0	20.79	20.81	20.79		
3	64QAM	1	8	20.68	20.82	20.65	22	2
3	64QAM	1	14	20.82	20.85	20.75		
3	64QAM	8	0	19.85	19.87	19.90		
3	64QAM	8	4	19.64	19.89	19.60	21	3
3	64QAM	8	7	19.79	19.85	19.80		
3	64QAM	15	0	19.90	19.83	19.76		
3	256QAM	1	0	17.78	17.93	17.80		
3	256QAM	1	8	17.67	17.97	17.70	19	5
3	256QAM	1	14	17.79	17.82	17.78		
3	256QAM	8	0	17.86	17.84	17.79		
3	256QAM	8	4	17.90	17.78	17.87	19	5
3	256QAM	8	7	17.68	17.87	17.61		
3	256QAM	15	0	17.67	17.93	17.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.88	22.81	22.75		
1.4	QPSK	1	3	22.70	22.83	22.69		
1.4	QPSK	1	5	22.74	22.84	22.71	24	0
1.4	QPSK	3	0	22.78	22.72	22.69		
1.4	QPSK	3	1	22.57	22.71	22.55		
1.4	QPSK	3	3	22.62	22.75	22.67		
1.4	QPSK	6	0	21.87	21.82	21.83	23	1
1.4	16QAM	1	0	21.92	21.82	21.88		
1.4	16QAM	1	3	21.69	21.93	21.66		
1.4	16QAM	1	5	21.81	21.93	21.78	23	1
1.4	16QAM	3	0	21.75	21.77	21.75		
1.4	16QAM	3	1	21.81	21.71	21.76		
1.4	16QAM	3	3	21.55	21.81	21.53		
1.4	16QAM	6	0	20.79	20.80	20.78	22	2
1.4	64QAM	1	0	20.85	20.82	20.79		
1.4	64QAM	1	3	20.67	20.87	20.60		
1.4	64QAM	1	5	20.81	20.82	20.78	22	2
1.4	64QAM	3	0	20.74	20.72	20.67		
1.4	64QAM	3	1	20.78	20.80	20.66		
1.4	64QAM	3	3	20.60	20.74	20.46		
1.4	64QAM	6	0	19.96	19.85	19.73	21	3
1.4	256QAM	1	0	17.84	17.88	17.78		
1.4	256QAM	1	3	17.72	17.90	17.59		
1.4	256QAM	1	5	17.81	17.77	17.74	19	5
1.4	256QAM	3	0	17.82	17.83	17.80		
1.4	256QAM	3	1	17.88	17.80	17.89		
1.4	256QAM	3	3	17.71	17.80	17.67		
1.4	256QAM	6	0	17.68	17.91	17.71	19	5

Band 4 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.51	22.52	22.49		
20	QPSK	1	49	22.39	22.48	22.41	24	0
20	QPSK	1	99	22.38	22.45	22.37		
20	QPSK	50	0	21.45	21.54	21.50		
20	QPSK	50	24	21.43	21.52	21.43	23	1
20	QPSK	50	50	21.39	21.48	21.42		
20	QPSK	100	0	21.47	21.50	21.47		
20	16QAM	1	0	21.46	21.49	21.51		
20	16QAM	1	49	21.39	21.46	21.47	23	1
20	16QAM	1	99	21.38	21.47	21.39		
20	16QAM	50	0	20.45	20.60	20.52		
20	16QAM	50	24	20.45	20.48	20.41	22	2
20	16QAM	50	50	20.42	20.54	20.48		
20	16QAM	100	0	20.43	20.51	20.50		
20	64QAM	1	0	20.46	20.53	20.55		
20	64QAM	1	49	20.38	20.45	20.45	22	2
20	64QAM	1	99	20.37	20.43	20.37		
20	64QAM	50	0	19.41	19.60	19.49		
20	64QAM	50	24	19.39	19.53	19.40	21	3
20	64QAM	50	50	19.39	19.44	19.42		
20	64QAM	100	0	19.51	19.46	19.53		
20	256QAM	1	0	17.45	17.57	17.54		
20	256QAM	1	49	17.41	17.54	17.46	19	5
20	256QAM	1	99	17.39	17.44	17.42		
20	256QAM	50	0	17.42	17.50	17.50		
20	256QAM	50	24	17.44	17.51	17.53	19	5
20	256QAM	50	50	17.36	17.52	17.52		
20	256QAM	100	0	17.43	17.51	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.47	22.47	22.41		
15	QPSK	1	37	22.36	22.34	22.22	24	0
15	QPSK	1	74	22.35	22.42	22.23		
15	QPSK	36	0	21.33	21.51	21.37		
15	QPSK	36	20	21.35	21.49	21.30	23	1
15	QPSK	36	39	21.30	21.44	21.38		
15	QPSK	75	0	21.34	21.38	21.40		
15	16QAM	1	0	21.34	21.38	21.40		
15	16QAM	1	37	21.37	21.39	21.44	23	1
15	16QAM	1	74	21.34	21.41	21.26		
15	16QAM	36	0	20.38	20.55	20.45		
15	16QAM	36	20	20.35	20.41	20.37	22	2
15	16QAM	36	39	20.30	20.46	20.39		
15	16QAM	75	0	20.34	20.43	20.46		
15	64QAM	1	0	20.35	20.49	20.52		
15	64QAM	1	37	20.29	20.43	20.35	22	2
15	64QAM	1	74	20.32	20.38	20.34		
15	64QAM	36	0	19.36	19.53	19.47		
15	64QAM	36	20	19.31	19.49	19.27	21	3
15	64QAM	36	39	19.32	19.33	19.38		
15	64QAM	75	0	19.44	19.33	19.40		
15	256QAM	1	0	17.34	17.46	17.41		
15	256QAM	1	37	17.31	17.47	17.42	19	5
15	256QAM	1	74	17.26	17.39	17.32		
15	256QAM	36	0	17.32	17.36	17.36		
15	256QAM	36	20	17.33	17.41	17.39	19	5
15	256QAM	36	39	17.24	17.45	17.45		
15	256QAM	75	0	17.40	17.44	17.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.38	22.39	22.47		
10	QPSK	1	25	22.31	22.42	22.31	24	0
10	QPSK	1	49	22.26	22.31	22.31		
10	QPSK	25	0	21.33	21.44	21.37		
10	QPSK	25	12	21.40	21.45	21.30	23	1
10	QPSK	25	25	21.33	21.43	21.37		
10	QPSK	50	0	21.35	21.45	21.44		
10	16QAM	1	0	21.39	21.38	21.46		
10	16QAM	1	25	21.32	21.34	21.33	23	1
10	16QAM	1	49	21.32	21.42	21.33		
10	16QAM	25	0	20.33	20.53	20.39		
10	16QAM	25	12	20.41	20.37	20.36	22	2
10	16QAM	25	25	20.31	20.51	20.34		
10	16QAM	50	0	20.38	20.42	20.38		
10	64QAM	1	0	20.34	20.45	20.43		
10	64QAM	1	25	20.33	20.38	20.39	22	2
10	64QAM	1	49	20.32	20.37	20.34		
10	64QAM	25	0	19.37	19.56	19.41		
10	64QAM	25	12	19.30	19.51	19.35	21	3
10	64QAM	25	25	19.36	19.34	19.29		
10	64QAM	50	0	19.38	19.43	19.44		
10	256QAM	1	0	17.38	17.45	17.47		
10	256QAM	1	25	17.30	17.41	17.37	19	5
10	256QAM	1	49	17.35	17.41	17.40		
10	256QAM	25	0	17.32	17.38	17.44		
10	256QAM	25	12	17.33	17.38	17.47	19	5
10	256QAM	25	25	17.26	17.49	17.42		
10	256QAM	50	0	17.39	17.43	17.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.45	22.43	22.36		
5	QPSK	1	12	22.36	22.45	22.28	24	0
5	QPSK	1	24	22.25	22.42	22.29		
5	QPSK	12	0	21.42	21.51	21.41		
5	QPSK	12	7	21.35	21.42	21.36	23	1
5	QPSK	12	13	21.33	21.40	21.30		
5	QPSK	25	0	21.38	21.40	21.44		
5	16QAM	1	0	21.39	21.45	21.48		
5	16QAM	1	12	21.28	21.38	21.37	23	1
5	16QAM	1	24	21.35	21.43	21.36		
5	16QAM	12	0	20.31	20.49	20.40		
5	16QAM	12	7	20.36	20.38	20.39	22	2
5	16QAM	12	13	20.37	20.40	20.34		
5	16QAM	25	0	20.31	20.38	20.39		
5	64QAM	1	0	20.34	20.47	20.41		
5	64QAM	1	12	20.26	20.38	20.42	22	2
5	64QAM	1	24	20.29	20.35	20.30		
5	64QAM	12	0	19.38	19.55	19.39		
5	64QAM	12	7	19.31	19.47	19.32	21	3
5	64QAM	12	13	19.25	19.40	19.32		
5	64QAM	25	0	19.47	19.42	19.46		
5	256QAM	1	0	17.43	17.46	17.49		
5	256QAM	1	12	17.28	17.47	17.39	19	5
5	256QAM	1	24	17.25	17.32	17.40		
5	256QAM	12	0	17.32	17.40	17.44		
5	256QAM	12	7	17.34	17.42	17.47	19	5
5	256QAM	12	13	17.32	17.49	17.43		
5	256QAM	25	0	17.31	17.39	17.25		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.48	22.42	22.36		
3	QPSK	1	8	22.31	22.34	22.34	24	0
3	QPSK	1	14	22.29	22.41	22.24		
3	QPSK	8	0	21.43	21.46	21.45		
3	QPSK	8	4	21.33	21.41	21.31	23	1
3	QPSK	8	7	21.26	21.35	21.32		
3	QPSK	15	0	21.44	21.42	21.40		
3	16QAM	1	0	21.36	21.46	21.45		
3	16QAM	1	8	21.26	21.41	21.41	23	1
3	16QAM	1	14	21.30	21.45	21.36		
3	16QAM	8	0	20.33	20.51	20.42		
3	16QAM	8	4	20.38	20.38	20.30	22	2
3	16QAM	8	7	20.28	20.45	20.38		
3	16QAM	15	0	20.30	20.38	20.39		
3	64QAM	1	0	20.34	20.49	20.50		
3	64QAM	1	8	20.33	20.33	20.39	22	2
3	64QAM	1	14	20.27	20.36	20.23		
3	64QAM	8	0	19.32	19.49	19.40		
3	64QAM	8	4	19.36	19.48	19.34	21	3
3	64QAM	8	7	19.29	19.37	19.34		
3	64QAM	15	0	19.38	19.42	19.44		
3	256QAM	1	0	17.39	17.47	17.47		
3	256QAM	1	8	17.28	17.51	17.39	19	5
3	256QAM	1	14	17.29	17.40	17.33		
3	256QAM	8	0	17.29	17.44	17.46		
3	256QAM	8	4	17.39	17.44	17.41	19	5
3	256QAM	8	7	17.25	17.44	17.39		
3	256QAM	15	0	17.35	17.46	17.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.41	22.41	22.41		
1.4	QPSK	1	3	22.35	22.36	22.33		
1.4	QPSK	1	5	22.32	22.38	22.29	24	0
1.4	QPSK	3	0	22.35	22.38	22.32		
1.4	QPSK	3	1	22.26	22.32	22.23		
1.4	QPSK	3	3	22.29	22.31	22.20		
1.4	QPSK	6	0	21.45	21.37	21.39	23	1
1.4	16QAM	1	0	21.35	21.36	21.49		
1.4	16QAM	1	3	21.27	21.37	21.40		
1.4	16QAM	1	5	21.35	21.35	21.27	23	1
1.4	16QAM	3	0	21.38	21.26	21.31		
1.4	16QAM	3	1	21.22	21.23	21.47		
1.4	16QAM	3	3	21.23	21.28	21.29		
1.4	16QAM	6	0	20.38	20.38	20.42	22	2
1.4	64QAM	1	0	20.35	20.51	20.52		
1.4	64QAM	1	3	20.30	20.42	20.38		
1.4	64QAM	1	5	20.28	20.35	20.33	22	2
1.4	64QAM	3	0	20.32	20.28	20.29		
1.4	64QAM	3	1	20.30	20.39	20.43		
1.4	64QAM	3	3	20.17	20.37	20.25		
1.4	64QAM	6	0	19.43	19.43	19.41	21	3
1.4	256QAM	1	0	17.43	17.45	17.40		
1.4	256QAM	1	3	17.28	17.45	17.41		
1.4	256QAM	1	5	17.33	17.40	17.32	19	5
1.4	256QAM	3	0	17.33	17.45	17.46		
1.4	256QAM	3	1	17.37	17.38	17.42		
1.4	256QAM	3	3	17.29	17.41	17.48		
1.4	256QAM	6	0	17.39	17.48	17.28	19	5

Band 7 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.12	23.09		
20	QPSK	1	49	23.00	23.09	22.98	24	0
20	QPSK	1	99	23.05	23.07	22.98		
20	QPSK	50	0	22.13	22.14	22.12		
20	QPSK	50	24	22.02	22.05	22.03	23	1
20	QPSK	50	50	22.00	22.11	21.93		
20	QPSK	100	0	22.07	22.10	22.05		
20	16QAM	1	0	22.07	22.09	22.14		
20	16QAM	1	49	22.03	22.03	21.96	23	1
20	16QAM	1	99	21.99	22.10	22.01		
20	16QAM	50	0	21.13	21.11	21.09		
20	16QAM	50	24	21.07	21.03	20.98	22	2
20	16QAM	50	50	20.95	21.06	20.95		
20

Band 25 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26540		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.01	23.05	23.03		
20	QPSK	1	49	22.99	23.03	23.00	24	0
20	QPSK	1	99	22.94	23.01	22.96		
20	QPSK	50	0	22.00	22.10	22.07		
20	QPSK	50	24	21.95	22.03	22.01	23	1
20	QPSK	50	50	21.99	22.06	21.98		
20	QPSK	100	0	22.05	22.09	22.04		
20	16QAM	1	0	22.06	22.07	22.06		
20	16QAM	1	49	21.99	22.03	21.99	23	1
20	16QAM	1	99	21.96	22.04	22.01		
20	16QAM	50	0	20.99	21.13	21.05		
20	16QAM	50	24	20.97	21.02	21.03	22	2
20	16QAM	50	50	21.01	21.03	20.98		
20	16QAM	100	0	21.08	21.14	20.99		
20	64QAM	1	0	21.03	21.04	21.05		
20	64QAM	1	49	20.99	21.02	20.96	22	2
20	64QAM	1	99	21.00	21.01	21.00		
20	64QAM	50	0	20.05	20.15	20.07		
20	64QAM	50	24	19.95	20.08	20.05	21	3
20	64QAM	50	50	19.97	20.09	20.02		
20	64QAM	100	0	20.02	20.11	20.01		
20	256QAM	1	0	17.94	18.06	18.08		
20	256QAM	1	49	18.00	17.99	18.01	19	5
20	256QAM	1	99	17.98	18.10	17.95		
20	256QAM	50	0	18.00	18.15	18.04		
20	256QAM	50	24	18.02	18.11	18.07	19	5
20	256QAM	50	50	18.05	17.98	17.97		
20	256QAM	100	0	17.97	18.00	17.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.91	23.03	22.92		
15	QPSK	1	37	22.94	22.99	22.86	24	0
15	QPSK	1	74	22.82	22.97	22.84		
15	QPSK	36	0	21.96	21.99	21.95		
15	QPSK	36	20	21.93	22.01	21.92	23	1
15	QPSK	36	39	21.87	21.95	21.89		
15	QPSK	75	0	22.02	22.02	21.95		
15	16QAM	1	0	21.99	22.03	21.94		
15	16QAM	1	37	21.91	22.01	21.91	23	1
15	16QAM	1	74	21.91	22.02	21.87		
15	16QAM	36	0	20.85	21.07	21.01		
15	16QAM	36	20	20.89	21.00	20.98	22	2
15	16QAM	36	39	20.91	21.00	20.95		
15	16QAM	75	0	20.98	21.05	20.92		
15	64QAM	1	0	20.95	20.92	20.97		
15	64QAM	1	37	20.94	20.91	20.93	22	2
15	64QAM	1	74	20.96	20.95	20.89		
15	64QAM	36	0	19.93	20.06	19.95		
15	64QAM	36	20	19.93	20.04	20.02	21	3
15	64QAM	36	39	19.92	19.97	19.89		
15	64QAM	75	0	19.89	19.99	19.95		
15	256QAM	1	0	17.90	17.93	18.03		
15	256QAM	1	37	17.91	17.86	17.92	19	5
15	256QAM	1	74	17.94	18.01	17.83		
15	256QAM	36	0	17.89	18.03	17.91		
15	256QAM	36	20	17.94	17.98	17.98	19	5
15	256QAM	36	39	17.93	17.85	17.94		
15	256QAM	75	0	17.86	17.89	17.86		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.92	22.95	22.92		
10	QPSK	1	25	22.92	22.96	22.97	24	0
10	QPSK	1	49	22.82	22.93	22.86		
10	QPSK	25	0	21.91	22.04	22.02		
10	QPSK	25	12	21.86	21.99	21.92	23	1
10	QPSK	25	25	21.96	21.98	21.87		
10	QPSK	50	0	22.01	22.05	22.00		
10	16QAM	1	0	22.02	21.96	21.93		
10	16QAM	1	25	21.92	21.97	21.90	23	1
10	16QAM	1	49	21.91	21.98	21.87		
10	16QAM	25	0	20.95	21.05	20.95		
10	16QAM	25	12	20.85	20.98	20.92	22	2
10	16QAM	25	25	20.94	20.99	20.86		
10	16QAM	50	0	21.05	21.10	20.93		
10	64QAM	1	0	20.97	20.90	20.96		
10	64QAM	1	25	20.89	20.96	20.86	22	2
10	64QAM	1	49	20.94	20.88	20.92		
10	64QAM	25	0	19.96	20.02	19.98		
10	64QAM	25	12	19.86	19.96	19.97	21	3
10	64QAM	25	25	19.85	20.01	19.89		
10	64QAM	50	0	19.90	20.08	19.92		
10	256QAM	1	0	17.88	17.97	17.97		
10	256QAM	1	25	17.94	17.91	17.94	19	5
10	256QAM	1	49	17.88	18.01	17.89		
10	256QAM	25	0	17.89	18.10	18.01		
10	256QAM	25	12	17.96	18.05	17.98	19	5
10	256QAM	25	25	17.96	17.92	17.86		
10	256QAM	50	0	17.90	17.89	17.89		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.91	22.95	22.96		
5	QPSK	1	12	22.90	22.91	22.91	24	0
5	QPSK	1	24	22.87	22.96	22.82		
5	QPSK	12	0	21.95	21.99	22.05		
5	QPSK	12	7	21.92	21.91	21.93	23	1
5	QPSK	12	13	21.93	21.97	21.95		
5	QPSK	25	0	21.97	21.95	22.01		
5	16QAM	1	0	22.03	21.99	21.92		
5	16QAM	1	12	21.94	21.93	21.89	23	1
5	16QAM	1	24	21.88	21.93	21.89		
5	16QAM	12	0	20.90	21.02	20.99		
5	16QAM	12	7	20.88	20.92	20.91	22	2
5	16QAM	12	13	20.92	20.97	20.94		
5	16QAM	25	0	20.96	21.10	20.89		
5	64QAM	1	0	20.92	20.91	21.01		
5	64QAM	1	12	20.97	20.95	20.85	22	2
5	64QAM	1	24	20.89	20.88	20.89		
5	64QAM	12	0	19.99	20.06	19.98		
5	64QAM	12	7	19.85	19.95	20.01	21	3
5	64QAM	12	13	19.94	20.01	19.96		
5	64QAM	25	0	20.00	20.09	19.87		
5	256QAM	1	0	17.83	18.02	18.01		
5	256QAM	1	12	17.97	17.88	17.89	19	5
5	256QAM	1	24	17.87	18.01	17.85		
5	256QAM	12	0	17.98	18.07	17.97		
5	256QAM	12	7	17.90	17.99	17.97	19	5
5	256QAM	12	13	17.95	17.94	17.92		
5	256QAM	25	0	17.95	17.94	17.81		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.96	23.02	22.99		
3	QPSK	1	8	22.93	22.89	22.97	24	0
3	QPSK	1	14	22.84	22.95	22.90		
3	QPSK	8	0	21.92	22.00	22.03		
3	QPSK	8	4	21.86	21.91	21.90	23	1
3	QPSK	8	7	21.85	21.96	21.92		
3	QPSK	15	0	21.95	22.04	21.97		
3	16QAM	1	0	22.00	21.99	22.00		
3	16QAM	1	8	21.96	21.93	21.90	23	1
3	16QAM	1	14	21.92	21.94	21.95		
3	16QAM	8	0	20.91	21.00	20.96		
3	16QAM	8	4	20.87	20.88	20.96	22	2
3	16QAM	8	7	20.97	20.97	20.86		
3	16QAM	15	0	21.05	21.12	20.93		
3	64QAM	1	0	20.92	20.95	20.97		
3	64QAM	1	8	20.95	21.00	20.91	22	2
3	64QAM	1	14	20.87	20.90	20.97		
3	64QAM	8	0	19.96	20.05	20.01		
3	64QAM	8	4	19.83	19.97	20.03	21	3
3	64QAM	8	7	19.89	19.98	19.98		
3	64QAM	15	0	19.94	19.98	19.96		
3	256QAM	1	0	17.85	17.95	17.95		
3	256QAM	1	8	17.93	17.86	17.91	19	5
3	256QAM	1	14	17.90	18.00	17.87		
3	256QAM	8	0	17.94	18.03	17.91		
3	256QAM	8	4	17.97	18.02	17.96	19	5
3	256QAM	8	7	17.92	17.84	17.84		
3	256QAM	15	0	17.94	17.87	17.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.97	22.96	22.99		
1.4	QPSK	1	3	22.93	22.92	22.96		
1.4	QPSK	1	5	22.85	22.97	22.84	24	0
1.4	QPSK	3	0	22.92	22.84	22.93		
1.4	QPSK	3	1	22.82	22.79	22.89		
1.4	QPSK	3	3	22.74	22.95	22.79		
1.4	QPSK	6	0	21.97	22.00	21.99	23	1
1.4	16QAM	1	0	21.99	22.01	21.99		
1.4	16QAM	1	3	21.95	21.99	21.95		
1.4	16QAM	1	5	21.91	21.95	21.97	23	1
1.4	16QAM	3	0	21.92	21.97	21.85		
1.4	16QAM	3	1	21.94	21.87	21.93		
1.4	16QAM	3	3	21.85	21.87	21.89		
1.4	16QAM	6	0	21.05	21.06	20.86	22	2
1.4	64QAM	1	0	20.99	20.98	20.92		
1.4	64QAM	1	3	20.87	20.99	20.84		
1.4	64QAM	1	5	20.93	20.97	20.94	22	2
1.4	64QAM	3	0	20.96	20.93	20.79		
1.4	64QAM	3	1	20.94	20.86	20.89		
1.4	64QAM	3	3	20.84	20.88	20.71		
1.4	64QAM	6	0	19.91	20.04	19.99	21	3
1.4	256QAM	1	0	17.82	17.93	17.95		
1.4	256QAM	1	3	17.91	17.90	17.88		
1.4	256QAM	1	5	17.89	17.98	17.84	19	5
1.4	256QAM	3	0	17.96	18.03	17.99		
1.4	256QAM	3	1	17.95	18.02	17.97		
1.4	256QAM	3	3	18.01	17.89	17.85		
1.4	256QAM	6	0	17.86	17.97	17.91	19	5

Band 30 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.18			
10	QPSK	1	25		21.15		22	0
10	QPSK	1	49		21.13			
10	QPSK	25	0		20.18			
10	QPSK	25	12		20.12		21	1
10	QPSK	25	25		20.16			
10	QPSK	50	0		20.15			
10	16QAM	1	0		20.14			
10	16QAM	1	25		20.16		21	1
10	16QAM	1	49		20.11			
10	16QAM	25	0		19.12			
10	16QAM	25	12		19.17		20	2
10	16QAM	25	25		19.19			
10	16QAM	50	0		19.13			
10	64QAM	1	0		19.12			
10	64QAM	1	25		19.14		20	2
10	64QAM	1	49		19.06			
10	64QAM	25	0		18.21			
10	64QAM	25	12		18.14		19	3
10	64QAM	25	25		18.20			
10	64QAM	50	0		18.17			
10	256QAM	1	0		16.13			
10	256QAM	1	25		16.18		17	5
10	256QAM	1	49		16.18			
10	256QAM	25	0		16.17			
10	256QAM	25	12		16.08		17	5
10	256QAM	25	25		16.14			
10	256QAM	50	0		16.08			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.11	21.15	21.14		
5	QPSK	1	12	21.08	21.05	21.02	22	0
5	QPSK	1	24	21.10	21.06	21.09		
5	QPSK	12	0	20.12	20.16	20.10		
5	QPSK	12	7	20.02	20.08	20.03	21	1
5	QPSK	12	13	20.10	20.04	20.04		
5	QPSK	25	0	20.09	20.04	20.06		
5	16QAM	1	0	20.02	20.00	20.09		
5	16QAM	1	12	20.08	20.13	20.10	21	1
5	16QAM	1	24	20.06	20.06	20.05		
5	16QAM	12	0	19.04	19.10	19.02		
5	16QAM	12	7	19.09	19.04	19.12	20	2
5	16QAM	12	13	19.11	19.07	19.11		
5	16QAM	25	0	18.99	19.02	19.07		
5	64QAM	1	0	19.01	19.05	19.06		
5	64QAM	1	12	19.11	19.09	19.11	20	2
5	64QAM	1	24	19.01	18.97	19.01		
5	64QAM	12	0	18.11	18.11	18.13		
5	64QAM	12	7	18.03	18.05	18.10	19	3
5	64QAM	12	13	18.09	18.07	18.12		
5	64QAM	25	0	18.14	18.04	18.13		
5	256QAM	1	0	16.07	16.09	16.09		
5	256QAM	1	12	16.06	16.09	16.08	17	5
5	256QAM	1	24	16.16	16.04	16.09		
5	256QAM	12	0	16.05	16.07	16.10		
5	256QAM	12	7	16.01	16.05	16.06	17	5
5	256QAM	12	13	16.05	16.09	16.05		
5	256QAM	25	0	15.99	15.95	16.05		

Band 66 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.62	22.66	22.60		
20	QPSK	1	49	22.57	22.62	22.58	24	0
20	QPSK	1	99	22.53	22.58	22.57		
20	QPSK	50	0	21.64	21.72	21.66		
20	QPSK	50	24	21.59	21.59	21.58	23	1
20	QPSK	50	50	21.52	21.53	21.62		
20	QPSK	100	0	21.65	21.70	21.63		
20	16QAM	1	0	21.68	21.69	21.61		
20	16QAM	1	49	21.59	21.59	21.58	23	1
20	16QAM	1	99	21.50	21.60	21.56		
20	16QAM	50	0	20.63	20.67	20.65		
20	16QAM	50	24	20.57	20.62	20.55	22	2
20	16QAM	50	50	20.52	20.56	20.66		
20	16QAM	100	0	20.67	20.71	20.63		
20	64QAM	1	0	20.66	20.73	20.61		
20	64QAM	1	49	20.56	20.56	20.55	22	2
20	64QAM	1	99	20.48	20.64	20.61		
20	64QAM	50	0	19.64	19.66	19.69		
20	64QAM	50	24	19.59	19.61	19.59	21	3
20	64QAM	50	50	19.47	19.51	19.64		
20	64QAM	100	0	19.66	19.69	19.63		
20	256QAM	1	0	17.63	17.69	17.69		
20	256QAM	1	49	17.62	17.53	17.54	19	5
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64		
20	256QAM	50	24	17.69	17.73	17.59	19	5
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.55	22.62	22.58		
15	QPSK	1	37	22.54	22.54	22.49	24	0
15	QPSK	1	74	22.46	22.49	22.50		
15	QPSK	36	0	21.56	21.67	21.61		
15	QPSK	36	20	21.53	21.48	21.44	23	1
15	QPSK	36	39	21.39	21.40	21.53		
15	QPSK	75	0	21.59	21.65	21.54		
15	16QAM	1	0	21.58	21.63	21.51		
15	16QAM	1	37	21.48	21.53	21.50	23	1
15	16QAM	1	74	21.48	21.49	21.51		
15	16QAM	36	0	20.59	20.57	20.63		
15	16QAM	36	20	20.53	20.54	20.46	22	2
15	16QAM	36	39	20.46	20.50	20.60		
15	16QAM	75	0	20.63	20.63	20.53		
15	64QAM	1	0	20.63	20.65	20.57		
15	64QAM	1	37	20.42	20.43	20.49	22	2
15	64QAM	1	74	20.40	20.54	20.55		
15	64QAM	36	0	19.52	19.63	19.63		
15	64QAM	36	20	19.52	19.54	19.49	21	3
15	64QAM	36	39	19.33	19.41	19.58		
15	64QAM	75	0	19.57	19.58	19.53		
15	256QAM	1	0	17.57	17.60	17.63		
15	256QAM	1	37	17.56	17.44	17.52	19	5
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52		
15	256QAM	36	20	17.58	17.63	17.54	19	5
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.56	22.55	22.54		
10	QPSK	1	25	22.47	22.51	22.49	24	0
10	QPSK	1	49	22.51	22.51	22.50		
10	QPSK	25	0	21.60	21.59	21.63		
10	QPSK	25	12	21.49	21.47	21.47	23	1
10	QPSK	25	25	21.42	21.46	21.49		
10	QPSK	50	0	21.55	21.56	21.56		
10	16QAM	1	0	21.65	21.63	21.55		
10	16QAM	1	25	21.52	21.48	21.53	23	1
10	16QAM	1	49	21.41	21.47	21.51		
10	16QAM	25	0	20.55	20.63	20.62		
10	16QAM	25	12	20.49	20.60	20.49	22	2
10	16QAM	25	25	20.44	20.46	20.59		
10	16QAM	50	0	20.56	20.68	20.52		
10	64QAM	1	0	20.52	20.60	20.49		
10	64QAM	1	25	20.52	20.48	20.53	22	2
10	64QAM	1	49	20.43	20.61	20.49		
10	64QAM	25	0	19.57	19.56	19.62		
10	64QAM	25	12	19.53	19.57	19.46	21	3
10	64QAM	25	25	19.38	19.44	19.54		
10	64QAM	50	0	19.56	19.64	19.52		
10	256QAM	1	0	17.54	17.56	17.66		
10	256QAM	1	25	17.58	17.51	17.47	19	5
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56		
10	256QAM	25	12	17.61	17.71	17.49	19	5
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.55	22.56		
5	QPSK	1	12	22.54	22.59	22.47	24	0
5	QPSK	1	24	22.43	22.54	22.54		
5	QPSK	12	0	21.50	21.69	21.62		
5	QPSK	12	7	21.48	21.55	21.47	23	1
5	QPSK	12	13	21.43	21.44	21.52		
5	QPSK	25	0	21.53	21.57	21.60		
5	16QAM	1	0	21.63	21.61	21.48		
5	16QAM	1	12	21.47	21.54	21.55	23	1
5	16QAM	1	24	21.47	21.52	21.46		
5	16QAM	12	0	20.54	20.59	20.56		
5	16QAM	12	7	20.47	20.52	20.44	22	2
5	16QAM	12	13	20.45	20.45	20.56		
5	16QAM	25	0	20.54	20.60	20.54		
5	64QAM	1	0	20.52	20.62	20.50		
5	64QAM	1	12	20.48	20.49	20.47	22	2
5	64QAM	1	24	20.45	20.58	20.58		
5	64QAM	12	0	19.52	19.53	19.63		
5	64QAM	12	7	19.50	19.49	19.54	21	3
5	64QAM	12	13	19.44	19.44	19.60		
5	64QAM	25	0	19.55	19.56	19.52		
5	256QAM	1	0	17.52	17.57	17.62		
5	256QAM	1	12	17.53	17.41	17.51	19	5
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61		
5	256QAM	12	7	17.59	17.66	17.55	19	5
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.64	22.49		
3	QPSK	1	8	22.45	22.55	22.47	24	0
3	QPSK	1	14	22.45	22.47	22.43		
3	QPSK	8	0	21.60	21.70	21.61		
3	QPSK	8	4	21.52	21.47	21.55	23	1
3	QPSK	8	7	21.41	21.46	21.51		
3	QPSK	15	0	21.55	21.62	21.58		
3	16QAM	1	0	21.55	21.57	21.53		
3	16QAM	1	8	21.50	21.57	21.48	23	1
3	16QAM	1	14	21.38	21.50	21.44		
3	16QAM	8	0	20.58	20.58	20.54		
3	16QAM	8	4	20.48	20.51	20.48	22	2
3	16QAM	8	7	20.41	20.47	20.59		
3	16QAM	15	0	20.54	20.58	20.61		
3	64QAM	1	0	20.53	20.63	20.57		
3	64QAM	1	8	20.51	20.47	20.42	22	2
3	64QAM	1	14	20.34	20.59	20.51		
3	64QAM	8	0	19.52	19.60	19.60		
3	64QAM	8	4	19.54	19.49	19.46	21	3
3	64QAM	8	7	19.40	19.41	19.53		
3	64QAM	15	0	19.54	19.63	19.58		
3	256QAM	1	0	17.55	17.60	17.66

Band 38 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.39	23.46	23.32	25	0
20	QPSK	1	49	23.24	23.27	23.33		
20	QPSK	1	99	23.29	23.34	23.33		
20	QPSK	50	0	22.29	22.53	22.34	24	1
20	QPSK	50	24	22.17	22.40	22.29		
20	QPSK	50	50	22.30	22.33	22.37		
20	QPSK	100	0	22.31	22.49	22.42		
20	16QAM	1	0	22.30	22.46	22.41		
20	16QAM	1	49	22.21	22.43	22.25	24	1
20	16QAM	1	99	22.31	22.46	22.36		
20	16QAM	50	0	21.27	21.46	21.37		
20	16QAM	50	24	21.11	21.43	21.34	23	2
20	16QAM	50	50	21.29	21.35	21.35		
20	16QAM	100	0	21.34	21.39	21.40		
20	64QAM	1	0	21.29	21.46	21.40		
20	64QAM	1	49	21.22	21.38	21.33	23	2
20	64QAM	1	99	21.26	21.45	21.30		
20	64QAM	50	0	20.34	20.45	20.39		
20	64QAM	50	24	20.23	20.44	20.34	22	3
20	64QAM	50	50	20.36	20.36	20.41		
20	64QAM	100	0	20.41	20.47	20.33		
20	256QAM	1	0	18.32	18.48	18.32		
20	256QAM	1	49	18.15	18.48	18.36	20	5
20	256QAM	1	99	18.28	18.40	18.32		
20	256QAM	50	0	18.28	18.41	18.41		
20	256QAM	50	24	18.23	18.46	18.43	20	5
20	256QAM	50	50	18.19	18.45	18.28		
20	256QAM	100	0	18.41	18.39	18.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.32	23.36	23.23	25	0
15	QPSK	1	37	23.10	23.27	23.26		
15	QPSK	1	74	23.22	23.19	23.26		
15	QPSK	36	0	22.13	22.43	22.20	24	1
15	QPSK	36	20	22.10	22.38	22.19		
15	QPSK	36	39	22.25	22.28	22.26		
15	QPSK	75	0	22.26	22.34	22.33		
15	16QAM	1	0	22.18	22.34	22.27	24	1
15	16QAM	1	37	22.07	22.33	22.21		
15	16QAM	1	74	22.16	22.40	22.28		
15	16QAM	36	0	21.23	21.32	21.30	23	2
15	16QAM	36	20	21.05	21.30	21.21		
15	16QAM	36	39	21.15	21.25	21.19		
15	16QAM	75	0	21.28	21.32	21.35		
15	64QAM	1	0	21.20	21.34	21.30	23	2
15	64QAM	1	37	21.12	21.22	21.28		
15	64QAM	1	74	21.30	21.38	21.26		
15	64QAM	36	0	20.30	20.33	20.26	22	3
15	64QAM	36	20	20.12	20.31	20.19		
15	64QAM	36	39	20.29	20.22	20.33		
15	64QAM	75	0	20.26	20.33	20.28		
15	256QAM	1	0	18.23	18.39	18.18	20	5
15	256QAM	1	37	18.01	18.44	18.25		
15	256QAM	1	74	18.13	18.35	18.17		
15	256QAM	36	0	18.23	18.25	18.28	20	5
15	256QAM	36	20	18.18	18.36	18.38		
15	256QAM	36	39	18.05	18.33	18.16		
15	256QAM	75	0	18.34	18.26	18.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.25	23.41	23.25	25	0
10	QPSK	1	25	23.08	23.38	23.25		
10	QPSK	1	49	23.15	23.27	23.20		
10	QPSK	25	0	22.18	22.39	22.20	24	1
10	QPSK	25	12	22.06	22.31	22.21		
10	QPSK	25	25	22.25	22.20	22.23		
10	QPSK	50	0	22.23	22.38	22.33		
10	16QAM	1	0	22.18	22.36	22.37	24	1
10	16QAM	1	25	22.09	22.36	22.15		
10	16QAM	1	49	22.19	22.40	22.30		
10	16QAM	25	0	21.16	21.36	21.27	23	2
10	16QAM	25	12	21.00	21.35	21.28		
10	16QAM	25	25	21.15	21.22	21.29		
10	16QAM	50	0	21.18	21.26	21.35		
10	64QAM	1	0	21.22	21.40	21.31	23	2
10	64QAM	1	25	21.16	21.31	21.23		
10	64QAM	1	49	21.30	21.39	21.21		
10	64QAM	25	0	20.24	20.40	20.26	22	3
10	64QAM	25	12	20.17	20.39	20.27		
10	64QAM	25	25	20.18	20.22	20.25		
10	64QAM	50	0	20.29	20.39	20.23		
10	256QAM	1	0	18.21	18.40	18.18	20	5
10	256QAM	1	25	18.07	18.44	18.30		
10	256QAM	1	49	18.19	18.29	18.20		
10	256QAM	25	0	18.16	18.26	18.28	20	5
10	256QAM	25	12	18.18	18.32	18.30		
10	256QAM	25	25	18.05	18.32	18.18		
10	256QAM	50	0	18.36	18.30	18.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.35	23.21	25	0
5	QPSK	1	12	23.15	23.27	23.27		
5	QPSK	1	24	23.22	23.20	23.17		
5	QPSK	12	0	22.16	22.36	22.30	24	1
5	QPSK	12	7	22.03	22.36	22.17		
5	QPSK	12	13	22.15	22.17	22.32		
5	QPSK	25	0	22.25	22.35	22.31		
5	16QAM	1	0	22.20	22.29	22.30	24	1
5	16QAM	1	12	22.10	22.31	22.13		
5	16QAM	1	24	22.26	22.27	22.29		
5	16QAM	12	0	21.14	21.41	21.28	23	2
5	16QAM	12	7	21.02	21.39	21.25		
5	16QAM	12	13	21.16	21.20	21.32		
5	16QAM	25	0	21.21	21.28	21.32		
5	64QAM	1	0	21.15	21.38	21.32	23	2
5	64QAM	1	12	21.04	21.20	21.20		
5	64QAM	1	24	21.21	21.37	21.21		
5	64QAM	12	0	20.24	20.30	20.34	22	3
5	64QAM	12	7	20.11	20.30	20.20		
5	64QAM	12	13	20.18	20.29	20.27		
5	64QAM	25	0	20.30	20.31	20.19		
5	256QAM	1	0	18.24	18.43	18.24	20	5
5	256QAM	1	12	18.10	18.39	18.21		
5	256QAM	1	24	18.18	18.26	18.22		
5	256QAM	12	0	18.26	18.30	18.33	20	5
5	256QAM	12	7	18.08	18.41	18.39		
5	256QAM	12	13	18.08	18.33	18.12		
5	256QAM	25	0	18.28	18.32	18.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.21	24.13	24.26	24.15	24.19	25	0
20	QPSK	1	49	24.10	24.02	24.23	24.10	24.08		
20	QPSK	1	99	24.19	24.11	24.20	24.12	24.07		
20	QPSK	50	0	23.16	23.12	23.32	23.14	23.15	24	1
20	QPSK	50	24	23.15	23.00	23.23	23.13	23.04		
20	QPSK	50	50	23.17	23.06	23.15	23.18	23.11		
20	QPSK	100	0	23.13	23.14	23.26	23.19	23.17		
20	16QAM	1	0	23.25	23.06	23.25	23.20	23.13		
20	16QAM	1	49	23.05	23.05	23.22	23.10	23.10	24	1
20	16QAM	1	99	23.14	23.15	23.21	23.18	23.11		
20	16QAM	50	0	22.14	22.07	22.28	22.16	22.09		
20	16QAM	50	24	22.16	21.96	22.27	22.19	22.05	23	2
20	16QAM	50	50	22.13	22.07	22.13	22.14	22.11		
20	16QAM	100	0	22.18	22.14	22.20	22.22	22.16		
20	64QAM	1	0	22.26	22.03	22.24	22.18	22.19		
20	64QAM	1	49	22.03	22.04	22.17	22.12	22.16	23	2
20	64QAM	1	99	22.15	22.16	22.24	22.15	22.09		
20	64QAM	50	0	21.15	21.11	21.28	21.14	21.13		
20	64QAM	50	24	21.19	20.98	21.27	21.15	21.08	22	3
20	64QAM	50	50	21.11	21.04	21.19	21.15	21.10		
20	64QAM	100	0	21.11	21.17	21.23	21.18	21.23		
20	256QAM	1	0	19.12	19.11	19.32	19.09	19.15		
20	256QAM	1	49	19.11	18.95	19.27	19.13	19.02	20	5
20	256QAM	1	99	19.21	19.06	19.20	19.15	19.07		
20	256QAM	50	0	19.17	19.12	19.25	19.20	19.12		
20	256QAM	50	24	19.20	19.03	19.25	19.24	19.13	20	5
20	256QAM	50	50	19.09	19.00	19.26	19.06	19.05		
20	256QAM	100	0	19.19	19.16	19.18	19.17	19.17		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.17	24.11	24.14	24.04	24.11	25	0
15	QPSK	1	37	23.98	23.98	24.10	23.99	23.99		
15	QPSK	1	74	24.17	24.07	24.16	24.08	24.03		
15	QPSK	36	0	23.04	23.07	23.20	23.01	23.03	24	1
15	QPSK	36	20	23.09	22.80	23.17	23.03	22.99		
15	QPSK	36	39	23.06	22.92	23.10	23.08	23.07		
15	QPSK	75	0	23.03	23.06	23.18	23.15	23.07		
15	16QAM	1	0	23.13	22.96	23.11	23.14	23.03		
15	16QAM	1	37	23.00	23.00	23.17	23.08	23.04	24	1
15	16QAM	1	74	23.05	23.03	23.07	23.07	23.07		
15	16QAM	36	0	22.12	21.93	22.18	22.08	22.06		
15	16QAM	36	20	22.10	21.87	22.20	22.06	21.99	23	2
15	16QAM	36	39	22.00	22.04	22.08	22.06	22.06		
15	16QAM	75	0	22.15	22.08	22.09	22.08	22.10		
15	64QAM	1	0	22.15	21.97	22.14	22.06	22.08		
15	64QAM	1	37	21.99	21.98	22.04	22.07	22.09	23	2
15	64QAM	1	74	22.04	22.07	22.18	22.04	22.07		
15	64QAM	36	0	21.07	20.98	21.17	21.09	21.05		
15	64QAM	36	20	21.06	20.90	21.15	21.03	20.98	22	3
15	64QAM	36	39	21.02	20.94	21.11	21.04	21.12		
15	64QAM	75	0	20.98	21.05	21.15	21.11	21.11		
15	256QAM	1	0	19.05	19.07	19.20	19.04	19.09		
15	256QAM	1	37	18.98	18.93	19.23	19.05	19.00	20	5
15	256QAM	1	74	19.16	19.03	19.07	19.06	18.94		
15	256QAM	36	0	19.07	19.07	19.20	19.17	19.06		
15	256QAM	36	20	19.06	18.93	19.17	19.15	19.05		
15	256QAM	36	39	19.06	18.90	19.15	19.04	18.95	20	5
15	256QAM	75	0	19.17	19.10	19.09	19.07	19.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.12	24.10	24.21	24.01	24.13	25	0
10	QPSK	1	25	24.04	23.95	24.12	24.02	23.98		
10	QPSK	1	49	24.16	24.02	24.10	24.04	24.04		
10	QPSK	25	0	23.14	23.10	23.22	23.07	23.07	24	1
10	QPSK	25	12	23.05	22.96	23.10	23.05	22.97		
10	QPSK	25	25	23.14	23.04	23.09	23.11	22.98		
10	QPSK	50	0	23.04	23.03	23.14	23.16	23.04		
10	16QAM	1	0	23.17	22.96	23.14	23.17	23.06		
10	16QAM	1	25	22.97	22.92	23.18	23.00	23.05	24	1
10	16QAM	1	49	23.08	23.08	23.19	23.09	23.05		
10	16QAM	25	0	22.10	22.04	22.17	22.13	22.03		
10	16QAM	25	12	22.09	21.90	22.24	22.14	21.96	23	2
10	16QAM	25	25	22.05	22.02	22.02	22.05	22.01		
10	16QAM	50	0	22.12	22.08	22.10	22.14	22.09		
10	64QAM	1	0	22.17	21.96	22.22	22.08	22.17		
10	64QAM	1	25	21.91	21.94	22.08	21.98	22.02	23	2
10	64QAM	1	49	22.07	22.13	22.15	22.07	21.98		
10	64QAM	25	0	21.05	21.07	21.20	21.10	21.09		
10	64QAM	25	12	21.16	20.86	21.24	21.03	20.98	22	3
10	64QAM	25	25	21.08	20.94	21.08	21.07	21.12		
10	64QAM	50	0	20.99	21.14	21.14	21.09	21.17		
10	256QAM	1	0	19.05	19.07	19.21	19.05	19.07		
10	256QAM	1	25	19.02	18.93	19.21	19.07	18.97	20	5
10	256QAM	1	49	19.15	19.04	19.11	19.04	18.96		
10	256QAM	25	0	19.15	19.05	19.12	19.11	19.02		
10	256QAM	25	12	19.14	18.89	19.11	19.17	19.05	20	5
10	256QAM	25	25	19.01	18.98	19.23	19.02	18.98		
10	256QAM	50	0	19.13	19.06	19.10	19.15	19.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.10	24.06	24.13	24.07	24.05	25	0
5	QPSK	1	12	24.06	23.99	24.17	24.02	23.97		
5	QPSK	1	24	24.11	23.98	24.14	24.04	23.96		
5	QPSK	12	0	23.06	23.03	23.22	23.07	23.06	24	1
5	QPSK	12	7	23.01	22.95	23.19	23.07	22.96		
5	QPSK	12	13	23.14	22.97	23.06	23.08	22.99		
5	QPSK	25	0	23.11	23.10	23.18	23.13	23.10		
5	16QAM	1	0	23.19	23.05	23.14	23.09	23.05		
5	16QAM	1	12	22.94	22.93	23.10	22.99	23.01	24	1
5	16QAM	1	24	23.01	23.08	23.14	23.08	23.07		
5	16QAM	12	0	22.01	21.96	22.25	22.07	21.95		
5	16QAM	12	7	22.08	21.91	22.15	22.10	22.01	23	2
5	16QAM	12	13	22.07	22.02	22.01	22.10	22.02		
5	16QAM	25	0	22.05	22.12	22.15	22.14	22.11		
5	64QAM	1	0	22.15	21.91	22.22	22.07	22.12		
5	64QAM	1	12	21.98	22.02	22.10	21.98	22.11	23	2
5	64QAM	1	24	22.03	22.13	22.14	22.01	22.06		
5	64QAM	12	0	21.11	21.01	21.23	21.06	20.99		
5	64QAM	12	7	21.14	20.91	21.23	21.03	20.98	22	3
5	64QAM	12	13	21.01	20.98	21.09	21.12	21.05		
5	64QAM	25	0	21.06	21.14	21.16	21.14	21.16		
5	256QAM	1	0	19.10	18.98	19.21	19.00	19.10		
5	256QAM	1	12	19.08	18.93	19.17	19.09	18.98	20	5
5	256QAM	1	24	19.11	19.02	19.12	19.10	18.95		
5	256QAM	12	0	19.14	19.10	19.17	19.15	19.01		
5	256QAM	12	7	19.15	18.93	19.14	19.12	19.01	20	5
5	256QAM	12	13	18.98	18.96	19.14	18.97	19.01		
5	256QAM	25	0	19.15	19.06	19.13	19.11	19.10		

Band 41 HPUE Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.15	26.13	26.19	26.11	26.09	27	0
20	QPSK	1	49	26.06	26.10	26.16	26.01	25.99		
20	QPSK	1	99	26.09	26.08	26.15	26.05	25.96		
20	QPSK	50	0	25.10	25.09	25.24	25.07	25.07	26	1
20	QPSK	50	24	25.09	25.10	25.21	25.05	24.95		
20	QPSK	50	50	25.04	25.14	25.10	25.04	24.95		
20	QPSK	100	0	25.18	25.11	25.20	25.12	25.09		
20	16QAM	1	0	25.17	25.08	25.16	25.13	25.04		
20	16QAM	1	49	25.02	25.14	25.14	25.06	25.04	26	1
20	16QAM	1	99	25.15	25.04	25.20	25.10	24.97		
20	16QAM	50	0	24.05	24.10	24.26	24.09	24.03		
20	16QAM	50	24	24.13	24.13	24.24	23.99	23.99	25	2
20	16QAM	50	50	24.02	24.11	24.13	24.08	23.96		
20	16QAM	100	0	24.14	24.09	24.18	24.16	24.14		
20	64QAM	1	0	24.16	24.10	24.16	24.16	24.00		
20	64QAM	1	49	24.06	24.20	24.10	24.09	24.09	25	2
20	64QAM	1	99	24.14	24.02	24.15	24.08	24.00		
20	64QAM	50	0	23.04	23.05	23.24	23.04	23.06		
20	64QAM	50	24	23.06	23.05	23.15	23.03	22.89	24	3
20	64QAM	50	50	23.02	23.08	23.07	23.10	22.99		
20	64QAM	100	0	23.14	23.17	23.18	23.12	23.10		
20	256QAM	1	0	21.11	21.14	21.19	21.06	21.09	22	5
20	256QAM	1	49	21.09	21.05	21.15	21.00	20.91		
20	256QAM	1	99	21.02	21.17	21.07	21.04	20.91		
20	256QAM	50	0	21.24	21.10	21.23	21.09	21.13		
20	256QAM	50	24	21.17	21.07	21.14	21.07	21.03	22	5
20	256QAM	50	50	21.05	21.15	21.15	21.09	21.10		
20	256QAM	100	0	21.19	21.06	21.25	21.13	20.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.09	26.04	26.15	26.07	26.03	27	0
15	QPSK	1	37	25.95	26.05	26.08	25.94	25.93		
15	QPSK	1	74	26.01	25.99	26.03	26.00	25.86		
15	QPSK	36	0	25.03	25.01	25.16	24.99	25.01	26	1
15	QPSK	36	20	24.98	24.96	25.14	25.03	24.82		
15	QPSK	36	39	24.99	25.09	25.03	25.01	24.81		
15	QPSK	75	0	25.16	25.04	25.18	25.08	25.02		
15	16QAM	1	0	25.12	24.97	25.06	25.10	24.94		
15	16QAM	1	37	24.89	25.04	25.04	24.92	25.01	26	1
15	16QAM	1	74	25.03	25.01	25.11	25.04	24.88		
15	16QAM	36	0	23.97	24.05	24.14	24.06	24.00		
15	16QAM	36	20	24.01	24.03	24.12	23.85	23.94	25	2
15	16QAM	36	39	23.96	23.99	24.01	24.03	23.83		
15	16QAM	75	0	24.11	24.04	24.07	24.03	24.01		
15	64QAM	1	0	24.11	24.04	24.04	24.06	23.92		
15	64QAM	1	37	23.95	24.15	24.03	23.95	24.02	25	2
15	64QAM	1	74	24.11	23.90	24.03	24.01	23.96		
15	64QAM	36	0	23.01	22.99	23.15	23.01	22.98		
15	64QAM	36	20	22.97	22.98	23.13	22.94	22.78	24	3
15	64QAM	36	39	22.93	22.97	23.03	23.00	22.79		
15	64QAM	75	0	23.02	23.08	23.08	23.05	23.02		
15	256QAM	1	0	21.07	21.10	21.08	20.93	20.95		
15	256QAM	1	37	21.02	20.94	21.08	20.91	20.88	22	5
15	256QAM	1	74	20.96	21.13	21.02	20.94	20.85		
15	256QAM	36	0	21.16	20.99	21.16	21.05	21.06		
15	256QAM	36	20	21.06	20.94	21.08	20.93	20.93		
15	256QAM	36	39	20.96	21.01	21.02	20.97	21.02	22	5
15	256QAM	75	0	21.05	20.98	21.21	21.04	20.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.02	26.11	26.15	26.09	26.06	27	0
10	QPSK	1	25	25.97	26.02	26.10	25.93	25.90		
10	QPSK	1	49	25.96	26.03	26.06	26.00	25.87		
10	QPSK	25	0	25.07	25.01	25.16	25.02	24.96	26	1
10	QPSK	25	12	24.97	25.03	25.13	24.97	24.90		
10	QPSK	25	25	24.90	25.02	25.01	24.96	24.92		
10	QPSK	50	0	25.06	24.98	25.06	25.07	24.99		
10	16QAM	1	0	25.07	25.01	25.05	24.99	24.98		
10	16QAM	1	25	24.97	25.04	25.05	24.98	24.94	26	1
10	16QAM	1	49	25.04	24.97	25.15	25.05	24.88		
10	16QAM	25	0	23.97	24.06	24.23	23.99	24.00		
10	16QAM	25	12	24.03	24.05	24.20	23.89	23.91	25	2
10	16QAM	25	25	23.95	24.08	24.08	24.00	23.84		
10	16QAM	50	0	24.04	24.04	24.11	24.05	24.01		
10	64QAM	1	0	24.12	23.96	24.03	24.11	23.93		
10	64QAM	1	25	24.04	24.07	23.96	23.98	23.96	25	2
10	64QAM	1	49	24.11	23.90	24.06	24.03

Band 42 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				41100	41340	41490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.26	22.27	22.18	24	0
20	QPSK	1	49	22.18	22.23	22.11		
20	QPSK	1	99	22.16	22.19	22.10		
20	QPSK	50	0	21.22	21.35	21.23	23	1
20	QPSK	50	24	21.12	21.32	21.00		
20	QPSK	50	50	21.10	21.27	21.07		
20	QPSK	100	0	21.24	21.33	21.21		
20	16QAM	1	0	21.15	21.31	21.22	23	1
20	16QAM	1	49	21.12	21.24	21.20		
20	16QAM	1	99	21.19	21.22	21.12		
20	16QAM	50	0	20.28	20.32	20.19	22	2
20	16QAM	50	24	20.12	20.18	20.17		
20	16QAM	50	50	20.01	20.28	20.06		
20	16QAM	100	0	20.12	20.28	20.09		
20	64QAM	1	0	20.23	20.34	20.15	22	2
20	64QAM	1	49	20.04	20.32	20.11		
20	64QAM	1	99	20.04	20.19	20.11		
20	64QAM	50	0	19.27	19.34	19.30	21	3
20	64QAM	50	24	19.15	19.30	19.16		
20	64QAM	50	50	19.07	19.20	19.00		
20	64QAM	100	0	19.14	19.29	19.29		
20	256QAM	1	0	17.22	17.38	17.22	19	5
20	256QAM	1	49	17.09	17.22	17.24		
20	256QAM	1	99	17.10	17.18	17.04		
20	256QAM	50	0	17.12	17.33	17.25	19	5
20	256QAM	50	24	17.22	17.29	17.20		
20	256QAM	50	50	17.08	17.31	17.22		
20	256QAM	100	0	17.17	17.24	17.15		
Channel				43160	43340	43520	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.20	22.25	22.15	24	0
15	QPSK	1	37	22.14	22.20	22.05		
15	QPSK	1	74	22.10	22.13	22.08		
15	QPSK	36	0	21.15	21.25	21.19	23	1
15	QPSK	36	20	21.09	21.26	21.14		
15	QPSK	36	39	21.06	21.20	21.01		
15	QPSK	75	0	21.22	21.31	21.14		
15	16QAM	1	0	21.10	21.24	21.16	23	1
15	16QAM	1	37	21.09	21.20	21.12		
15	16QAM	1	74	21.11	21.18	21.09		
15	16QAM	36	0	20.20	20.25	20.13	22	2
15	16QAM	36	20	20.08	20.14	20.13		
15	16QAM	36	39	20.04	20.26	20.02		
15	16QAM	75	0	20.06	20.23	20.21		
15	64QAM	1	0	20.20	20.29	20.12	22	2
15	64QAM	1	37	20.17	20.30	20.04		
15	64QAM	1	74	20.06	20.12	20.03		
15	64QAM	36	0	19.24	19.29	19.24	21	3
15	64QAM	36	20	19.10	19.24	19.10		
15	64QAM	36	39	19.03	19.16	19.05		
15	64QAM	75	0	19.11	19.23	19.26		
15	256QAM	1	0	17.17	17.32	17.18	19	5
15	256QAM	1	37	17.01	17.17	17.18		
15	256QAM	1	74	17.04	17.15	17.13		
15	256QAM	36	0	17.05	17.27	17.21	19	5
15	256QAM	36	20	17.15	17.23	17.13		
15	256QAM	36	39	17.02	17.28	17.17		
15	256QAM	75	0	17.12	17.18	17.11		
Channel				41140	41340	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.20	22.24	22.11	24	0
10	QPSK	1	25	22.13	22.20	22.09		
10	QPSK	1	49	22.13	22.16	22.07		
10	QPSK	25	0	21.19	21.27	21.16	23	1
10	QPSK	25	12	21.08	21.20	21.05		
10	QPSK	25	25	21.03	21.24	21.05		
10	QPSK	50	0	21.16	21.28	21.18	23	1
10	16QAM	1	0	21.08	21.26	21.18		
10	16QAM	1	25	21.06	21.17	21.17		
10	16QAM	1	49	21.17	21.20	21.07		
10	16QAM	25	0	20.24	20.22	20.16	22	2
10	16QAM	25	12	20.06	20.11	20.12		
10	16QAM	25	25	20.07	20.23	20.01		
10	16QAM	50	0	20.08	20.25	20.23		
10	64QAM	1	0	20.16	20.30	20.09	22	2
10	64QAM	1	25	20.17	20.27	20.07		
10	64QAM	1	49	20.05	20.12	20.06		
10	64QAM	25	0	19.24	19.27	19.24	21	3
10	64QAM	25	12	19.08	19.28	19.11		
10	64QAM	25	25	19.03	19.17	19.08		
10	64QAM	50	0	19.09	19.21	19.25		
10	256QAM	1	0	17.19	17.30	17.14	19	5
10	256QAM	1	25	17.03	17.20	17.19		
10	256QAM	1	49	17.06	17.11	17.15		
10	256QAM	25	0	17.07	17.27	17.22	19	5
10	256QAM	25	12	17.09	17.26	17.14		
10	256QAM	25	25	17.05	17.25	17.14		
10	256QAM	50	0	17.11	17.27	17.17		
Channel				41115	41340	42565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.18	22.23	22.03	24	0
5	QPSK	1	12	22.11	22.20	22.03		
5	QPSK	1	24	22.13	22.12	22.05		
5	QPSK	12	0	21.16	21.27	21.19	23	1
5	QPSK	12	7	21.05	21.25	21.15		
5	QPSK	12	13	21.04	21.20	21.01		
5	QPSK	25	0	21.10	21.30	21.14		
5	16QAM	1	0	21.10	21.24	21.18	23	1
5	16QAM	1	12	21.08	21.19	21.15		
5	16QAM	1	24	21.16	21.22	21.04		
5	16QAM	12	0	20.21	20.22	20.16	22	2
5	16QAM	12	7	20.04	20.16	20.14		
5	16QAM	12	13	20.05	20.25	20.02		
5	16QAM	25	0	20.08	20.22	20.21		
5	64QAM	1	0	20.16	20.32	20.11	22	2
5	64QAM	1	12	20.14	20.27	20.07		
5	64QAM	1	24	20.02	20.15	20.09		
5	64QAM	12	0	19.20	19.30	19.25	21	3
5	64QAM	12	7	19.08	19.23	19.12		
5	64QAM	12	13	19.03	19.13	19.05		
5	64QAM	25	0	19.11	19.21	19.27		
5	256QAM	1	0	17.17	17.32	17.15	19	5
5	256QAM	1	12	17.06	17.20	17.19		
5	256QAM	1	24	17.03	17.16	17.02		
5	256QAM	12	0	17.09	17.26	17.18	19	5
5	256QAM	12	7	17.20	17.24	17.17		
5	256QAM	12	13	17.02	17.25	17.19		
5	256QAM	25	0	17.13	17.19	17.10		

Band 42 Part 27Q Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42100	42500	42900		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.89	21.93	21.86	23	0
20	QPSK	1	49	21.80	21.89	21.79		
20	QPSK	1	99	21.78	21.87	21.73		
20	QPSK	50	0	20.90	20.91	20.83	22	1
20	QPSK	50	24	20.81	20.90	20.77		
20	QPSK	50	50	20.77	20.81	20.67		
20	QPSK	100	0	20.85	20.90	20.81		
20	16QAM	1	0	20.92	20.99	20.86	22	1
20	16QAM	1	49	20.75	20.92	20.78		
20	16QAM	1	99	20.76	20.92	20.77		
20	16QAM	50	0	19.92	19.99	19.78	21	2
20	16QAM	50	24	19.83	19.89	19.80		
20	16QAM	50	50	19.81	19.79	19.71		
20	16QAM	100	0	19.87	19.89	19.86		
20	64QAM	1	0	19.97	19.94	19.85	21	2
20	64QAM	1	49	19.75	19.94	19.74		
20	64QAM	1	99	19.77	19.90	19.76		
20	64QAM	50	0	18.90	18.91	18.88	20	3
20	64QAM	50	24	18.76	18.90	18.76		
20	64QAM	50	50	18.79	18.83	18.82		
20	64QAM	100	0	18.89	18.89	18.91		
20	256QAM	1	0	16.91	16.88	16.87	18	5
20	256QAM	1	49	16.77	16.94	16.82		
20	256QAM	1	99	16.80	16.81	16.69		
20	256QAM	50	0	16.89	16.96	16.87	18	5
20	256QAM	50	24	16.87	16.94	16.81		
20	256QAM	50	50	16.79	16.95	16.82		
20	256QAM	100	0	16.71	16.94	16.78		
Channel				42105	42500	42915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.80	21.80	23	0
15	QPSK	1	37	21.76	21.80	21.68		
15	QPSK	1	74	21.70	21.74	21.64		
15	QPSK	36	0	20.82	20.81	20.80	22	1
15	QPSK	36	20	20.70	20.85	20.64		
15	QPSK	36	39	20.73	20.77	20.58		
15	QPSK	75	0	20.79	20.86	20.78		
15	16QAM	1	0	20.88	20.87	20.77	22	1
15	16QAM	1	37	20.73	20.81	20.67		
15	16QAM	1	74	20.86	20.83	20.65		
15	16QAM	36	0	19.85	19.83	19.66	21	2
15	16QAM	36	20	19.81	19.75	19.69		
15	16QAM	36	39	19.76	19.67	19.66		
15	16QAM	75	0	19.83	19.84	19.75		
15	64QAM	1	0	19.87	19.80	19.82	21	2
15	64QAM	1	37	19.72	19.85	19.61		
15	64QAM	1	74	19.79	19.81	19.72		
15	64QAM	36	0	18.87	18.88	18.79	20	3
15	64QAM	36	20	18.68	18.85	18.67		
15	64QAM	36	39	18.73	18.80	18.50		
15	64QAM	75	0	18.83	18.76	18.83		
15	256QAM	1	0	16.79	16.85	16.81	18	5
15	256QAM	1	37	16.66	16.88	16.80		
15	256QAM	1	74	16.76	16.70	16.64		
15	256QAM	36	0	16.80	16.83	16.82	18	5
15	256QAM	36	20	16.82	16.91	16.73		
15	256QAM	36	39	16.73	16.86	16.71		
15	256QAM	75	0	16.57	16.91	16.85		
Channel				42140	42500	42860	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	21.79	21.89	21.76	23	0
10	QPSK	1	25	21.77	21.83	21.67		
10	QPSK	1	49	21.69	21.77	21.64		
10	QPSK	25	0	20.86	20.84	20.70	22	1
10	QPSK	25	12	20.75	20.80	20.68		
10	QPSK	25	25	20.73	20.74	20.59		
10	QPSK	50	0	20.80	20.80	20.81		
10	16QAM	1	0	20.86	20.86	20.78	22	1
10	16QAM	1	25	20.62	20.80	20.67		
10	16QAM	1	49	20.66	20.87	20.68		
10	16QAM	25	0	19.81	19.76	19.68	21	2
10	16QAM	25	12	19.71	19.85	19.76		
10	16QAM	25	25	19.77	19.67	19.65		
10	16QAM	50	0	19.84	19.86	19.81		
10	64QAM	1	0	19.91	19.80	19.78	21	2
10	64QAM	1	25	19.65	19.80	19.71		
10	64QAM	1	49	19.69	19.97	19.63		
10	64QAM	25	0	18.87	18.87	18.81	20	3
10	64QAM	25	12	18.68	18.87	18.68		
10	64QAM	25	25	18.67	18.76	18.56		
10	64QAM	50	0	18.85	18.77	18.82		
10	256QAM	1	0	16.79	16.85	16.83	18	5
10	256QAM	1	25	16.63	16.87	16.76		
10	256QAM	1	49	16.67	16.70	16.62		
10	256QAM	25	0	16.83	16.85	16.75	18	5
10	256QAM	25	12	16.79	16.80	16.77		
10	256QAM	25	25	16.67	16.84	16.74		
10	256QAM	50	0	16.59	16.83	16.72		
Channel				42115	42500	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.72	23	0
5	QPSK	1	12	21.72	21.84	21.65		
5	QPSK	1	24	21.74	21.74	21.61		
5	QPSK	12	0	20.78	20.85	20.69	22	1
5	QPSK	12	7	20.73	20.83	20.74		
5	QPSK	12	13	20.68	20.79	20.54		
5	QPSK	25	0	20.80	20.78	20.82		
5	16QAM	1	0	20.78	20.78	20.74	22	1
5	16QAM	1	12	20.65	20.78	20.65		
5	16QAM	1	24	20.70	20.80	20.74		
5	16QAM	12	0	19.81	19.76	19.69	21	2
5	16QAM	12	7	19.69	19.87	19.71		
5	16QAM	12	13	19.72	19.84	19.64		
5	16QAM	25	0	19.77	19.83	19.80		
5	64QAM	1	0	19.86	19.90	19.77	21	2
5	64QAM	1	12	19.70	19.85	19.74		
5	64QAM	1	24	19.69	19.85	19.67		
5	64QAM	12	0	18.79	18.85	18.75	20	3
5	64QAM	12	7	18.66	18.77	18.68		
5	64QAM	12	13	18.69	18.69	18.55		
5	64QAM	25	0	18.81	18.76	18.78		
5	256QAM	1	0	16.82	16.80	16.78	18	5
5	256QAM	1	12	16.66	16.89	16.76		
5	256QAM	1	24	16.75	16.67	16.58		
5	256QAM	12	0	16.85	16.88	16.77	18	5
5	256QAM	12	7	16.77	16.91	16.77		
5	256QAM	12	13	16.70	16.86	16.71		
5	256QAM	25	0	16.60	16.85	16.75		

Band 43 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44000	44400		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.31	22.41	22.31	24	0
20	QPSK	1	49	22.12	22.32	22.23		
20	QPSK	1	99	22.15	22.27	22.22		
20	QPSK	50	0	21.28	21.38	21.19	23	1
20	QPSK	50	24	21.12	21.23	21.26		
20	QPSK	50	50	21.14	21.34	21.28		
20	QPSK	100	0	21.26	21.42	21.31		
20	16QAM	1	0	21.27	21.24	21.32	23	1
20	16QAM	1	49	21.14	21.44	21.20		
20	16QAM	1	99	21.16	21.34	21.19		
20	16QAM	50	0	20.29	20.37	20.21	22	2
20	16QAM	50	24	20.10	20.22	20.23		
20	16QAM	50	50	20.13	20.30	20.28		
20	16QAM	100	0	20.30	20.34	20.39		
20	64QAM	1	0	20.25	20.34	20.32	22	2
20	64QAM	1	49	20.22	20.44	20.27		
20	64QAM	1	99	20.21	20.33	20.23		
20	64QAM	50	0	19.31	19.38	19.31	21	3
20	64QAM	50	24	19.11	19.25	19.28		
20	64QAM	50	50	19.18	19.27	19.20		
20	64QAM	100	0	19.23	19.26	19.35		
20	256QAM	1	0	17.34	17.43	17.24	19	5
20	256QAM	1	49	17.12	17.30	17.16		
20	256QAM	1	99	17.19	17.23	17.34		
20	256QAM	50	0	17.25	17.29	17.36	19	5
20	256QAM	50	24	17.27	17.32	17.33		
20	256QAM	50	50	17.23	17.39	17.23		
20	256QAM	100	0	17.12	17.38	17.20		
Channel				43665	44000	44315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.18	22.30	22.19	24	0
15	QPSK	1	37	22.05	22.23	22.13		
15	QPSK	1	74	22.05	22.16	22.12		
15	QPSK	36	0	21.18	21.29	21.09	23	1
15	QPSK	36	20	21.03	21.14	21.13		
15	QPSK	36	39	21.06	21.22	21.19		
15	QPSK	75	0	21.17	21.34	21.21		
15	16QAM	1	0	21.15	21.13	21.22	23	1
15	16QAM	1	37	21.02	21.34	21.09		
15	16QAM	1	74	21.09	21.21	21.10		
15	16QAM	36	0	20.16	20.27	20.11	22	2
15	16QAM	36	20	20.02	20.10	20.12		
15	16QAM	36	39	20.01	20.18	20.20		
15	16QAM	75	0	20.22	20.23	20.27		
15	64QAM	1	0	20.17	20.27	20.21	22	2
15	64QAM	1	37	20.13	20.33	20.18		
15	64QAM	1	74	20.13	20.21	20.10		
15	64QAM	36	0	19.23	19.26	19.23	21	3
15	64QAM	36	20	19.03	19.12	19.16		
15	64QAM	36	39	19.11	19.18	19.08		
15	64QAM	75	0	19.10	19.17	19.27		
15	256QAM	1	0	17.21	17.30	17.14	19	5
15	256QAM	1	37	17.02	17.22	17.07		
15	256QAM	1	74	17.09	17.15	17.24		
15	256QAM	36	0	17.13	17.18	17.23	19	5
15	256QAM	36	20	17.16	17.24	17.22		
15	256QAM	36	39	17.11	17.26	17.16		
15	256QAM	75	0	17.04	17.30	17.11		
Channel				43640	44000	44360	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.20	22.32	22.20	24	0
10	QPSK	1	25	22.00	22.19	22.11		
10	QPSK	1	49	22.02	22.20	22.12		
10	QPSK	25	0	21.21	21.29	21.08	23	1
10	QPSK	25	12	21.03	21.15	21.16		
10	QPSK	25	25	21.02	21.22	21.17		
10	QPSK	50	0	21.16	21.32	21.20		
10	16QAM	1	0	21.19	21.13	21.19	23	1
10	16QAM	1	25	21.06	21.36	21.09		
10	16QAM	1	49	21.08	21.23	21.08		
10	16QAM	25	0	20.16	20.26	20.14	22	2
10	16QAM	25	12	20.01	20.10	20.14		
10	16QAM	25	25	20.06	20.19	20.17		
10	16QAM	50	0	20.03	20.23	20.32		
10	64QAM	1	0	20.17	20.22	20.24	22	2
10	64QAM	1	25	20.10	20.34	20.18		
10	64QAM	1	49	20.12	20.25	20.12		
10	64QAM	25	0	19.24	19.27	19.20	21	3
10	64QAM	25	12	19.04	19.13	19.20		
10	64QAM	25	25	19.08	19.17	19.11		
10	64QAM	50	0	19.13	19.13	19.27		
10	256QAM	1	0	17.25	17.35	17.15	19	5
10	256QAM	1	25	17.04	17.20	17.04		
10	256QAM	1	49	17.08	17.11	17.23		
10	256QAM	25	0	17.15	17.29	17.28	19	5
10	256QAM	25	12	17.20	17.24	17.22		
10	256QAM	25	25	17.14	17.29	17.13		
10	256QAM	50	0	17.09	17.26	17.11		
Channel				43615	44000	44385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.20	22.30	22.22	24	0
5	QPSK	1	12	22.01	22.21	22.18		
5	QPSK	1	24	22.03	22.19	22.11		
5	QPSK	12	0	21.27	21.33	21.09	23	1
5	QPSK	12	7	21.01	21.16	21.14		
5	QPSK	12	13	21.07	21.24	21.18		
5	QPSK	25	0	21.17	21.34	21.20		
5	16QAM	1	0	21.20	21.14	21.18	23	1
5	16QAM	1	12	21.02	21.35	21.13		
5	16QAM	1	24	21.07	21.22	21.12		
5	16QAM	12	0	20.20	20.26	20.12	22	2
5	16QAM	12	7	20.01	20.11	20.13		
5	16QAM	12	13	20.03	20.23	20.19		
5	16QAM	25	0	20.21	20.22	20.27		
5	64QAM	1	0	20.17	20.25	20.20	22	2
5	64QAM	1	12	20.11	20.35	20.16		
5	64QAM	1	24	20.09	20.25	20.10		
5	64QAM	12	0	19.19	19.26	19.21	21	3
5	64QAM	12	7	19.02	19.12	19.15		
5	64QAM	12	13	19.05	19.19	19.10		
5	64QAM	25	0	19.14	19.18	19.24		
5	256QAM	1	0	17.23	17.33	17.17	19	5
5	256QAM	1	12	17.04	17.17	17.05		
5	256QAM	1	24	17.07	17.12	17.21		
5	256QAM	12	0	17.14	17.16	17.28	19	5
5	256QAM	12	7	17.17	17.19	17.23		
5	256QAM	12	13	17.11	17.28	17.12		
5	256QAM	25	0	17.01	17.26	17.07		

Band 48 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.49	23.51	23.45	23.43	24	0
20	QPSK	1	49	23.41	23.46	23.38	23.30		
20	QPSK	1	99	23.41	23.44	23.38	23.35		
20	QPSK	50	0	22.52	22.56	22.43	22.39	23	1
20	QPSK	50	24	22.41	22.44	22.38	22.30		
20	QPSK	50	50	22.47	22.44	22.38	22.35		
20	QPSK	100	0	22.51	22.54	22.55	22.47		
20	16QAM	1	0	22.44	22.47	22.50	22.40	23	1
20	16QAM	1	49	22.38	22.48	22.33	22.24		
20	16QAM	1	99	22.41	22.39	22.41	22.39		
20	16QAM	50	0	21.54	21.54	21.46	21.45	22	2
20	16Q

Band 42 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	23.22	23.29	23.20	25	0
20	QPSK	1	49	23.20	23.22	23.15		
20	QPSK	1	99	23.13	23.22	23.23		
20	QPSK	50	0	22.25	22.26	22.20	24	1
20	QPSK	50	24	22.24	22.23	22.13		
20	QPSK	50	50	22.12	22.24	22.20		
20	QPSK	100	0	22.17	22.24	22.20		
20	16QAM	1	0	22.24	22.27	22.25	24	1
20	16QAM	1	49	22.15	22.26	22.21		
20	16QAM	1	99	22.10	22.26	22.19		
20	16QAM	50	0	21.23	21.33	21.34	23	2
20	16QAM	50	24	21.12	21.22	21.17		
20	16QAM	50	50	21.10	21.32	21.18		
20	16QAM	100	0	21.15	21.23	21.16		
20	64QAM	1	0	21.30	21.22	21.30	23	2
20	64QAM	1	49	21.21	21.16	21.15		
20	64QAM	1	99	21.14	21.20	21.25		
20	64QAM	50	0	20.21	20.30	20.21	22	3
20	64QAM	50	24	20.10	20.28	20.17		
20	64QAM	50	50	20.11	20.27	20.24		
20	64QAM	100	0	20.16	20.28	20.22		
20	256QAM	1	0	18.17	18.35	18.28	20	5
20	256QAM	1	49	18.13	18.27	18.17		
20	256QAM	1	99	18.12	18.30	18.25		
20	256QAM	50	0	18.18	18.31	18.27	20	5
20	256QAM	50	24	18.29	18.29	18.24		
20	256QAM	50	50	18.13	18.20	18.27		
20	256QAM	100	0	18.08	18.32	18.21		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	23.22	23.22	23.18	25	0
15	QPSK	1	37	23.14	23.21	23.14		
15	QPSK	1	74	23.07	23.23	23.21		
15	QPSK	36	0	22.20	22.26	22.19	24	1
15	QPSK	36	20	22.08	22.20	22.01		
15	QPSK	36	39	22.14	22.22	22.16		
15	QPSK	75	0	22.09	22.16	22.24		
15	16QAM	1	0	22.16	22.26	22.24	24	1
15	16QAM	1	37	22.09	22.15	22.13		
15	16QAM	1	74	22.11	22.16	22.13		
15	16QAM	36	0	21.22	21.27	21.27	23	2
15	16QAM	36	20	21.03	21.16	21.13		
15	16QAM	36	39	21.02	21.29	21.14		
15	16QAM	75	0	21.14	21.15	21.13		
15	64QAM	1	0	21.29	21.15	21.21	23	2
15	64QAM	1	37	21.22	21.06	21.10		
15	64QAM	1	74	21.16	21.12	21.20		
15	64QAM	36	0	20.20	20.27	20.20	22	3
15	64QAM	36	20	20.08	20.21	20.07		
15	64QAM	36	39	20.04	20.25	20.28		
15	64QAM	75	0	20.10	20.29	20.19		
15	256QAM	1	0	18.12	18.31	18.31	20	5
15	256QAM	1	37	18.13	18.17	18.18		
15	256QAM	1	74	18.01	18.24	18.15		
15	256QAM	36	0	18.18	18.30	18.18	20	5
15	256QAM	36	20	18.19	18.24	18.13		
15	256QAM	36	39	18.12	18.21	18.20		
15	256QAM	75	0	18.00	18.26	18.15		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	23.13	23.21	23.18	25	0
10	QPSK	1	25	23.13	23.22	23.13		
10	QPSK	1	49	23.12	23.17	23.12		
10	QPSK	25	0	22.20	22.27	22.17	24	1
10	QPSK	25	12	22.08	22.13	22.06		
10	QPSK	25	25	22.12	22.21	22.20		
10	QPSK	50	0	22.17	22.17	22.23		
10	16QAM	1	0	22.21	22.27	22.26	24	1
10	16QAM	1	25	22.08	22.19	22.15		
10	16QAM	1	49	22.09	22.22	22.11		
10	16QAM	25	0	21.17	21.23	21.23	23	2
10	16QAM	25	12	21.04	21.19	21.11		
10	16QAM	25	25	21.10	21.30	21.15		
10	16QAM	50	0	21.08	21.14	21.11		
10	64QAM	1	0	21.21	21.10	21.22	23	2
10	64QAM	1	25	21.13	21.13	21.08		
10	64QAM	1	49	21.08	21.20	21.14		
10	64QAM	25	0	20.12	20.26	20.15	22	3
10	64QAM	25	12	20.06	20.19	20.12		
10	64QAM	25	25	20.08	20.23	20.24		
10	64QAM	50	0	20.16	20.24	20.17		
10	256QAM	1	0	18.16	18.34	18.28	20	5
10	256QAM	1	25	18.03	18.23	18.16		
10	256QAM	1	49	18.08	18.24	18.19		
10	256QAM	25	0	18.16	18.27	18.20	20	5
10	256QAM	25	12	18.22	18.26	18.18		
10	256QAM	25	25	18.03	18.12	18.22		
10	256QAM	50	0	18.09	18.24	18.13		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	23.17	23.26	23.17	25	0
5	QPSK	1	12	23.16	23.13	23.13		
5	QPSK	1	24	23.07	23.13	23.11		
5	QPSK	12	0	22.23	22.27	22.25	24	1
5	QPSK	12	7	22.10	22.12	22.03		
5	QPSK	12	13	22.06	22.24	22.17		
5	QPSK	25	0	22.09	22.20	22.23		
5	16QAM	1	0	22.19	22.18	22.16	24	1
5	16QAM	1	12	22.18	22.20	22.21		
5	16QAM	1	24	22.02	22.18	22.08		
5	16QAM	12	0	21.19	21.21	21.22	23	2
5	16QAM	12	7	21.09	21.18	21.11		
5	16QAM	12	13	21.02	21.31	21.20		
5	16QAM	25	0	21.06	21.17	21.16		
5	64QAM	1	0	21.26	21.14	21.26	23	2
5	64QAM	1	12	21.08	21.12	21.06		
5	64QAM	1	24	21.05	21.20	21.21		
5	64QAM	12	0	20.11	20.22	20.14	22	3
5	64QAM	12	7	20.08	20.22	20.12		
5	64QAM	12	13	20.04	20.21	20.24		
5	64QAM	25	0	20.10	20.20	20.21		
5	256QAM	1	0	18.19	18.29	18.25	20	5
5	256QAM	1	12	18.13	18.19	18.08		
5	256QAM	1	24	18.03	18.19	18.18		
5	256QAM	12	0	18.17	18.28	18.18	20	5
5	256QAM	12	7	18.29	18.27	18.18		
5	256QAM	12	13	18.03	18.21	18.18		
5	256QAM	25	0	18.06	18.24	18.10		

Band 42 Part 27Q Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.93	22.95	22.92	24	0
20	QPSK	1	49	22.87	22.92	22.89		
20	QPSK	1	99	22.80	22.89	22.79		
20	QPSK	50	0	21.95	21.99	21.89	23	1
20	QPSK	50	24	21.85	21.92	21.89		
20	QPSK	50	50	21.83	21.83	21.74		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	21.88	21.91	21.89	23	1
20	16QAM	1	49	21.86	21.89	21.90		
20	16QAM	1	99	21.84	21.90	21.84		
20	16QAM	50	0	20.99	20.96	20.94	22	2
20	16QAM	50	24	20.83	20.90	20.90		
20	16QAM	50	50	20.86	20.79	20.73		
20	16QAM	100	0	20.96	20.95	20.95		
20	64QAM	1	0	20.89	20.87	20.87	22	2
20	64QAM	1	49	20.80	20.85	20.88		
20	64QAM	1	99	20.88	20.95	20.81		
20	64QAM	50	0	19.95	20.00	19.92	21	3
20	64QAM	50	24	19.85	19.94	19.90		
20	64QAM	50	50	19.84	19.86	19.76		
20	64QAM	100	0	19.93	19.96	19.88		
20	256QAM	1	0	17.97	17.99	17.87	19	5
20	256QAM	1	49	17.85	17.87	17.84		
20	256QAM	1	99	17.82	17.84	17.68		
20	256QAM	50	0	17.91	17.90	17.88	19	5
20	256QAM	50	24	17.86	17.93	17.89		
20	256QAM	50	50	17.85	17.95	17.87		
20	256QAM	100	0	17.88	17.88	17.79		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.84	22.88	22.87	24	0
15	QPSK	1	37	22.74	22.83	22.84		
15	QPSK	1	74	22.68	22.80	22.70		
15	QPSK	36	0	21.93	21.88	21.87	23	1
15	QPSK	36	20	21.75	21.81	21.84		
15	QPSK	36	39	21.74	21.70	21.67		
15	QPSK	75	0	21.93	21.86	21.79		
15	16QAM	1	0	21.81	21.78	21.82	23	1
15	16QAM	1	37	21.82	21.79	21.82		
15	16QAM	1	74	21.76	21.82	21.80		
15	16QAM	36	0	20.88	20.92	20.86	22	2
15	16QAM	36	20	20.80	20.76	20.85		
15	16QAM	36	39	20.77	20.68	20.80		
15	16QAM	75	0	20.88	20.91	20.88		
15	64QAM	1	0	20.79	20.75	20.76	22	2
15	64QAM	1	37	20.88	20.71	20.82		
15	64QAM	1	74	20.79	20.91	20.74		
15	64QAM	36	0	19.93	19.97	19.80	21	3
15	64QAM	36	20	19.75	19.82	19.77		
15	64QAM	36	39	19.72	19.72	19.72		
15	64QAM	75	0	19.79	19.87	19.83		
15	256QAM	1	0	17.88	17.91	17.74	19	5
15	256QAM	1	37	17.75	17.84	17.73		
15	256QAM	1	74	17.69	17.76	17.55		
15	256QAM	36	0	17.85	17.78	17.83	19	5
15	256QAM	36	20	17.74	17.81	17.82		
15	256QAM	36	39	17.78	17.92	17.82		
15	256QAM	75	0	17.82	17.83	17.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.84	22.81	22.89	24	0
10	QPSK	1	25	22.80	22.85	22.77		
10	QPSK	1	49	22.68	22.76	22.67		
10	QPSK	25	0	21.85	21.90	21.85	23	1
10	QPSK	25	12	21.80	21.85	21.87		
10	QPSK	25	25	21.72	21.70	21.69		
10	QPSK	50	0	21.85	21.85	21.85		
10	16QAM	1	0	21.80	21.77	21.76	23	1
10	16QAM	1	25	21.77	21.81	21.78		
10	16QAM	1	49	21.72	21.80	21.73		
10	16QAM	25	0	20.80	20.84	20.85	22	2
10	16QAM	25	12	20.73	20.87	20.77		
10	16QAM	25	25	20.79	20.65	20.65		
10	16QAM	50	0	20.84	20.89	20.83		
10	64QAM	1	0	20.83	20.76	20.76	22	2
10	64QAM	1	25	20.73	20.82	20.75		
10	64QAM	1	49	20.78	20.80	20.67		
10	64QAM	25	0	19.86	19.89	19.82	21	3
10	64QAM	25	12	19.80	19.90	19.81		
10	64QAM	25	25	19.71	19.79	19.72		
10	64QAM	50	0	19.84	19.87	19.83		
10	256QAM	1	0	17.83	17.91	17.76	19	5
10	256QAM	1	25	17.80	17.85	17.70		
10	256QAM	1	49	17.75	17.74	17.63		
10	256QAM	25	0	17.81	17.82	17.80	19	5
10	256QAM	25	12	17.77	17.74	17.77		
10	256QAM	25	25	17.79	17.82	17.82		
10	256QAM	50	0	17.84	17.77	17.77		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.89	22.91	22.87	24	0
5	QPSK	1	12	22.83	22.83	22.85		
5	QPSK	1	24	22.76	22.82	22.69		
5	QPSK	12	0	21.91	21.87	21.77	23	1
5	QPSK	12	7	21.81	21.88	21.84		
5	QPSK	12	13	21.73	21.80	21.66		
5	QPSK	25	0	21.82	21.84	21.80		
5	16QAM	1	0	21.75	21.81	21.85	23	1
5	16QAM	1	12	21.78	21.77	21.82		
5	16QAM	1	24	21.68	21.73	21.74		
5	16QAM	12	0	20.91	20.91	20.86	22	2
5	16QAM	12	7	20.71	20.84	20.83		
5	16QAM	12	13	20.76	20.73	20.62		
5	16QAM	25	0	20.91	20.89	20.82		
5	64QAM	1	0	20.84	20.76	20.76	22	2
5	64QAM	1	12	20.73	20.84	20.74		
5	64QAM	1	24	20.75	20.85	20.78		
5	64QAM	12	0	19.82	19.98	19.79	21	3
5	64QAM	12	7	19.80	19.89	19.82		
5	64QAM	12	13	19.79	19.79	19.70		
5	64QAM	25	0	19.84	19.85	19.82		
5	256QAM	1	0	17.86	17.91	17.75	19	5
5	256QAM	1	12	17.79	17.82	17.76		
5	256QAM	1	24	17.74	17.82	17.56		
5	256QAM	12	0	17.86	17.77	17.82	19	5
5	256QAM	12	7	17.75	17.82	17.82		
5	256QAM	12	13	17.77	17.89	17.83		
5	256QAM	25	0	17.77	17.85	17.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.29	23.35	23.30	25	0
20	QPSK	1	49	23.19	23.32	23.27		
20	QPSK	1	99	23.24	23.29	23.21		
20	QPSK	50	0	22.33	22.38	22.31	24	1
20	QPSK	50	24	22.25	22.35	22.22		
20	QPSK	50	50	22.20	22.25	22.22		
20	QPSK	100	0	22.24	22.35	22.30		
20	16QAM	1	0	22.30	22.33	22.27	24	1
20	16QAM	1	49	22.20	22.28	22.32		
20	16QAM	1	99	22.25	22.23	22.26		
20	16QAM	50	0	21.33	21.38	21.35	23	2
20	16QAM	50	24	21.21	21.34	21.26		
20	16QAM	50	50	21.20	21.31	21.17		
20	16QAM	100	0	21.24	21.34	21.26		
20	64QAM	1	0	21.24	21.33	21.32	23	2
20	64QAM	1	49	21.16	21.29	21.29		
20	64QAM	1	99	21.21	21.18	21.30		
20	64QAM	50	0	20.35	20.33	20.25	22	3
20	64QAM	50	24	20.20	20.36	20.25		
20	64QAM	50	50	20.19	20.20	20.26		
20	64QAM	100	0	20.25	20.36	20.29		
20	256QAM	1	0	18.35	18.39	18.36	20	5
20	256QAM	1	49	18.29	18.31	18.28		
20	256QAM	1	99	18.20	18.27	18.24		
20	256QAM	50	0	18.18	18.37	18.34	20	5
20	256QAM	50	24	18.26	18.38	18.27		
20	256QAM	50	50	18.25	18.28	18.29		
20	256QAM	100	0	18.19	18.17	18.29		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	23.16	23.29	23.16	25	0
15	QPSK	1	37	23.05	23.30	23.15		
15	QPSK	1	74	23.12	23.23	23.09		
15	QPSK	36	0	22.21	22.24	22.20	24	1
15	QPSK	36	20	22.22	22.32	22.12		
15	QPSK	36	39	22.14	22.17	22.11		
15	QPSK	75	0	22.17	22.32	22.17		
15	16QAM	1	0	22.23	22.29	22.24	24	1
15	16QAM	1	37	22.14	22.21	22.18		
15	16QAM	1	74	22.21	22.10	22.19		
15	16QAM	36	0	21.21	21.27	21.24	23	2
15	16QAM	36	20	21.14	21.25	21.21		
15	16QAM	36	39	21.13	21.19	21.07		
15	16QAM	75	0	21.20	21.21	21.23		
15	64QAM	1	0	21.17	21.26	21.22	23	2
15	64QAM	1	37	21.02	21.21	21.24		
15	64QAM	1	74	21.08	21.14	21.23		
15	64QAM	36	0	20.27	20.21	20.22	22	3
15	64QAM	36	20	20.13	20.27	20.14		
15	64QAM	36	39	20.06	20.18	20.16		
15	64QAM	75	0	20.14	20.29	20.23		
15	256QAM	1	0	18.27	18.36	18.22	20	5
15	256QAM	1	37	18.18	18.29	18.08		
15	256QAM	1	74	18.14	18.19	18.16		
15	256QAM	36	0	18.14	18.27	18.29	20	5
15	256QAM	36	20	18.21	18.28	18.22		
15	256QAM	36	39	18.11	18.20	18.24		
15	256QAM	75	0	18.14	18.15	18.21		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.21	23.32	23.26	25	0
10	QPSK	1	25	23.13	23.19	23.14		
10	QPSK	1	49	23.13	23.21	23.16		
10	QPSK	25	0	22.20	22.30	22.21	24	1
10	QPSK	25	12	22.04	22.18	22.30		
10	QPSK	25	25	22.06	22.17	22.18		
10	QPSK	50	0	22.16	22.26	22.21		
10	16QAM	1	0	22.24	22.31	22.22	24	1
10	16QAM	1	25	22.08	22.16	22.23		
10	16QAM	1	49	22.23	22.10	22.17		
10	16QAM	25	0	21.23	21.28	21.18	23	2
10	16QAM	25	12	21.12	21.27	21.15		
10	16QAM	25	25	21.18	21.29	21.13		
10	16QAM	50	0	21.20	21.30	21.19		
10	64QAM	1	0	21.18	21.24	21.23	23	2
10	64QAM	1	25	21.13	21.26	21.23		
10	64QAM	1	49	21.10	21.16	21.21		
10	64QAM	25	0	20.25	20.25	20.18	22	3
10	64QAM	25	12	20.08	20.31	20.17		
10	64QAM	25	25	20.10	20.14	20.15		
10	64QAM	50	0	20.13	20.32	20.27		
10	256QAM	1	0	18.31	18.31	18.22	20	5
10	256QAM	1	25	18.16	18.17	18.07		
10	256QAM	1	49	18.11	18.19	18.12		
10	256QAM	25	0	18.13	18.33	18.24	20	5
10	256QAM	25	12	18.13	18.24	18.23		
10	256QAM	25	25	18.13	18.16	18.20		
10	256QAM	50	0	18.09	18.29	18.20		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.25	23.24	23.24	25	0
5	QPSK	1	12	23.09	23.18	23.16		
5	QPSK	1	24	23.21	23.22	23.17		
5	QPSK	12	0	22.33	22.33	22.18	24	1
5	QPSK	12	7	22.16	22.23	22.09		
5	QPSK	12	13	22.16	22.22	22.19		
5	QPSK	25	0	22.13	22.23	22.19		
5	16QAM	1	0	22.27	22.20	22.24	24	1
5	16QAM	1	12	22.18	22.23	22.19		
5	16QAM	1	24	22.17	22.24	22.14		
5	16QAM	12	0	21.27	21.35	21.14	23	2
5	16QAM	12	7	21.09	21.31	21.17		
5	16QAM	12	13	21.08	21.33	21.20		
5	16QAM	25	0	21.11	21.30	21.22		
5	64QAM	1	0	21.17	21.22	21.24	23	2
5	64QAM	1	12	21.09	21.26	21.16		
5	64QAM	1	24	21.19	21.13	21.17		
5	64QAM	12	0	20.23	20.23	20.13	22	3
5	64QAM	12	7	20.11	20.24	20.12		
5	64QAM	12	13	20.10	20.15	20.19		
5	64QAM	25	0	20.20	20.29	20.26		
5	256QAM	1	0	18.31	18.27	18.34	20	5
5	256QAM	1	12	18.27	18.24	18.18		
5	256QAM	1	24	18.08	18.19	18.18		
5	256QAM	12	0	18.28	18.31	18.30	20	5
5	256QAM	12	7	18.22	18.26	18.25		
5	256QAM	12	13	18.17	18.25	18.24		
5	256QAM	25	0	18.07	18.10	18.24		

Band 48 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55490	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.82	23.87	23.83	23.85	25	0
20	QPSK	1	49	23.80	23.84	23.71	23.76		
20	QPSK	1	99	23.70	23.80	23.80	23.74		
20	QPSK	50	0	22.82	22.91	22.87	22.89	24	1
20	QPSK	50	24	22.72	22.85	22.66	22.74		
20	QPSK	50	50	22.68	22.82	22.82	22.76		
20	QPSK	100	0	22.83	22.90	22.81	22.82		
20	16QAM	1	0	22.76	22.88	22.81	22.85	24	1
20	16QAM	1	49	22.80	22.85	22.75	22.82		
20	16QAM	1	99	22.68	22.76	22.81	22.74		
20	16QAM	50	0	21.87	21.85	21.87	21.92	23	2
20	16

Band 42 Ant 5 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.48	22.49	22.41	24	0
20	QPSK	1	49	22.39	22.42	22.33		
20	QPSK	1	99	22.45	22.39	22.36		
20	QPSK	50	0	21.49	21.55	21.38	23	1
20	QPSK	50	24	21.41	21.45	21.37		
20	QPSK	50	50	21.49	21.35	21.34		
20	QPSK	100	0	21.50	21.53	21.41		
20	16QAM	1	0	21.43	21.52	21.36		
20	16QAM	1	49	21.44	21.42	21.27	23	1
20	16QAM	1	99	21.49	21.37	21.37		
20	16QAM	50	0	20.45	20.59	20.36		
20	16QAM	50	24	20.40	20.51	20.37	22	2
20	16QAM	50	50	20.46	20.29	20.36		
20	16QAM	100	0	20.47	20.57	20.39		
20	64QAM	1	0	20.42	20.49	20.36		
20	64QAM	1	49	20.40	20.44	20.24	22	2
20	64QAM	1	99	20.53	20.38	20.32		
20	64QAM	50	0	19.49	19.53	19.33		
20	64QAM	50	24	19.40	19.43	19.33	21	3
20	64QAM	50	50	19.52	19.29	19.37		
20	64QAM	100	0	19.56	19.57	19.39		
20	256QAM	1	0	17.48	17.51	17.33		
20	256QAM	1	49	17.42	17.48	17.38	19	5
20	256QAM	1	99	17.46	17.37	17.28		
20	256QAM	50	0	17.53	17.56	17.44		
20	256QAM	50	24	17.39	17.58	17.36	19	5
20	256QAM	50	50	17.49	17.45	17.26		
20	256QAM	100	0	17.44	17.34	17.31		
Channel				43190	43340	43310	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.35	22.40	22.28	24	0
15	QPSK	1	37	22.30	22.28	22.23		
15	QPSK	1	74	22.32	22.29	22.30		
15	QPSK	36	0	21.36	21.42	21.28	23	1
15	QPSK	36	20	21.35	21.35	21.34		
15	QPSK	36	39	21.43	21.32	21.26		
15	QPSK	75	0	21.49	21.50	21.30		
15	16QAM	1	0	21.40	21.38	21.25		
15	16QAM	1	37	21.35	21.30	21.15	23	1
15	16QAM	1	74	21.44	21.30	21.27		
15	16QAM	36	0	20.42	20.53	20.26		
15	16QAM	36	20	20.33	20.42	20.32	22	2
15	16QAM	36	39	20.36	20.23	20.32		
15	16QAM	75	0	20.37	20.49	20.26		
15	64QAM	1	0	20.38	20.39	20.29		
15	64QAM	1	37	20.27	20.36	20.13	22	2
15	64QAM	1	74	20.43	20.24	20.20		
15	64QAM	36	0	19.45	19.51	19.24		
15	64QAM	36	20	19.29	19.38	19.23	21	3
15	64QAM	36	39	19.41	19.20	19.24		
15	64QAM	75	0	19.43	19.49	19.30		
15	256QAM	1	0	17.37	17.39	17.27		
15	256QAM	1	37	17.39	17.38	17.31	19	5
15	256QAM	1	74	17.38	17.26	17.21		
15	256QAM	36	0	17.48	17.45	17.37		
15	256QAM	36	20	17.29	17.48	17.32	19	5
15	256QAM	36	39	17.45	17.42	17.18		
15	256QAM	75	0	17.38	17.22	17.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.36	22.46	22.37	24	0
10	QPSK	1	25	22.36	22.38	22.27		
10	QPSK	1	49	22.41	22.38	22.22		
10	QPSK	25	0	21.45	21.41	21.26	23	1
10	QPSK	25	12	21.31	21.38	21.32		
10	QPSK	25	25	21.45	21.29	21.28		
10	QPSK	50	0	21.46	21.49	21.27		
10	16QAM	1	0	21.37	21.40	21.24	23	1
10	16QAM	1	25	21.33	21.39	21.24		
10	16QAM	1	49	21.41	21.35	21.24		
10	16QAM	25	0	20.32	20.46	20.26		
10	16QAM	25	12	20.27	20.39	20.33	22	2
10	16QAM	25	25	20.33	20.24	20.30		
10	16QAM	50	0	20.36	20.49	20.34		
10	64QAM	1	0	20.31	20.45	20.26		
10	64QAM	1	25	20.37	20.34	20.21	22	2
10	64QAM	1	49	20.42	20.29	20.23		
10	64QAM	25	0	19.44	19.50	19.24		
10	64QAM	25	12	19.30	19.40	19.29	21	3
10	64QAM	25	25	19.44	19.24	19.26		
10	64QAM	50	0	19.51	19.46	19.29		
10	256QAM	1	0	17.43	17.41	17.30		
10	256QAM	1	25	17.38	17.36	17.26	19	5
10	256QAM	1	49	17.42	17.29	17.17		
10	256QAM	25	0	17.45	17.41	17.31		
10	256QAM	25	12	17.29	17.56	17.31	19	5
10	256QAM	25	25	17.35	17.36	17.18		
10	256QAM	50	0	17.33	17.32	17.22		
Channel				43115	43342	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	22.37	22.43	22.36	24	0
5	QPSK	1	12	22.36	22.35	22.30		
5	QPSK	1	24	22.32	22.33	22.25		
5	QPSK	12	0	21.46	21.48	21.29	23	1
5	QPSK	12	7	21.35	21.32	21.26		
5	QPSK	12	13	21.37	21.25	21.30		
5	QPSK	25	0	21.44	21.35	21.27		
5	16QAM	1	0	21.39	21.41	21.25	23	1
5	16QAM	1	12	21.39	21.28	21.14		
5	16QAM	1	24	21.47	21.27	21.29		
5	16QAM	12	0	20.34	20.57	20.27		
5	16QAM	12	7	20.38	20.47	20.23	22	2
5	16QAM	12	13	20.39	20.38	20.29		
5	16QAM	25	0	20.38	20.50	20.33		
5	64QAM	1	0	20.28	20.38	20.26		
5	64QAM	1	12	20.37	20.31	20.17	22	2
5	64QAM	1	24	20.46	20.25	20.25		
5	64QAM	12	0	19.44	19.42	19.24		
5	64QAM	12	7	19.40	19.23	19.27	21	3
5	64QAM	12	13	19.39	19.22	19.27		
5	64QAM	25	0	19.48	19.47	19.36		
5	256QAM	1	0	17.40	17.43	17.31		
5	256QAM	1	12	17.40	17.27	17.28	19	5
5	256QAM	1	24	17.33	17.33	17.15		
5	256QAM	12	0	17.39	17.53	17.42		
5	256QAM	12	7	17.31	17.50	17.27	19	5
5	256QAM	12	13	17.40	17.35	17.23		
5	256QAM	25	0	17.36	17.20	17.19		

Band 42 Part 27Q Ant 5 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42100	42500	42900		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.08	22.13	22.05	23	0
20	QPSK	1	49	21.95	22.10	22.00		
20	QPSK	1	99	21.95	22.08	21.98		
20	QPSK	50	0	21.03	21.18	21.09	22	1
20	QPSK	50	24	20.93	21.08	20.99		
20	QPSK	50	50	20.99	21.03	20.93		
20	QPSK	100	0	21.11	21.16	21.04		
20	16QAM	1	0	21.05	21.12	21.07	22	1
20	16QAM	1	49	20.90	21.12	21.00		
20	16QAM	1	99	20.93	21.11	20.99		
20	16QAM	50	0	20.04	20.12	20.11	21	2
20	16QAM	50	24	19.95	20.03	20.02		
20	16QAM	50	50	20.03	20.05	19.95		
20	16QAM	100	0	20.14	20.12	20.02		
20	64QAM	1	0	20.00	20.11	20.03	21	2
20	64QAM	1	49	19.86	20.07	20.05		
20	64QAM	1	99	19.88	20.13	19.96		
20	64QAM	50	0	19.03	19.13	19.05	20	3
20	64QAM	50	24	18.88	19.13	18.97		
20	64QAM	50	50	18.97	18.98	18.91		
20	64QAM	100	0	19.16	19.15	19.02		
20	256QAM	1	0	17.05	17.19	17.11	18	5
20	256QAM	1	49	16.95	17.07	17.00		
20	256QAM	1	99	16.98	17.03	16.94		
20	256QAM	50	0	17.11	17.13	17.05	18	5
20	256QAM	50	24	17.05	17.07	17.11		
20	256QAM	50	50	16.86	17.13	17.02		
20	256QAM	100	0	16.89	17.16	16.93		
Channel				42100	42500	42915	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	21.95	21.99	21.96	23	0
15	QPSK	1	37	21.91	22.03	21.89		
15	QPSK	1	74	21.85	21.94	21.87		
15	QPSK	36	0	20.99	21.06	21.02	22	1
15	QPSK	36	20	20.81	20.99	20.94		
15	QPSK	36	39	20.96	20.93	20.90		
15	QPSK	75	0	21.05	21.07	20.91		
15	16QAM	1	0	20.94	21.09	20.98	22	1
15	16QAM	1	37	20.81	21.07	20.89		
15	16QAM	1	74	20.88	21.04	20.90		
15	16QAM	36	0	19.97	20.03	19.98	21	2
15	16QAM	36	20	19.88	19.99	19.96		
15	16QAM	36	39	19.90	20.01	19.92		
15	16QAM	75	0	20.09	19.99	19.91		
15	64QAM	1	0	19.94	19.98	19.92	21	2
15	64QAM	1	37	19.79	20.02	19.92		
15	64QAM	1	74	19.77	20.05	19.88		
15	64QAM	36	0	18.96	18.99	18.97	20	3
15	64QAM	36	20	18.86	19.06	18.85		
15	64QAM	36	39	18.96	18.92	18.85		
15	64QAM	75	0	19.09	19.13	18.98		
15	256QAM	1	0	17.01	17.13	17.08	18	5
15	256QAM	1	37	16.90	16.96	16.96		
15	256QAM	1	74	16.88	16.99	16.86		
15	256QAM	36	0	17.02	17.02	16.93	18	5
15	256QAM	36	20	17.03	17.12	17.05		
15	256QAM	36	39	16.76	17.10	16.90		
15	256QAM	75	0	16.85	17.09	16.89		
Channel				42140	42500	42860	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	21.99	22.10	22.01	23	0
10	QPSK	1	25	21.82	22.03	21.87		
10	QPSK	1	49	21.83	22.03	21.85		
10	QPSK	25	0	20.89	21.07	21.07	22	1
10	QPSK	25	12	20.86	21.01	20.92		
10	QPSK	25	25	20.85	20.97	20.84		
10	QPSK	50	0	21.00	21.02	21.02		
10	16QAM	1	0	20.94	21.01	20.95	22	1
10	16QAM	1	25	20.83	21.04	20.94		
10	16QAM	1	49	20.87	21.03	20.91		
10	16QAM	25	0	19.93	20.09	20.08	21	2
10	16QAM	25	12	19.88	20.00	19.89		
10	16QAM	25	25	19.90	19.99	19.84		
10	16QAM	50	0	20.12	20.10	19.98		
10	64QAM	1	0	19.90	20.02	19.97	21	2
10	64QAM	1	25	19.81	20.01	19.97		
10	64QAM	1	49	19.75	20.08	19.89		
10	64QAM	25	0	18.90	19.01	18.93	20	3
10	64QAM	25	12	18.84	19.03	18.91		
10	64QAM	25	25	18.87	18.95	18.86		
10	64QAM	50	0	19.06	19.01	18.98		
10	256QAM	1	0	17.03	17.09	16.97	18	5
10	256QAM	1	25	16.88	17.00	16.91		
10	256QAM	1	49	16.85	16.92	16.86		
10	256QAM	25	0	17.01	17.11	16.91	18	5
10	256QAM	25	12	16.94	17.01	17.05		
10	256QAM	25	25	16.78	17.06	16.94		
10	256QAM	50	0	16.81	17.05	16.87		
Channel				42115	42500	42885	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	21.96	22.01	21.93	23	0
5	QPSK	1	12	21.92	21.99	21.94		
5	QPSK	1	24	21.84	22.03	21.96		
5	QPSK	12	0	20.94	21.06	21.00	22	1
5	QPSK	12	7	20.83	21.00	20.96		
5	QPSK	12	13	20.88	20.90	20.84		
5	QPSK	25	0	21.00	21.05	21.02		
5	16QAM	1	0	21.01	20.99	21.02	22	1
5	16QAM	1	12	20.82	21.05	20.96		
5	16QAM	1	24	20.92	21.06	20.96		
5	16QAM	12	0	20.01	20.02	20.08	21	2
5	16QAM	12	7	19.92	19.96	19.99		
5	16QAM	12	13	19.91	20.00	19.88		
5	16QAM	25	0	20.07	20.00	19.95		
5	64QAM	1	0	19.87	19.99	19.94	21	2
5	64QAM	1	12	19.73	19.93	19.93		
5	64QAM	1	24	19.83	20.01	19.84		
5	64QAM	12	0	19.00	19.01	18.93	20	3
5	64QAM	12	7	18.85	19.07	18.94		
5	64QAM	12	13	18.87	18.96	18.79		
5	64QAM	25	0	19.06	19.10	18.97		
5	256QAM	1	0	17.00	17.14	17.06	18	5
5	256QAM	1	12	16.82	17.00	16.96		
5	256QAM	1	24	16.88	16.99	16.92		
5	256QAM	12	0	16.99	17.00	16.96	18	5
5	256QAM	12	7	16.92	16.97	17.07		
5	256QAM	12	13	16.75	17.09	16.98		
5	256QAM	25	0	16.82	17.09	16.89		

Band 43 Ant 5 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44060	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.57	22.59	22.51	24	0
20	QPSK	1	49	22.52	22.57	22.44		
20	QPSK	1	99	22.43	22.55	22.37		
20	QPSK	50	0	21.58	21.60	21.50	23	1
20	QPSK	50	24	21.55	21.58	21.50		
20	QPSK	50	50	21.40	21.51	21.38		
20	QPSK	100	0	21.53	21.58	21.51		
20	16QAM	1	0	21.53	21.56	21.49		
20	16QAM	1	49	21.54	21.51	21.46	23	1
20	16QAM	1	99	21.41	21.60	21.32		
20	16QAM	50	0	20.60	20.63	20.46		
20	16QAM	50	24	20.55	20.54	20.48	22	2
20	16QAM	50	50	20.35	20.51	20.36		
20	16QAM	100	0	20.61	20.59	20.56		
20	64QAM	1	0	20.47	20.56	20.52	22	2
20	64QAM	1	49	20.58	20.56	20.49		
20	64QAM	1	99	20.45	20.65	20.34		
20	64QAM	50	0	19.61	19.58	19.44	21	3
20	64QAM	50	24	19.54	19.60	19.44		
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.63	19.60	19.53		
20	256QAM	1	0	17.47	17.64	17.51	19	5
20	256QAM	1	49	17.52	17.62	17.55		
20	256QAM	1	99	17.36	17.56	17.42		
20	256QAM	50	0	17.54	17.64	17.47	19	5
20	256QAM	50	24	17.50	17.54	17.52		
20	256QAM	50	50	17.56	17.53	17.51		
20	256QAM	100	0	17.38	17.62	17.31		
Channel				43665	44000	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	22.50	22.47	22.43	24	0
15	QPSK	1	37	22.44	22.49	22.41		
15	QPSK	1	74	22.30	22.44	22.27		
15	QPSK	36	0	21.51	21.53	21.44	23	1
15	QPSK	36	20	21.49	21.48	21.39		
15	QPSK	36	39	21.29	21.44	21.26		
15	QPSK	75	0	21.44	21.52	21.44		
15	16QAM	1	0	21.40	21.54	21.42	23	1
15	16QAM	1	37	21.47	21.39	21.43		
15	16QAM	1	74	21.35	21.55	21.19		
15	16QAM	36	0	20.51	20.59	20.43	22	2
15	16QAM	36	20	20.46	20.47	20.40		
15	16QAM	36	39	20.28	20.42	20.26		
15	16QAM	75	0	20.53	20.53	20.43		
15	64QAM	1	0	20.34	20.49	20.41	22	2
15	64QAM	1	37	20.46	20.47	20.42		
15	64QAM	1	74	20.43	20.61	20.29		
15	64QAM	36	0	19.53	19.52	19.31	21	3
15	64QAM	36	20	19.43	19.51	19.41		
15	64QAM	36	39	19.31	19.39	19.30		
15	64QAM	75	0	19.57	19.57	19.42		
15	256QAM	1	0	17.48	17.58	17.44	19	5
15	256QAM	1	37	17.44	17.51	17.44		
15	256QAM	1	74	17.29	17.50	17.39		
15	256QAM	36	0	17.42	17.61	17.42	19	5
15	256QAM	36	20	17.42	17.42	17.42		
15	256QAM	36	39	17.44	17.40	17.37		
15	256QAM	75	0	17.25	17.40	17.19		
Channel				43640	44060	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	22.48	22.48	22.39	24	0
10	QPSK	1	25	22.38	22.51	22.36		
10	QPSK	1	49	22.37	22.42	22.27		
10	QPSK	25	0	21.57	21.56	21.42	23	1
10	QPSK	25	12	21.49	21.65	21.46		
10	QPSK	25	25	21.34	21.47	21.34		
10	QPSK	50	0	21.47	21.45	21.38		
10	16QAM	1	0	21.48	21.48	21.42	23	1
10	16QAM	1	25	21.43	21.39	21.44		
10	16QAM	1	49	21.34	21.52	21.27		
10	16QAM	25	0	20.49	20.58	20.44	22	2
10	16QAM	25	12	20.48	20.42	20.41		
10	16QAM	25	25	20.30	20.37	20.26		
10	16QAM	50	0	20.52	20.48	20.47		
10	64QAM	1	0	20.34	20.50	20.47	22	2
10	64QAM	1	25	20.50	20.51	20.40		
10	64QAM	1	49	20.38	20.55	20.21		
10	64QAM	25	0	19.55	19.51	19.36	21	3
10	64QAM	25	12	19.52	19.49	19.31		
10	64QAM	25	25	19.26	19.42	19.36		
10	64QAM	50	0	19.50	19.50	19.49		
10	256QAM	1	0	17.49	17.60	17.45	19	5
10	256QAM	1	25	17.46	17.56	17.52		
10	256QAM	1	49	17.29	17.42	17.33		
10	256QAM	25	0	17.41	17.61	17.36	19	5
10	256QAM	25	12	17.41	17.44	17.45		
10	256QAM	25	25	17.45	17.45	17.46		
10	256QAM	50	0	17.26	17.59	17.22		
Channel				43615	44060	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	22.48	22.54	22.47	24	0
5	QPSK	1	12	22.43	22.48	22.35		
5	QPSK	1	24	22.32	22.46	22.27		
5	QPSK	12	0	21.48	21.53	21.39	23	1
5	QPSK	12	7	21.53	21.49	21.47		
5	QPSK	12	13	21.26	21.42	21.28		
5	QPSK	25	0	21.48	21.53	21.38		
5	16QAM	1	0	21.40	21.45	21.36	23	1
5	16QAM	1	12	21.43	21.45	21.32		
5	16QAM	1	24	21.52	21.55	21.23		
5	16QAM	12	0	20.50	20.58	20.36	22	2
5	16QAM	12	7	20.47	20.42	20.36		
5	16QAM	12	13	20.22	20.40	20.30		
5	16QAM	25	0	20.58	20.52	20.51		
5	64QAM	1	0	20.40	20.45	20.40	22	2
5	64QAM	1	12	20.42	20.49	20.33		
5	64QAM	1	24	20.42	20.58	20.26		
5	64QAM	12	0	19.50	19.49	19.40	21	3
5	64QAM	12	7	19.46	19.49	19.32		
5	64QAM	12	13	19.27	19.44	19.32		
5	64QAM	25	0	19.57	19.51	19.40		
5	256QAM	1	0	17.53	17.57	17.41	19	5
5	256QAM	1	12	17.43	17.53	17.45		
5	256QAM	1	24	17.25	17.45	17.34		
5	256QAM	12	0	17.43	17.57	17.42		
5	256QAM	12	7	17.37	17.48	17.39	19	5
5	256QAM	12	13	17.47	17.46	17.45		
5	256QAM	25	0	17.35	17.55	17.17		

Band 48 Ant 5 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.57	22.63	22.52	22.60	24	0
20	QPSK	1	49	22.52	22.59	22.47	22.49		
20	QPSK	1	99	22.44	22.57	22.48	22.55		
20	QPSK	50	0	21.51	21.63	21.51	21.54	23	1
20	QPSK	50	24	21.56	21.56	21.53	21.46		
20	QPSK	50	50	21.42	21.59	21.53	21.50		
20	QPSK	100	0	21.51	21.61	21.46	21.58		
20	16QAM	1	0	21.56	21.58	21.55	21.54	23	1
20	16QAM	1	49	21.55	21.58	21.46	21.48		
20	16QAM	1	99	21.45	21.60	21.53	21.50		
20	16QAM	50	0	20.50	20.60	20.53	20.58	22	2
20	16

Band 42 Ant 8 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	23.08	23.15	23.11	24	0
20	QPSK	1	49	23.05	23.13	23.07		
20	QPSK	1	99	22.96	23.12	23.04		
20	QPSK	50	0	22.11	22.19	22.16	23	1
20	QPSK	50	24	22.00	22.16	22.05		
20	QPSK	50	50	21.92	22.16	22.00		
20	QPSK	100	0	22.02	22.17	22.13		
20	16QAM	1	0	22.07	22.06	22.09	23	1
20	16QAM	1	49	21.99	22.17	22.11		
20	16QAM	1	99	21.91	22.06	22.07		
20	16QAM	50	0	21.13	21.14	21.15	22	2
20	16QAM	50	24	20.96	21.16	21.11		
20	16QAM	50	50	20.92	21.19	21.03		
20	16QAM	100	0	20.99	21.22	21.14		
20	64QAM	1	0	21.05	21.13	21.05	22	2
20	64QAM	1	49	21.00	21.19	21.14		
20	64QAM	1	99	20.97	21.05	21.10		
20	64QAM	50	0	20.17	20.16	20.11	21	3
20	64QAM	50	24	20.05	20.12	20.05		
20	64QAM	50	50	19.98	20.11	19.96		
20	64QAM	100	0	20.04	20.19	20.12		
20	256QAM	1	0	18.16	18.21	18.14	19	5
20	256QAM	1	49	18.00	18.18	18.07		
20	256QAM	1	99	17.88	18.11	17.99		
20	256QAM	50	0	18.00	18.13	18.08	19	5
20	256QAM	50	24	18.03	18.12	18.13		
20	256QAM	50	50	18.02	18.22	18.09		
20	256QAM	100	0	17.91	18.11	18.12		
Channel				43190	43340	43315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.99	23.12	23.03	24	0
15	QPSK	1	37	23.00	23.02	22.97		
15	QPSK	1	74	22.89	23.00	23.01		
15	QPSK	36	0	22.00	22.14	22.11	23	1
15	QPSK	36	20	21.89	22.02	22.00		
15	QPSK	36	39	21.83	22.13	21.89		
15	QPSK	75	0	21.90	22.04	22.09		
15	16QAM	1	0	22.03	22.10	21.95	23	1
15	16QAM	1	37	21.92	22.09	22.05		
15	16QAM	1	74	21.81	21.97	22.01		
15	16QAM	36	0	21.05	21.10	21.06	22	2
15	16QAM	36	20	20.93	21.10	21.08		
15	16QAM	36	39	20.83	21.15	20.97		
15	16QAM	75	0	20.87	21.15	21.09		
15	64QAM	1	0	20.98	21.03	20.97	22	2
15	64QAM	1	37	20.92	21.12	21.07		
15	64QAM	1	74	20.84	20.94	21.00		
15	64QAM	36	0	20.14	20.05	20.07	21	3
15	64QAM	36	20	20.02	20.09	19.99		
15	64QAM	36	39	19.88	20.06	19.87		
15	64QAM	75	0	19.93	20.11	20.07		
15	256QAM	1	0	18.03	18.10	18.08	19	5
15	256QAM	1	37	17.88	18.07	18.00		
15	256QAM	1	74	17.75	18.09	17.95		
15	256QAM	36	0	17.86	18.03	17.98	19	5
15	256QAM	36	20	17.99	18.06	18.00		
15	256QAM	36	39	17.94	18.14	18.07		
15	256QAM	75	0	17.86	18.05	18.01		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.97	23.09	22.98	24	0
10	QPSK	1	25	22.86	23.01	22.97		
10	QPSK	1	49	22.86	23.10	22.97		
10	QPSK	25	0	22.01	22.07	22.04	23	1
10	QPSK	25	12	21.91	22.09	22.04		
10	QPSK	25	25	21.81	22.03	21.96		
10	QPSK	50	0	21.92	22.07	22.06		
10	16QAM	1	0	22.05	22.04	22.08	23	1
10	16QAM	1	25	21.87	22.05	22.08		
10	16QAM	1	49	21.84	22.03	21.96		
10	16QAM	25	0	21.02	21.07	21.07	22	2
10	16QAM	25	12	20.90	21.07	20.98		
10	16QAM	25	25	20.82	21.08	20.91		
10	16QAM	50	0	20.92	21.13	21.09		
10	64QAM	1	0	20.97	21.03	20.98	22	2
10	64QAM	1	25	20.87	21.14	21.05		
10	64QAM	1	49	20.88	21.03	21.04		
10	64QAM	25	0	20.12	20.12	20.06	21	3
10	64QAM	25	12	20.02	20.06	19.93		
10	64QAM	25	25	19.90	20.05	19.90		
10	64QAM	50	0	19.98	20.16	20.09		
10	256QAM	1	0	18.10	18.15	18.10	19	5
10	256QAM	1	25	17.96	18.05	17.99		
10	256QAM	1	49	17.77	18.00	17.96		
10	256QAM	25	0	17.87	18.03	17.95	19	5
10	256QAM	25	12	18.01	18.02	18.01		
10	256QAM	25	25	17.90	18.14	17.96		
10	256QAM	50	0	17.99	18.07	18.00		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.99	23.05	23.04	24	0
5	QPSK	1	12	23.00	23.02	22.97		
5	QPSK	1	24	22.84	23.09	23.00		
5	QPSK	12	0	21.98	22.12	22.03	23	1
5	QPSK	12	7	21.97	22.07	22.02		
5	QPSK	12	13	21.87	22.10	21.90		
5	QPSK	25	0	22.00	22.04	22.07		
5	16QAM	1	0	21.97	22.14	22.07	23	1
5	16QAM	1	12	21.91	22.14	21.98		
5	16QAM	1	24	21.84	21.95	21.93		
5	16QAM	12	0	21.00	21.03	21.07	22	2
5	16QAM	12	7	20.85	21.06	21.00		
5	16QAM	12	13	20.85	21.05	20.92		
5	16QAM	25	0	20.90	21.20	21.05		
5	64QAM	1	0	20.98	21.06	20.91	22	2
5	64QAM	1	12	20.95	21.16	21.05		
5	64QAM	1	24	20.84	21.01	21.04		
5	64QAM	12	0	20.12	20.11	20.04	21	3
5	64QAM	12	7	19.92	19.99	19.96		
5	64QAM	12	13	19.91	20.09	19.86		
5	64QAM	25	0	19.94	20.15	20.10		
5	256QAM	1	0	18.13	18.14	18.07	19	5
5	256QAM	1	12	17.94	18.11	17.99		
5	256QAM	1	24	17.78	17.98	17.96		
5	256QAM	12	0	17.88	18.05	18.03	19	5
5	256QAM	12	7	17.93	17.98	18.09		
5	256QAM	12	13	17.91	18.17	18.02		
5	256QAM	25	0	17.90	18.08	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43290	43390		
Frequency (MHz)				3460	3560	3540		
20	QPSK	1	0	22.95	23.02	22.91	24	0
20	QPSK	1	49	22.91	22.99	22.89		
20	QPSK	1	99	22.91	22.95	22.87		
20	QPSK	50	0	21.98	22.06	21.90	23	1
20	QPSK	50	24	21.95	21.96	21.92		
20	QPSK	50	50	21.85	21.92	21.90		
20	QPSK	100	0	21.98	22.05	21.93		
20	16QAM	1	0	21.95	22.01	21.92	23	1
20	16QAM	1	49	21.93	21.94	21.91		
20	16QAM	1	99	21.92	21.96	21.86		
20	16QAM	50	0	20.95	21.04	20.90	22	2
20	16QAM	50	24	20.92	20.98	20.89		
20	16QAM	50	50	20.79	20.88	20.90		
20	16QAM	100	0	20.96	21.06	20.95		
20	64QAM	1	0	20.96	21.01	20.92	22	2
20	64QAM	1	49	20.88	20.97	20.94		
20	64QAM	1	99	20.93	20.97	20.90		
20	64QAM	50	0	19.95	20.07	19.95	21	3
20	64QAM	50	24	19.99	19.98	19.93		
20	64QAM	50	50	19.92	19.98	19.95		
20	64QAM	100	0	20.04	20.09	19.97		
20	256QAM	1	0	18.00	18.01	17.88	19	5
20	256QAM	1	49	17.93	18.01	17.90		
20	256QAM	1	99	17.83	17.88	17.84		
20	256QAM	50	0	17.98	18.03	17.90	19	5
20	256QAM	50	24	17.96	18.00	17.89		
20	256QAM	50	50	17.90	17.97	17.87		
20	256QAM	100	0	17.93	17.93	17.81		
Channel				42965	43290	43615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3560	3542.5		
15	QPSK	1	0	22.93	22.99	22.86	24	0
15	QPSK	1	37	22.87	22.94	22.87		
15	QPSK	1	74	22.87	22.92	22.81		
15	QPSK	36	0	21.91	22.02	21.83	23	1
15	QPSK	36	20	21.84	21.88	21.84		
15	QPSK	36	39	21.77	21.81	21.81		
15	QPSK	75	0	21.90	21.96	21.86		
15	16QAM	1	0	21.88	21.92	21.88	23	1
15	16QAM	1	37	21.88	21.91	21.78		
15	16QAM	1	74	21.84	21.84	21.82		
15	16QAM	36	0	20.91	20.91	20.81	22	2
15	16QAM	36	20	20.84	20.93	20.78		
15	16QAM	36	39	20.71	20.83	20.83		
15	16QAM	75	0	20.83	20.90	20.88		
15	64QAM	1	0	20.90	20.88	20.86	22	2
15	64QAM	1	37	20.86	20.92	20.89		
15	64QAM	1	74	20.80	20.88	20.82		
15	64QAM	36	0	19.90	19.98	19.84	21	3
15	64QAM	36	20	19.86	19.86	19.79		
15	64QAM	36	39	19.77	19.91	19.85		
15	64QAM	75	0	19.96	20.04	19.94		
15	256QAM	1	0	17.86	17.92	17.76	19	5
15	256QAM	1	37	17.80	17.90	17.84		
15	256QAM	1	74	17.78	17.81	17.79		
15	256QAM	36	0	17.88	17.91	17.82	19	5
15	256QAM	36	20	17.88	17.87	17.88		
15	256QAM	36	39	17.80	17.91	17.84		
15	256QAM	75	0	17.82	17.81	17.73		
Channel				42740	43140	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3560	3545		
10	QPSK	1	0	22.92	22.94	22.78	24	0
10	QPSK	1	25	22.83	22.92	22.78		
10	QPSK	1	49	22.89	22.82	22.74		
10	QPSK	25	0	21.92	21.94	21.79	23	1
10	QPSK	25	12	21.82	21.96	21.78		
10	QPSK	25	25	21.81	21.89	21.78		
10	QPSK	50	0	21.89	22.01	21.88		
10	16QAM	1	0	22.05	21.90	21.90	23	1
10	16QAM	1	25	21.87	21.90	21.89		
10	16QAM	1	49	21.79	21.85	21.80		
10	16QAM	25	0	20.89	21.01	20.82	22	2
10	16QAM	25	12	20.85	20.90	20.87		
10	16QAM	25	25	20.73	20.80	20.78		
10	16QAM	50	0	20.87	20.98	20.89		
10	64QAM	1	0	20.87	20.95	20.79	22	2
10	64QAM	1	25	20.79	20.85	20.87		
10	64QAM	1	49	20.79	20.91	20.88		
10	64QAM	25	0	19.82	20.05	19.83	21	3
10	64QAM	25	12	19.86	19.87	19.80		
10	64QAM	25	25	19.79	19.94	19.89		
10	64QAM	50	0	19.92	19.99	19.86		
10	256QAM	1	0	17.92	17.89	17.79	19	5
10	256QAM	1	25	17.82	17.88	17.90		
10	256QAM	1	49	17.78	17.77	17.75		
10	256QAM	25	0	17.93	17.90	17.84	19	5
10	256QAM	25	12	17.91	17.87	17.86		
10	256QAM	25	25	17.78	17.85	17.79		
10	256QAM	50	0	17.82	17.89	17.75		
Channel				42715	43190	43365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3560	3547.5		
5	QPSK	1	0	22.90	22.94	22.82	24	0
5	QPSK	1	12	22.89	22.86	22.81		
5	QPSK	1	24	22.79	22.83	22.84		
5	QPSK	12	0	21.90	21.98	21.81	23	1
5	QPSK	12	7	21.87	21.82	21.81		
5	QPSK	12	13	21.75	21.86	21.76		
5	QPSK	25	0	21.96	21.93	21.85		
5	16QAM	1	0	21.87	21.93	21.82	23	1
5	16QAM	1	12	21.91	21.87	21.78		
5	16QAM	1	24	21.79	21.77	21.77		
5	16QAM	12	0	20.87	20.94	20.78	22	2
5	16QAM	12	7	20.80	20.91	20.81		
5	16QAM	12	13	20.85	20.85	20.81		
5	16QAM	25	0	20.88	21.05	20.84		
5	64QAM	1	0	20.82	20.89	20.90	22	2
5	64QAM	1	12	20.78	20.80	20.81		
5	64QAM	1	24	20.81	20.86	20.86		
5	64QAM	12	0	19.81	19.95	19.84	21	3
5	64QAM	12	7	19.83	19.92	19.87		
5	64QAM	12	13	19.89	19.89	19.88		
5	64QAM	25	0	19.92	19.99	19.89		
5	256QAM	1	0	17.98	17.90	17.74	19	5
5	256QAM	1	12	17.87	17.98	17.92		
5	256QAM	1	24	17.79	17.75	17.77		
5	256QAM	12	0	17.90	18.01	17.81	19	5
5	256QAM	12	7	17.82	17.98	17.84		
5	256QAM	12	13	17.84	17.94	17.83		
5	256QAM	25	0	17.80	17.94	17.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44090	44690		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.59	23.63	23.57	24	0
20	QPSK	1	49	23.46	23.60	23.46		
20	QPSK	1	99	23.51	23.59	23.45		
20	QPSK	50	0	22.55	22.68	22.63	23	1
20	QPSK	50	24	22.47	22.65	22.44		
20	QPSK	50	50	22.55	22.53	22.50		
20	QPSK	100	0	22.61	22.64	22.56		
20	16QAM	1	0	22.65	22.61	22.59	23	1
20	16QAM	1	49	22.43	22.62	22.44		
20	16QAM	1	99	22.49	22.60	22.46		
20	16QAM	50	0	21.52	21.65	21.59	22	2
20	16QAM	50	24	21.46	21.62	21.49		
20	16QAM	50	50	21.61	21.56	21.53		
20	16QAM	100	0	21.67	21.62	21.61		
20	64QAM	1	0	21.70	21.59	21.64	22	2
20	64QAM	1	49	21.44	21.57	21.47		
20	64QAM	1	99	21.53	21.55	21.51		
20	64QAM	50	0	20.51	20.72	20.61	21	3
20	64QAM	50	24	20.50	20.65	20.42		
20	64QAM	50	50	20.56	20.53	20.48		
20	64QAM	100	0	20.56	20.61	20.57		
20	256QAM	1	0	18.57	18.72	18.67	19	5
20	256QAM	1	49	18.52	18.60	18.40		
20	256QAM	1	99	18.57	18.58	18.53		
20	256QAM	50	0	18.62	18.70	18.56	19	5
20	256QAM	50	24	18.65	18.66	18.54		
20	256QAM	50	50	18.45	18.62	18.39		
20	256QAM	100	0	18.48	18.55	18.50		
Channel				43465	44090	44715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	23.56	23.52	23.51	24	0
15	QPSK	1	37	23.39	23.57	23.33		
15	QPSK	1	74	23.41	23.47	23.38		
15	QPSK	36	0	22.46	22.61	22.53	23	1
15	QPSK	36	20	22.38	22.56	22.41		
15	QPSK	36	39	22.43	22.46	22.37		
15	QPSK	75	0	22.52	22.52	22.54		
15	16QAM	1	0	22.53	22.59	22.46	23	1
15	16QAM	1	37	22.35	22.59	22.31		
15	16QAM	1	74	22.45	22.50	22.41		
15	16QAM	36	0	21.47	21.55	21.63	22	2
15	16QAM	36	20	21.36	21.56	21.46		
15	16QAM	36	39	21.56	21.52	21.48		
15	16QAM	75	0	21.61	21.55	21.48		
15	64QAM	1	0	21.61	21.48	21.51	22	2
15	64QAM	1	37	21.34	21.46	21.43		
15	64QAM	1	74	21.39	21.46	21.44		
15	64QAM	36	0	20.41	20.65	20.55	21	3
15	64QAM	36	20	20.45	20.57	20.30		
15	64QAM	36	39	20.44	20.47	20.42		
15	64QAM	75	0	20.49	20.50	20.53		
15	256QAM	1	0	18.48	18.68	18.60	19	5
15	256QAM	1	37	18.39	18.52	18.27		
15	256QAM	1	74	18.54	18.54	18.39		
15	256QAM	36	0	18.48	18.66	18.51	19	5
15	256QAM	36	20	18.55	18.62	18.46		
15	256QAM	36	39	18.39	18.52	18.31		
15	256QAM	75	0	18.42	18.48	18.37		
Channel				43440	44090	44740	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.56	23.59	23.52	24	0
10	QPSK	1	25	23.42	23.54	23.41		
10	QPSK	1	49	23.40	23.53	23.34		
10	QPSK	25	0	22.52	22.63	22.53	23	1
10	QPSK	25	12	22.42	22.62	22.40		
10	QPSK	25	25	22.45	22.46	22.48		
10	QPSK	50	0	22.48	22.54	22.46		
10	16QAM	1	0	22.60	22.55	22.48	23	1
10	16QAM	1	25	22.37	22.51	22.38		
10	16QAM	1	49	22.38	22.51	22.34		
10	16QAM	25	0	21.45	21.52	21.59	22	2
10	16QAM	25	12	21.44	21.48	21.37		
10	16QAM	25	25	21.50	21.51	21.43		
10	16QAM	50	0	21.58	21.65	21.59		
10	64QAM	1	0	21.63	21.50	21.50	22	2
10	64QAM	1	25	21.31	21.51	21.37		
10	64QAM	1	49	21.51	21.52	21.48		
10	64QAM	25	0	20.45	20.60	20.57	21	3
10	64QAM	25	12	20.43	20.55	20.39		
10	64QAM	25	25	20.51	20.47	20.41		
10	64QAM	50	0	20.49	20.57	20.50		
10	256QAM	1	0	18.47	18.68	18.59	19	5
10	256QAM	1	25	18.45	18.46	18.29		
10	256QAM	1	49	18.53	18.55	18.49		
10	256QAM	25	0	18.54	18.65	18.46	19	5
10	256QAM	25	12	18.53	18.54	18.43		
10	256QAM	25	25	18.39	18.50	18.26		
10	256QAM	50	0	18.51	18.57	18.40		
Channel				43415	44090	44765	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.50	23.55	23.45	24	0
5	QPSK	1	12	23.33	23.55	23.41		
5	QPSK	1	24	23.42	23.55	23.35		
5	QPSK	12	0	22.51	22.63	22.50	23	1
5	QPSK	12	7	22.35	22.59	22.38		
5	QPSK	12	13	22.42	22.45	22.44		
5	QPSK	25	0	22.53	22.54	22.46		
5	16QAM	1	0	22.58	22.58	22.51	23	1
5	16QAM	1	12	22.33	22.51	22.34		
5	16QAM	1	24	22.39	22.43	22.34		
5	16QAM	12	0	21.49	21.60	21.58	22	2
5	16QAM	12	7	21.40	21.56	21.36		
5	16QAM	12	13	21.50	21.52	21.51		
5	16QAM	25	0	21.62	21.51	21.52		
5	64QAM	1	0	21.57	21.55	21.58	22	2
5	64QAM	1	12	21.38	21.48	21.43		
5	64QAM	1	24	21.39	21.48	21.43		
5	64QAM	12	0	20.40	20.64	20.58	21	3
5	64QAM	12	7	20.38	20.57	20.52		
5	64QAM	12	13	20.47	20.47	20.44		
5	64QAM	25	0	20.50	20.56	20.45		
5	256QAM	1	0	18.54	18.67	18.57	19	5
5	256QAM	1	12	18.49	18.49	18.37		
5	256QAM	1	24	18.43	18.46	18.46		
5	256QAM	12	0	18.53	18.62	18.54	19	5
5	256QAM	12	7	18.53	18.60	18.42		
5	256QAM	12	13	18.41	18.49	18.36		
5	256QAM	25	0	18.45	18.43	18.40		

Band 48 Ant 8 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.59	23.66	23.54	23.58	24	0
20	QPSK	1	49	23.49	23.64	23.51	23.55		
20	QPSK	1	99	23.45	23.62	23.46	23.51		
20	QPSK	50	0	22.62	22.70	22.56	22.53	23	1
20	QPSK	50	24	22.50	22.62	22.54	22.52		
20	QPSK	50	50	22.41	22.58	22.51	22.57		
20	QPSK	100	0	22.63	22.69	22.56	22.52		
20	16QAM	1	0	22.64	22.67	22.56	22.55	23	1
20	16QAM	1	49	22.50	22.60	22.49	22.49		
20	16QAM	1	99	22.40	22.57	22.50	22.45		
20	16QAM	50	0	21.61	21.70	21.62	21.57	22	2
20	16

Reduced Power Mode for DSI 2

GSM850 Ant0 DSI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 DSI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.65	16.61	17.50

Band		WCDMA II Ant0 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI2			Tune-up Limit (dBm)	WCDMA V Ant0 DSI2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.78	22.62	24.00	22.99	23.08	22.92	24.00	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.81	22.71	24.00	23.08	23.12	23.05	24.00	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	21.81	21.82	21.75	23.00	22.02	22.12	22.09	23.00	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.84	21.76	23.00	22.10	22.15	22.03	23.00	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.37	21.17	22.50	21.58	21.58	21.60	22.50	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.35	21.16	22.50	21.57	21.65	21.51	22.50	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.85	21.75	23.00	22.13	22.16	22.07	23.00	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.82	21.77	21.72	23.00	22.11	22.06	22.05	23.00	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.33	21.26	22.50	21.57	21.56	21.57	22.50	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.27	21.32	21.24	22.50	21.54	21.56	21.52	22.50	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	21.81	21.80	21.67	23.00	22.09	22.07	22.05	23.00	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.75	19.67	21.00	20.13	20.09	20.06	21.00	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	20.85	20.81	20.73	22.00	21.08	21.15	21.04	22.00	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	19.85	19.82	19.76	21.00	20.10	20.16	20.09	21.00	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	21.84	21.85	21.76	23.00	22.13	22.08	22.00	23.00	22.22	22.30	22.24	23.00

Band 2 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.05	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	21.00	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.03	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.04	17.01	18	5
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.76		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.96	17.02	17.00	18	5
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.89	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03	18	5
5	256QAM	12	7	17.09	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 4 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.14	22.25	22.20	24	0
20	QPSK	1	49	22.05	22.20	22.10		
20	QPSK	1	99	22.10	22.15	22.17		
20	QPSK	50	0	21.15	21.25	21.22	23	1
20	QPSK	50	24	21.09	21.17	21.11		
20	QPSK	50	50	21.14	21.15	21.16		
20	QPSK	100	0	21.15	21.24	21.23		
20	16QAM	1	0	21.09	21.23	21.16	23	1
20	16QAM	1	49	21.03	21.24	21.13		
20	16QAM	1	99	21.13	21.20	21.11		
20	16QAM	50	0	20.12	20.26	20.21	22	2
20	16QAM	50	24	20.03	20.18	20.12		
20	16QAM	50	50	20.18	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10	22	2
20	64QAM	1	49	20.01	20.19	20.09		
20	64QAM	1	99	20.14	20.19	20.07		
20	64QAM	50	0	19.09	19.21	19.20	21	3
20	64QAM	50	24	19.04	19.21	19.07		
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17	19	5
20	256QAM	1	49	17.10	17.17	17.12		
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.34	17.29	19	5
20	256QAM	50	24	17.04	17.26	17.22		
20	256QAM	50	50	17.00	17.25	17.11		
20	256QAM	100	0	17.14	17.26	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.20	22.22	24	0
15	QPSK	1	37	22.12	22.20	22.13		
15	QPSK	1	74	22.11	22.19	22.10		
15	QPSK	36	0	21.26	21.29	21.16	23	1
15	QPSK	36	20	21.11	21.26	21.13		
15	QPSK	36	39	21.09	21.26	21.12		
15	QPSK	75	0	21.24	21.29	21.14		
15	16QAM	1	0	21.20	21.21	21.26	23	1
15	16QAM	1	37	21.11	21.20	21.05		
15	16QAM	1	74	21.07	21.13	21.11		
15	16QAM	36	0	20.22	20.28	20.17	22	2
15	16QAM	36	20	20.17	20.25	20.09		
15	16QAM	36	39	20.06	20.17	20.14		
15	16QAM	75	0	20.20	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27	22	2
15	64QAM	1	37	20.05	20.23	20.10		
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16	21	3
15	64QAM	36	20	19.19	19.26	19.21		
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17	19	5
15	256QAM	1	37	17.13	17.25	17.14		
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17	19	5
15	256QAM	36	20	17.12	17.21	17.27		
15	256QAM	36	39	17.13	17.21	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.19	22.23	22.22	24	0
10	QPSK	1	25	22.11	22.22	22.10		
10	QPSK	1	49	22.12	22.22	22.13		
10	QPSK	25	0	21.22	21.28	21.19	23	1
10	QPSK	25	12	21.10	21.21	21.15		
10	QPSK	25	25	21.09	21.21	21.15		
10	QPSK	50	0	21.25	21.26	21.19		
10	16QAM	1	0	21.21	21.22	21.24	23	1
10	16QAM	1	25	21.07	21.19	21.07		
10	16QAM	1	49	21.06	21.18	21.13		
10	16QAM	25	0	20.24	20.30	20.18	22	2
10	16QAM	25	12	20.16	20.23	20.14		
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.32	20.19		
10	64QAM	1	0	20.15	20.23	20.27	22	2
10	64QAM	1	25	20.08	20.19	20.10		
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15	21	3
10	64QAM	25	12	19.21	19.24	19.20		
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10		
10	256QAM	1	0	17.28	17.30	17.21	19	5
10	256QAM	1	25	17.15	17.25	17.14		
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.20	17.30	17.19	19	5
10	256QAM	25	12	17.11	17.24	17.29		
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.17	22.20	22.22	24	0
5	QPSK	1	12	22.11	22.21	22.15		
5	QPSK	1	24	22.14	22.20	22.14		
5	QPSK	12	0	21.21	21.27	21.15	23	1
5	QPSK	12	7	21.13	21.23	21.13		
5	QPSK	12	13	21.10	21.23	21.13		
5	QPSK	25	0	21.27	21.26	21.16		
5	16QAM	1	0	21.18	21.24	21.27	23	1
5	16QAM	1	12	21.10	21.20	21.05		
5	16QAM	1	24	21.10	21.16	21.09		
5	16QAM	12	0	20.24	20.31	20.17	22	2
5	16QAM	12	7	20.17	20.23	20.14		
5	16QAM	12	13	20.06	20.18	20.16		
5	16QAM	25	0	20.16	20.28	20.21		
5	64QAM	1	0	20.09	20.19	20.28	22	2
5	64QAM	1	12	20.10	20.22	20.14		
5	64QAM	1	24	20.11	20.19	20.12		
5	64QAM	12	0	19.21	19.23	19.18	21	3
5	64QAM	12	7	19.15	19.22	19.21		
5	64QAM	12	13	19.11	19.22	19.14		
5	64QAM	25	0	19.30	19.31	19.12		
5	256QAM	1	0	17.25	17.30	17.20	19	5
5	256QAM	1	12	17.10	17.28	17.18		
5	256QAM	1	24	17.05	17.24	17.16		
5	256QAM	12	0	17.22	17.33	17.21	19	5
5	256QAM	12	7	17.15	17.29	17.19		
5	256QAM	12	13	17.16	17.20	17.14		
5	256QAM	25	0	17.04	17.10	17.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.20	24	0
3	QPSK	1	8	22.12	22.24	22.12		
3	QPSK	1	14	22.11	22.20	22.15		
3	QPSK	8	0	21.25	21.32	21.18	23	1
3	QPSK	8	4	21.12	21.24	21.11		
3	QPSK	8	7	21.09	21.20	21.16		
3	QPSK	15	0	21.26	21.28	21.16		
3	16QAM	1	0	21.17	21.21	21.22	23	1
3	16QAM	1	8	21.12	21.20	21.08		
3	16QAM	1	14	21.05	21.15	21.10		
3	16QAM	8	0	20.23	20.30	20.15	22	2
3	16QAM	8	4	20.17	20.21	20.15		
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27	22	2
3	64QAM	1	8	20.08	20.19	20.15		
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19	21	3
3	64QAM	8	4	19.16	19.22	19.20		
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07		
3	256QAM	1	0	17.24	17.27	17.18	19	5
3	256QAM	1	8	17.15	17.28	17.13		
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21	19	5
3	256QAM	8	4	17.16	17.22	17.29		
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.19	22.16	24	0
1.4	QPSK	1	3	22.00	22.15	22.10		
1.4	QPSK	1	5	22.05	22.15	22.18		
1.4	QPSK	3	0	22.01	22.08	22.15		
1.4	QPSK	3	1	22.01	22.09	22.03		
1.4	QPSK	3	3	22.05	22.05	22.06		
1.4	QPSK	6	0	21.08	21.26	21.26	23	1
1.4	16QAM	1	0	21.09	21.25	21.18	23	1
1.4	16QAM	1	3	21.05	21.22	21.12		
1.4	16QAM	1	5	21.08	21.18	21.05		
1.4	16QAM	3	0	21.10	21.20	21.18		
1.4	16QAM	3	1	21.02	21.17	21.08		
1.4	16QAM	3	3	21.05	21.15	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	22	2
1.4	64QAM	1	0	20.09	20.18	20.11	22	2
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07		
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.06	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	21	3
1.4	256QAM	1	0	17.04	17.27	17.11	19	5
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16		
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.26	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2
10	16QAM	25	12	20.78	20.75	20.58		
10	16QAM	25	25	20.69	20.63	20.54		
10	16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.94		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.90	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.86		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.86	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				23017	23025	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.96		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.63		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.70	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08	23	0
20	QPSK	1	49	22.00	22.05	21.97		
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17	22	1
20	QPSK	50	24	20.96	21.16	20.91		
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.05		
20	16QAM	1	0	21.16	21.18	21.03	22	1
20	16QAM	1	49	21.03	21.17	20.93		
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01	21	2
20	16QAM	50	24	19.92	20.20	19.87		
20	16QAM	50	50	19.84	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17	21	2
20	64QAM	1	49	20.05	20.05	19.97		
20	64QAM	1	99	19.93	20.15	20.01		
20	64QAM	50	0	19.14	19.16	19.01	20	3
20	64QAM	50	24	18.96	19.24	18.92		
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04	18	5
20	256QAM	1	49	17.01	17.07	16.88		
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14	18	5
20	256QAM	50	24	17.20	17.16	17.14		
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98	23	0
15	QPSK	1	37	21.97	22.00	21.91		
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05	22	1
15	QPSK	36	20	20.89	21.12	20.84		
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00	22	1
15	16QAM	1	37	20.91	21.15	20.89		
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96	21	2
15	16QAM	36	20	19.87	20.11	19.76		
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05	21	2
15	64QAM	1	37	19.91	19.95	19.95		
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88	20	3
15	64QAM	36	20	18.86	19.17	18.78		
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94	18	5
15	256QAM	1	37	16.92	16.96	16.83		
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08	18	5
15	256QAM	36	20	17.14	17.10	17.11		
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06	23	0
10	QPSK	1	25	21.93	21.96	21.84		
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11	22	1
10	QPSK	25	12	20.89	21.08	20.77		
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94	22	1
10	16QAM	1	25	20.93	21.09	20.80		
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98	21	2
10	16QAM	25	12	19.87	20.13	19.84		
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13	21	2
10	64QAM	1	25	19.94	19.99	19.92		
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90	20	3
10	64QAM	25	12	18.82	19.19	18.82		
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99	18	5
10	256QAM	1	25	16.87	17.05	16.77		
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07	18	5
10	256QAM	25	12	17.12	17.09	17.02		
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26055	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06	23	0
5	QPSK	1	12	21.88	22.01	21.93		
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09	22	1
5	QPSK	12	7	20.87	21.08	20.84		
5	QPSK	12	13	20.82	20.98	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95	22	1
5	16QAM	1	12	20.99	21.11	20.90		
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96	21	2
5	16QAM	12	7	19.79	20.09	19.82		
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05	21	2
5	64QAM	1	12	19.91	20.03	19.85		
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97	20	3
5	64QAM	12	7	18.91	19.11	18.79		
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01	18	5
5	256QAM	1	12	16.95	17.02	16.80		
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05	18	5
5	256QAM	12	7	17.15	17.11	17.03		
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98	23	0
3	QPSK	1	8	21.90	21.99	21.93		
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04	22	1
3	QPSK	8	4	20.85	21.05	20.79		
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00	22	1
3	16QAM	1	8	20.97	21.10	20.82		
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91	21	2
3	16QAM	8	4	19.86	20.06	19.81		
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08	21	2
3	64QAM	1	8	19.93	19.98	19.91		
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.98	20	3
3	64QAM	8	4	18.91	19.17	18.79		
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94	18	5
3	256QAM	1	8	16.92	16.94	16.83		
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04	18	5
3	256QAM	8	4	17.18	17.05	17.04		
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04	23	0
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89		
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90	22	1
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91		
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13	21	2
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95		
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90	18	5
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85		
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73	24	0
15	QPSK	1	37	22.64	22.83	22.70		
15	QPSK	1	74	22.66	22.82	22.59		
15	QPSK	36	0	21.81	21.87	21.73	23	1
15	QPSK	36	20	21.68	21.80	21.65		
15	QPSK	36	39	21.62	21.79	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77	23	1
15	16QAM	1	37	21.64	21.88	21.65		
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74	22	2
15	16QAM	36	20	20.63	20.93	20.61		
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78	22	2
15	64QAM	1	37	20.67	20.82	20.70		
15	64QAM	1	74	20.71	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71	21	3
15	64QAM	36	20	19.69	19.87	19.68		
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69	19	5
15	256QAM	1	37	17.67	17.92	17.69		
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.71	17.89	17.79	19	5
15	256QAM	36	20	17.75	17.79	17.76		
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64	24	0
10	QPSK	1	25	22.55	22.70	22.61		
10	QPSK	1	49	22.58	22.70	22.52		
10	QPSK	25	0	21.72	21.77	21.62	23	1
10	QPSK	25	12	21.57	21.74	21.56		
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.60	21.74	21.53		
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65	22	2
10	16QAM	25	12	20.57	20.81	20.49		
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75	22	2
10	64QAM	1	25	20.62	20.70	20.60		
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66	21	3
10	64QAM	25	12	19.54	19.77	19.54		
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61	19	5
10	256QAM	1	25	17.57	17.82	17.61		
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66	19	5
10	256QAM	25	12	17.68	17.65	17.68		
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65	24	0
5	QPSK	1	12	22.53	22.70	22.61		
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58	23	1
5	QPSK	12	7	21.54	21.77	21.56		
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66	23	1
5	16QAM	1	12	21.59	21.81	21.60		
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67	22	2
5	16QAM	12	7	20.59	20.83	20.57		
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70	22	2
5	64QAM	1	12	20.53	20.72	20.61		
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58	21	3
5	64QAM	12	7	19.57	19.82	19.54		
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54	19	5
5	256QAM	1	12	17.55	17.81	17.65		
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68	19	5
5	256QAM	12	7	17.62	17.79	17.72		
5	256QAM	12	13	17.63	17.79	17.45		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63	24	0
3	QPSK	1	8	22.56	22.80	22.59		
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69	23	1
3	QPSK	8	4	21.61	21.77	21.54		
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67	23	1
3	16QAM	1	8	21.55	21.85	21.53		
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.67	22	2
3	16QAM	8	4	20.51	20.88	20.53		
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72	22	2
3	64QAM	1	8	20.63	20.70	20.60		
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58	21	3
3	64QAM	8	4	19.56	19.74	19.61		
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64	19	5
3	256QAM	1	8	17.56	17.88	17.60		
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71	19	5
3	256QAM	8	4	17.65	17.72	17.72		
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68	24	0
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49		
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.46	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65	23	1
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56		
1.4	16QAM	3	0	21.54	21.64	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66	22	2
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55		
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.59	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56	19	5
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48		
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.28	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.16	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131997	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.62	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.66	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.53	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54	22	2
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.69	22.76	22.73	24	0
20	QPSK	1	49	22.62	22.72	22.60		
20	QPSK	1	99	22.65	22.70	22.63		
20	QPSK	50	0	21.72	21.81	21.78	23	1
20	QPSK	50	24	21.67	21.71	21.58		
20	QPSK	50	50	21.69	21.75	21.65		
20	QPSK	100	0	21.68	21.79	21.72		
20	16QAM	1	0	21.63	21.76	21.68	23	1
20	16QAM	1	49	21.63	21.72	21.56		
20	16QAM	1	99	21.62	21.65	21.57		
20	16QAM	50	0	20.73	20.78	20.80	22	2
20	16QAM	50	24	20.70	20.74	20.63		
20	16QAM	50	50	20.63	20.70	20.65		
20	16QAM	100	0	20.62	20.81	20.77		
20	64QAM	1	0	20.58	20.79	20.67	22	2
20	64QAM	1	49	20.60	20.77	20.59		
20	64QAM	1	99	20.62	20.67	20.58		
20	64QAM	50	0	19.73	19.81	19.78	21	3
20	64QAM	50	24	19.72	19.70	19.59		
20	64QAM	50	50	19.64	19.79	19.68		
20	64QAM	100	0	19.72	19.75	19.84		
20	256QAM	1	0	17.75	17.81	17.75	19	5
20	256QAM	1	49	17.65	17.72	17.62		
20	256QAM	1	99	17.65	17.72	17.63		
20	256QAM	50	0	17.66	17.84	17.74	19	5
20	256QAM	50	24	17.63	17.79	17.66		
20	256QAM	50	50	17.64	17.72	17.56		
20	256QAM	100	0	17.63	17.68	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.63	22.67	22.60	24	0
15	QPSK	1	37	22.58	22.64	22.56		
15	QPSK	1	74	22.62	22.68	22.51		
15	QPSK	36	0	21.60	21.74	21.67	23	1
15	QPSK	36	20	21.59	21.60	21.48		
15	QPSK	36	39	21.59	21.63	21.56		
15	QPSK	75	0	21.54	21.75	21.71		
15	16QAM	1	0	21.54	21.64	21.64	23	1
15	16QAM	1	37	21.59	21.61	21.46		
15	16QAM	1	74	21.50	21.63	21.49		
15	16QAM	36	0	20.68	20.72	20.73	22	2
15	16QAM	36	20	20.60	20.65	20.52		
15	16QAM	36	39	20.52	20.57	20.61		
15	16QAM	75	0	20.54	20.72	20.71		
15	64QAM	1	0	20.61	20.66	20.61	22	2
15	64QAM	1	37	20.57	20.63	20.52		
15	64QAM	1	74	20.57	20.63	20.47		
15	64QAM	36	0	19.70	19.79	19.68	21	3
15	64QAM	36	20	19.62	19.58	19.46		
15	64QAM	36	39	19.56	19.71	19.58		
15	64QAM	75	0	19.69	19.64	19.71		
15	256QAM	1	0	17.68	17.72	17.62	19	5
15	256QAM	1	37	17.62	17.63	17.51		
15	256QAM	1	74	17.52	17.62	17.57		
15	256QAM	36	0	17.54	17.73	17.66	19	5
15	256QAM	36	20	17.49	17.70	17.56		
15	256QAM	36	39	17.52	17.60	17.54		
15	256QAM	75	0	17.55	17.56	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.58	22.73	22.69	24	0
10	QPSK	1	25	22.50	22.62	22.57		
10	QPSK	1	49	22.51	22.62	22.55		
10	QPSK	25	0	21.64	21.71	21.69	23	1
10	QPSK	25	12	21.53	21.58	21.55		
10	QPSK	25	25	21.57	21.62	21.59		
10	QPSK	50	0	21.55	21.75	21.69		
10	16QAM	1	0	21.51	21.74	21.58	23	1
10	16QAM	1	25	21.49	21.65	21.46		
10	16QAM	1	49	21.55	21.66	21.53		
10	16QAM	25	0	20.66	20.72	20.68	22	2
10	16QAM	25	12	20.68	20.65	20.59		
10	16QAM	25	25	20.56	20.67	20.55		
10	16QAM	50	0	20.53	20.71	20.73		
10	64QAM	1	0	20.48	20.70	20.56	22	2
10	64QAM	1	25	20.55	20.63	20.46		
10	64QAM	1	49	20.54	20.64	20.47		
10	64QAM	25	0	19.71	19.68	19.75	21	3
10	64QAM	25	12	19.67	19.67	19.49		
10	64QAM	25	25	19.52	19.71	19.57		
10	64QAM	50	0	19.67	19.66	19.75		
10	256QAM	1	0	17.65	17.71	17.70	19	5
10	256QAM	1	25	17.58	17.63	17.49		
10	256QAM	1	49	17.59	17.60	17.50		
10	256QAM	25	0	17.56	17.76	17.64	19	5
10	256QAM	25	12	17.53	17.76	17.62		
10	256QAM	25	25	17.57	17.65	17.47		
10	256QAM	50	0	17.58	17.59	17.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.69	22.67	24	0
5	QPSK	1	12	22.57	22.60	22.55		
5	QPSK	1	24	22.58	22.57	22.54		
5	QPSK	12	0	21.66	21.79	21.72	23	1
5	QPSK	12	7	21.62	21.69	21.50		
5	QPSK	12	13	21.60	21.63	21.62		
5	QPSK	25	0	21.65	21.75	21.68		
5	16QAM	1	0	21.55	21.69	21.59	23	1
5	16QAM	1	12	21.59	21.63	21.45		
5	16QAM	1	24	21.51	21.51	21.53		
5	16QAM	12	0	20.70	20.73	20.66	22	2
5	16QAM	12	7	20.59	20.61	20.57		
5	16QAM	12	13	20.58	20.57	20.54		
5	16QAM	25	0	20.59	20.72	20.65		
5	64QAM	1	0	20.49	20.69	20.60	22	2
5	64QAM	1	12	20.55	20.63	20.53		
5	64QAM	1	24	20.57	20.56	20.46		
5	64QAM	12	0	19.70	19.68	19.65	21	3
5	64QAM	12	7	19.69	19.61	19.49		
5	64QAM	12	13	19.60	19.62	19.62		
5	64QAM	25	0	19.62	19.70	19.78		
5	256QAM	1	0	17.68	17.68	17.66	19	5
5	256QAM	1	12	17.54	17.59	17.53		
5	256QAM	1	24	17.55	17.64	17.53		
5	256QAM	12	0	17.58	17.72	17.61	19	5
5	256QAM	12	7	17.50	17.70	17.53		
5	256QAM	12	13	17.53	17.70	17.52		
5	256QAM	25	0	17.51	17.58	17.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.38	23.45	23.37	23.41	24	0
20	QPSK	1	49	23.32	23.31	23.43	23.31	23.32		
20	QPSK	1	99	23.29	23.35	23.41	23.24	23.33		
20	QPSK	50	0	22.36	22.36	22.50	22.31	22.45	23	1
20	QPSK	50	24	22.34	22.32	22.44	22.26	22.37		
20	QPSK	50	50	22.25	22.33	22.39	22.20	22.36		
20	QPSK	100	0	22.38	22.36	22.47	22.37	22.37		
20	16QAM	1	0	22.38	22.33	22.45	22.31	22.46	23	1
20	16QAM	1	49	22.32	22.35	22.38	22.35	22.32		
20	16QAM	1	99	22.27	22.41	22.39	22.30	22.34		
20	16QAM	50	0	21.36	21.36	21.44	21.32	21.46	22	2
20	16QAM	50	24	21.39	21.34	21.39	21.25	21.40		
20	16QAM	50	50	21.26	21.32	21.38	21.24	21.31		
20	16QAM	100	0	21.38	21.39	21.52	21.33	21.38		
20	64QAM	1	0	21.41	21.32	21.46	21.26	21.42	22	2
20	64QAM	1	49	21.28	21.39	21.41	21.38	21.38		
20	64QAM	1	99	21.33	21.39	21.36	21.32	21.35		
20	64QAM	50	0	20.33	20.34	20.47	20.26	20.40	21	3
20	64QAM	50	24	20.28	20.37	20.44	20.26	20.43		
20	64QAM	50	50	20.30	20.34	20.34	20.17	20.33		
20	64QAM	100	0	20.32	20.34	20.43	20.33	20.39		
20	256QAM	1	0	18.33	18.34	18.54	18.27	18.41	19	5
20	256QAM	1	49	18.31	18.38	18.42	18.31	18.40		
20	256QAM	1	99	18.27	18.38	18.35	18.15	18.34		
20	256QAM	50	0	18.41	18.35	18.47	18.42	18.41	19	5
20	256QAM	50	24	18.35	18.33	18.45	18.27	18.40		
20	256QAM	50	50	18.37	18.30	18.41	18.41	18.27		
20	256QAM	100	0	18.22	18.46	18.35	18.32	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.37	23.24	23.36	23.25	23.28	24.00	0
15	QPSK	1	37	23.22	23.18	23.32	23.20	23.24		
15	QPSK	1	74	23.24	23.26	23.37	23.21	23.25		
15	QPSK	36	0	22.24	22.25	22.45	22.18	22.37	23	1
15	QPSK	36	20	22.28	22.25	22.42	22.22	22.24		
15	QPSK	36	39	22.18	22.29	22.27	22.07	22.23		
15	QPSK	75	0	22.24	22.33	22.44	22.26	22.30		
15	16QAM	1	0	22.26	22.29	22.33	22.28	22.42	23	1
15	16QAM	1	37	22.19	22.26	22.34	22.22	22.29		
15	16QAM	1	74	22.14	22.37	22.26	22.24	22.23		
15	16QAM	36	0	21.26	21.29	21.37	21.22	21.38	22	2
15	16QAM	36	20	21.35	21.26	21.31	21.20	21.34		
15	16QAM	36	39	21.23	21.21	21.24	21.17	21.22		
15	16QAM	75	0	21.26	21.32	21.46	21.30	21.35		
15	64QAM	1	0	21.39	21.25	21.34	21.24	21.29	22	2
15	64QAM	1	37	21.23	21.28	21.37	21.26	21.25		
15	64QAM	1	74	21.27	21.34	21.29	21.25	21.30		
15	64QAM	36	0	20.23	20.23	20.42	20.13	20.37	21	3
15	64QAM	36	20	20.23	20.26	20.31	20.18	20.32		
15	64QAM	36	39	20.18	20.32	20.31	20.12	20.25		
15	64QAM	75	0	20.22	20.24	20.32	20.30	20.33		
15	256QAM	1	0	18.24	18.21	18.44	18.24	18.32	19	5
15	256QAM	1	37	18.22	18.34	18.40	18.29	18.26		
15	256QAM	1	74	18.17	18.29	18.25	18.06	18.21		
15	256QAM	36	0	18.28	18.24	18.33	18.37	18.36	19	5
15	256QAM	36	20	18.23	18.23	18.33	18.24	18.32		
15	256QAM	36	39	18.33	18.19	18.36	18.38	18.14		
15	256QAM	75	0	18.15	18.38	18.23	18.28	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.32	23.35	23.35	23.32	23.35	24.00	0
10	QPSK	1	25	23.21	23.18	23.39	23.22	23.28		
10	QPSK	1	49	23.27	23.27	23.31	23.18	23.29		
10	QPSK	25	0	22.33	22.24	22.48	22.25	22.32	23	1
10	QPSK	25	12	22.23	22.21	22.35	22.12	22.32		
10	QPSK	25	25	22.19	22.20	22.27	22.10	22.31		
10	QPSK	50	0	22.29	22.31	22.44	22.31	22.31		
10	16QAM	1	0	22.25	22.30	22.37	22.28	22.36	23	1
10	16QAM	1	25	22.19	22.29	22.34	22.32	22.25		
10	16QAM	1	49	22.17	22.33	22.27	22.24	22.24		
10	16QAM	25	0	21.32	21.29	21.40	21.24	21.43	22	2
10	16QAM	25	12	21.27	21.22	21.33	21.22	21.34		
10	16QAM	25	25	21.15	21.29	21.33	21.21	21.17		
10	16QAM	50	0	21.32	21.25	21.48	21.29	21.24		
10	64QAM	1	0	21.36	21.23	21.43	21.31	21.35	22	2
10	64QAM	1	25	21.24	21.32	21.35	21.27	21.33		
10	64QAM	1	49	21.25	21.34	21.33	21.21	21.28		
10	64QAM	25	0	20.27	20.22	20.41	20.17	20.27	21	3
10	64QAM	25	12	20.16	20.29	20.40	20.17	20.35		
10	64QAM	25	25	20.24	20.28	20.26	20.05	20.30		
10	64QAM	50	0	20.28	20.27	20.37	20.22	20.33		
10	256QAM	1	0	18.19	18.22	18.50	18.23	18.33	19	5
10	256QAM	1	25	18.26	18.31	18.29	18.21	18.33		
10	256QAM	1	49	18.23	18.33	18.27	18.05	18.30		
10	256QAM	25	0	18.32	18.24	18.42	18.32	18.37	19	5
10	256QAM	25	12	18.30	18.29	18.34	18.24	18.32		
10	256QAM	25	25	18.29	18.18	18.28	18.29	18.14		
10	256QAM	50	0	18.16	18.35	18.23	18.24	18.25		
Channel				39675	40135	40620	41093	41550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.35	23.26	23.37	23.26	23.29	24.00	0
5	QPSK	1	12	23.26	23.25	23.37	23.17	23.27		
5	QPSK	1	24	23.19	23.25	23.37	23.12	23.20		
5	QPSK	12	0	22.23	22.29	22.44	22.27	22.41	23	1
5	QPSK	12	7	22.23	22.27	22.30	22.14	22.28		
5	QPSK	12	13	22.13	22.27	22.36	22.12	22.28		
5	QPSK	25	0	22.27	22.26	22.35	22.23	22.28		
5	16QAM	1	0	22.33	22.27	22.42	22.26	22.40	23	1
5	16QAM	1	12	22.21	22.26	22.24	22.23	22.18		
5	16QAM	1	24	22.19	22.37	22.32	22.27	22.22		
5	16QAM	12	0	21.29	21.33	21.32	21.20	21.43	22	2
5	16QAM	12	7	21.30	21.29	21.37	21.18	21.37		
5	16QAM	12	13	21.16	21.18	21.27	21.13	21.27		
5	16QAM	25	0	21.34	21.26	21.47	21.30	21.32		
5	64QAM	1	0	21.37	21.20	21.39	21.20	21.30	22	2
5	64QAM	1	12	21.17	21.29	21.29	21.26	21.27		
5	64QAM	1	24	21.31	21.26	21.27	21.22	21.26		
5	64QAM	12	0	20.31	20.20	20.41	20.17	20.35	21	3
5	64QAM	12	7	20.15	20.25	20.37	20.23	20.40		
5	64QAM	12	13	20.21	20.28	20.25	20.14	20.23		
5	64QAM	25	0	20.28	20.23	20.38	20.20	20.35		
5	256QAM	1	0	18.26	18.27	18.50	18.15	18.32	19	5
5	256QAM	1	12	18.28	18.27	18.30	18.28	18.29		
5	256QAM	1	24	18.17	18.32	18.21	18.05	18.22		
5	256QAM	12	0	18.32	18.27	18.42	18.37	18.32	19	5
5	256QAM	12	7	18.23	18.23	18.32	18.20	18.29		
5	256QAM	12	13	18.29	18.26	18.33	18.33	18.13		
5	256QAM	25	0	18.19	18.40	18.23	18.21	18.17		

Band 41 HPUE Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.46	25.33	25.50	25.41	25.36	27	0
20	QPSK	1	49	25.35	25.34	25.41	25.28	25.38		
20	QPSK	1	99	25.25	25.31	25.41	25.24	25.30		
20	QPSK	50	0	24.36	24.41	24.51	24.29	24.43	26	1
20	QPSK	50	24	24.37	24.28	24.46	24.23	24.35		
20	QPSK	50	50	24.25	24.36	24.39	24.18	24.31		
20	QPSK	100	0	24.43	24.33	24.48	24.42	24.35		
20	16QAM	1	0	24.36	24.31	24.46	24.32	24.41	26	1
20	16QAM	1	49	24.28	24.35	24.38	24.40	24.27		
20	16QAM	1	99	24.21	24.40	24.37	24.29	24.32		
20	16QAM	50	0	23.42	23.38	23.39	23.31	23.44	25	2
20	16QAM	50	24	23.34	23.30	23.37	23.28	23.45		
20	16QAM	50	50	23.24	23.38	23.38	23.21	23.30		
20	16QAM	100	0	23.33	23.42	23.50	23.28	23.34		
20	64QAM	1	0	23.37	23.35	23.41	23.22	23.45	25	2
20	64QAM	1	49	23.33	23.44	23.37	23.38	23.42		
20	64QAM	1	99	23.35	23.36	23.34	23.32	23.33		
20	64QAM	50	0	22.32	22.30	22.44	22.28	22.42	24	3
20	64QAM	50	24	22.32	22.37	22.49	22.20	22.37		
20	64QAM	50	50	22.29	22.31	22.39	22.13	22.37		
20	64QAM	100	0	22.35	22.33	22.48	22.36	22.37		
20	256QAM	1	0	20.30	20.34	20.56	20.29	20.45	22	5
20	256QAM	1	49	20.29	20.40	20.41	20.35	20.44		
20	256QAM	1	99	20.23	20.33	20.33	20.18	20.38		
20	256QAM	50	0	20.42	20.35	20.51	20.36	20.42	22	5
20	256QAM	50	24	20.29	20.34	20.46	20.28	20.42		
20	256QAM	50	50	20.42	20.35	20.37	20.44	20.25		
20	256QAM	100	0	20.18	20.46	20.35	20.37	20.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.41	25.28	25.43	25.36	25.26	27.00	0
15	QPSK	1	37	25.29	25.29	25.38	25.21	25.36		
15	QPSK	1	74	25.15	25.24	25.31	25.15	25.19		
15	QPSK	36	0	24.28	24.29	24.42	24.17	24.34	26	1
15	QPSK	36	20	24.31	24.20	24.43	24.19	24.22		
15	QPSK	36	39	24.13	24.28	24.32	24.07	24.27		
15	QPSK	75	0	24.40	24.28	24.42	24.29	24.30		
15	16QAM	1	0	24.27	24.19	24.44	24.19	24.32	26	1
15	16QAM	1	37	24.21	24.23	24.25	24.38	24.22		
15	16QAM	1	74	24.11	24.28	24.25	24.23	24.28		
15	16QAM	36	0	23.28	23.31	23.30	23.18	23.40	25	2
15	16QAM	36	20	23.21	23.23	23.34	23.20	23.34		
15	16QAM	36	39	23.13	23.33	23.30	23.16	23.28		
15	16QAM	75	0	23.23	23.35	23.38	23.26	23.25		
15	64QAM	1	0	23.32	23.29	23.38	23.13	23.31	25	2
15	64QAM	1	37	23.30	23.41	23.30	23.36	23.32		
15	64QAM	1	74	23.29	23.27	23.29	23.30	23.31		
15	64QAM	36	0	22.29	22.24	22.35	22.18	22.33	24	3
15	64QAM	36	20	22.19	22.30	22.41	22.14	22.33		
15	64QAM	36	39	22.20	22.21	22.29	22.06	22.25		
15	64QAM	75	0	22.24	22.20	22.44	22.26	22.30		
15	256QAM	1	0	20.22	20.21	20.49	20.19	20.42	22	5
15	256QAM	1	37	20.22	20.29	20.32	20.29	20.42		
15	256QAM	1	74	20.20	20.25	20.22	20.12	20.27		
15	256QAM	36	0	20.36	20.28	20.41	20.23	20.33	22	5
15	256QAM	36	20	20.24	20.23	20.39	20.20	20.35		
15	256QAM	36	39	20.36	20.26	20.28	20.41	20.15		
15	256QAM	75	0	20.13	20.43	20.29	20.25	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.41	25.28	25.47	25.27	25.28	27.00	0
10	QPSK	1	25	25.31	25.28	25.29	25.24	25.31		
10	QPSK	1	49	25.18	25.27	25.31	25.16	25.25		
10	QPSK	25	0	24.33	24.38	24.42	24.19	24.40	26	1
10	QPSK	25	12	24.33	24.16	24.40	24.21	24.23		
10	QPSK	25	25	24.19	24.23	24.31	24.08	24.18		
10	QPSK	50	0	24.40	24.21	24.40	24.38	24.28		
10	16QAM	1	0	24.30	24.23	24.35	24.30	24.28	26	1
10	16QAM	1	25	24.17	24.30	24.24	24.27	24.25		
10	16QAM	1	49	24.16	24.37	24.33	24.17	24.29		
10	16QAM	25	0	23.30	23.28	23.32	23.29	23.32	25	2
10	16QAM	25	12	23.26	23.23	23.28	23.18	23.39		
10	16QAM	25	25	23.22	23.32	23.33	23.15	23.16		
10	16QAM	50	0	23.23	23.37	23.42	23.14	23.32		
10	64QAM	1	0	23.25	23.21	23.36	23.11	23.43	25	2
10	64QAM	1	25	23.27	23.37	23.29	23.32	23.36		
10	64QAM	1	49	23.22	23.34

GSM850 Ant1 DSI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 DSI2			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.80	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.32	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.21		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.11		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.25	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.30	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.25	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.35	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.16		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.28	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.31	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.38	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.01	22.06	21.98		
20	QPSK	1	49	21.92	22.04	21.93	23	0
20	QPSK	1	99	21.96	22.01	21.93		
20	QPSK	50	0	21.01	21.10	21.01		
20	QPSK	50	24	20.89	21.00	20.91	22	1
20	QPSK	50	50	20.99	20.96	20.89		
20	QPSK	100	0	21.03	21.07	20.98		
20	16QAM	1	0	21.05	21.04	21.04		
20	16QAM	1	49	20.87	21.02	20.92	22	1
20	16QAM	1	99	21.01	20.97	20.92		
20	16QAM	50	0	19.96	20.14	19.95		
20	16QAM	50	24	19.83	19.95	19.88	21	2
20	16QAM	50	50	19.96	19.97	19.91		
20	16QAM	100	0	20.03	20.03	19.96		
20	64QAM	1	0	20.10	20.07	20.00		
20	64QAM	1	49	19.88	20.01	19.90	21	2
20	64QAM	1	99	19.99	19.96	19.86		
20	64QAM	50	0	19.03	19.04	18.99		
20	64QAM	50	24	18.94	19.05	18.90	20	3
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00		
20	256QAM	1	49	16.85	17.01	16.94	18	5
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94		
20	256QAM	50	24	17.06	17.06	17.03	18	5
20	256QAM	50	50	16.91	16.98	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.91	21.93	21.87		
15	QPSK	1	37	21.89	21.99	21.82	23	0
15	QPSK	1	74	21.86	21.97	21.81		
15	QPSK	36	0	20.93	20.99	20.98		
15	QPSK	36	20	20.75	20.97	20.87	22	1
15	QPSK	36	39	20.88	20.85	20.82		
15	QPSK	75	0	21.00	20.95	20.93		
15	16QAM	1	0	20.95	20.91	20.94		
15	16QAM	1	37	20.79	20.92	20.83	22	1
15	16QAM	1	74	20.88	20.93	20.85		
15	16QAM	36	0	19.89	20.09	19.82		
15	16QAM	36	20	19.73	19.86	19.77	21	2
15	16QAM	36	39	19.94	19.92	19.83		
15	16QAM	75	0	20.00	19.95	19.90		
15	64QAM	1	0	20.02	20.05	19.86		
15	64QAM	1	37	19.85	19.94	19.77	21	2
15	64QAM	1	74	19.90	19.89	19.83		
15	64QAM	36	0	18.93	18.91	18.95		
15	64QAM	36	20	18.92	18.99	18.77	20	3
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96		
15	256QAM	1	37	16.72	16.90	16.83	18	5
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84		
15	256QAM	36	20	16.95	16.97	16.96	18	5
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.98	21.92		
10	QPSK	1	25	21.88	21.92	21.91	23	0
10	QPSK	1	49	21.92	21.96	21.87		
10	QPSK	25	0	20.89	21.04	20.91		
10	QPSK	25	12	20.80	20.96	20.83	22	1
10	QPSK	25	25	20.88	20.89	20.87		
10	QPSK	50	0	20.97	20.99	20.96		
10	16QAM	1	0	20.93	20.97	20.92		
10	16QAM	1	25	20.79	20.89	20.87	22	1
10	16QAM	1	49	20.96	20.85	20.84		
10	16QAM	25	0	19.91	20.02	19.86		
10	16QAM	25	12	19.80	19.86	19.85	21	2
10	16QAM	25	25	19.88	19.92	19.86		
10	16QAM	50	0	20.00	19.90	19.84		
10	64QAM	1	0	20.02	19.93	19.93		
10	64QAM	1	25	19.75	19.92	19.82	21	2
10	64QAM	1	49	19.89	19.94	19.76		
10	64QAM	25	0	18.98	18.98	18.87		
10	64QAM	25	12	18.91	18.94	18.78	20	3
10	64QAM	25	25	18.93	18.84	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.91	17.01	16.94		
10	256QAM	1	25	16.77	16.92	16.81	18	5
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83		
10	256QAM	25	12	16.98	17.04	17.00	18	5
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.02	21.92		
5	QPSK	1	12	21.86	21.91	21.90	23	0
5	QPSK	1	24	21.87	21.93	21.83		
5	QPSK	12	0	20.95	20.98	20.90		
5	QPSK	12	7	20.87	20.94	20.82	22	1
5	QPSK	12	13	20.95	20.88	20.86		
5	QPSK	25	0	20.91	21.02	20.95		
5	16QAM	1	0	20.99	20.99	20.94		
5	16QAM	1	12	20.80	20.95	20.84	22	1
5	16QAM	1	24	20.97	20.91	20.80		
5	16QAM	12	0	19.83	19.97	19.85		
5	16QAM	12	7	19.71	19.88	19.74	21	2
5	16QAM	12	13	19.84	19.83	19.84		
5	16QAM	25	0	19.97	20.00	19.86		
5	64QAM	1	0	20.00	19.97	19.93		
5	64QAM	1	12	19.76	19.95	19.77	21	2
5	64QAM	1	24	19.94	19.82	19.78		
5	64QAM	12	0	18.99	19.00	18.96		
5	64QAM	12	7	18.82	19.00	18.78	20	3
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91		
5	256QAM	1	12	16.74	16.92	16.90	18	5
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85		
5	256QAM	12	7	16.88	16.96	16.96	18	5
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.88	22.04	21.88		
3	QPSK	1	8	21.80	22.00	21.91	23	0
3	QPSK	1	14	21.86	21.97	21.91		
3	QPSK	8	0	20.94	21.08	20.95		
3	QPSK	8	4	20.77	20.93	20.87	22	1
3	QPSK	8	7	20.94	20.88	20.86		
3	QPSK	15	0	20.95	20.98	20.92		
3	16QAM	1	0	21.03	20.99	21.00		
3	16QAM	1	8	20.84	20.89	20.88	22	1
3	16QAM	1	14	20.88	20.84	20.88		
3	16QAM	8	0	19.93	20.05	19.86		
3	16QAM	8	4	19.73	19.88	19.75	21	2
3	16QAM	8	7	19.87	19.93	19.82		
3	16QAM	15	0	19.99	19.95	19.83		
3	64QAM	1	0	20.02	20.02	19.87		
3	64QAM	1	8	19.84	19.94	19.78	21	2
3	64QAM	1	14	19.88	19.93	19.74		
3	64QAM	8	0	19.00	18.99	18.86		
3	64QAM	8	4	18.87	18.98	18.84	20	3
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90		
3	256QAM	1	8	16.80	16.89	16.83	18	5
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83		
3	256QAM	8	4	16.99	16.93	16.92	18	5
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.87		
1.4	QPSK	1	3	21.82	21.98	21.87		
1.4	QPSK	1	5	21.84	21.94	21.80	23	0
1.4	QPSK	3	0	21.88	21.88	21.82		
1.4	QPSK	3	1	21.77	21.87	21.81		
1.4	QPSK	3	3	21.73	21.87	21.77		
1.4	QPSK	6	0	20.93	20.94	20.95	22	1
1.4	16QAM	1	0	20.97	20.92	20.94		
1.4	16QAM	1	3	20.73	20.94	20.79		
1.4	16QAM	1	5	20.97	20.83	20.88	22	1
1.4	16QAM	3	0	20.91	20.87	20.91		
1.4	16QAM	3	1	20.93	20.85	20.82		
1.4	16QAM	3	3	20.63	20.84	20.75		
1.4	16QAM	6	0	20.00	19.89	19.88	21	2
1.4	64QAM	1	0	19.96	19.99	19.91		
1.4	64QAM	1	3	19.80	19.99	19.84		
1.4	64QAM	1	5	19.85	19.87	19.77	21	2
1.4	64QAM	3	0	19.92	19.80	19.80		
1.4	64QAM	3	1	19.88	19.91	19.82		
1.4	64QAM	3	3	19.67	19.88	19.76		
1.4	64QAM	6	0	18.93	18.97	18.91	20	3
1.4	256QAM	1	0	16.93	16.97	16.93		
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77	18	5
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		

Band 12 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.97	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.67	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.86	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

Band 13 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

Band 14 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

Band 17 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.36	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

Band 25 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.34	22.41	22.32		
20	QPSK	1	49	22.30	22.36	22.16	23	0
20	QPSK	1	99	22.20	22.40	22.23		
20	QPSK	50	0	21.44	21.45	21.25		
20	QPSK	50	24	21.35	21.32	21.23	22	1
20	QPSK	50	50	21.21	21.28	21.31		
20	QPSK	100	0	21.35	21.41	21.29		
20	16QAM	1	0	21.29	21.33	21.33		
20	16QAM	1	49	21.35	21.39	21.12	22	1
20	16QAM	1	99	21.20	21.33	21.21		
20	16QAM	50	0	20.44	20.39	20.25		
20	16QAM	50	24	20.41	20.45	20.22	21	2
20	16QAM	50	50	20.21	20.28	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24		
20	64QAM	1	49	20.40	20.34	20.15	21	2
20	64QAM	1	99	20.15	20.35	20.33		
20	64QAM	50	0	19.32	19.42	19.23		
20	64QAM	50	24	19.43	19.32	19.24	20	3
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26		
20	256QAM	1	49	17.40	17.31	17.19	18	5
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18		
20	256QAM	50	24	17.25	17.40	17.29	18	5
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.23	22.34	22.20		
15	QPSK	1	37	22.26	22.25	22.12	23	0
15	QPSK	1	74	22.08	22.31	22.14		
15	QPSK	36	0	21.31	21.42	21.19		
15	QPSK	36	20	21.21	21.27	21.18	22	1
15	QPSK	36	39	21.15	21.26	21.17		
15	QPSK	75	0	21.30	21.38	21.24		
15	16QAM	1	0	21.23	21.25	21.28		
15	16QAM	1	37	21.28	21.36	21.06	22	1
15	16QAM	1	74	21.08	21.22	21.14		
15	16QAM	36	0	20.32	20.31	20.21		
15	16QAM	36	20	20.28	20.40	20.11	21	2
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16		
15	64QAM	1	37	20.35	20.23	20.12	21	2
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12		
15	64QAM	36	20	19.38	19.19	19.10	20	3
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.38	19.24		
15	256QAM	1	0	17.32	17.27	17.17		
15	256QAM	1	37	17.26	17.25	17.11	18	5
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12		
15	256QAM	36	20	17.12	17.36	17.16	18	5
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.30	22.21		
10	QPSK	1	25	22.18	22.22	22.02	23	0
10	QPSK	1	49	22.08	22.38	22.13		
10	QPSK	25	0	21.31	21.42	21.22		
10	QPSK	25	12	21.31	21.27	21.19	22	1
10	QPSK	25	25	21.13	21.16	21.21		
10	QPSK	50	0	21.24	21.39	21.25		
10	16QAM	1	0	21.17	21.25	21.25		
10	16QAM	1	25	21.27	21.32	21.08	22	1
10	16QAM	1	49	21.18	21.21	21.08		
10	16QAM	25	0	20.37	20.35	20.14		
10	16QAM	25	12	20.31	20.39	20.15	21	2
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15		
10	64QAM	1	25	20.27	20.22	20.03	21	2
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15		
10	64QAM	25	12	19.29	19.19	19.15	20	3
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15		
10	256QAM	1	25	17.31	17.21	17.15	18	5
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14		
10	256QAM	25	12	17.12	17.32	17.26	18	5
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26055	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.24	22.36	22.28		
5	QPSK	1	12	22.24	22.31	22.02	23	0
5	QPSK	1	24	22.14	22.28	22.19		
5	QPSK	12	0	21.40	21.32	21.17		
5	QPSK	12	7	21.27	21.29	21.18	22	1
5	QPSK	12	13	21.11	21.22	21.20		
5	QPSK	25	0	21.21	21.28	21.22		
5	16QAM	1	0	21.19	21.30	21.26		
5	16QAM	1	12	21.32	21.33	21.08	22	1
5	16QAM	1	24	21.16	21.29	21.16		
5	16QAM	12	0	20.41	20.32	20.22		
5	16QAM	12	7	20.30	20.33	20.11	21	2
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13		
5	64QAM	1	12	20.35	20.30	20.09	21	2
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14		
5	64QAM	12	7	19.39	19.22	19.14	20	3
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.16		
5	256QAM	1	12	17.27	17.25	17.07	18	5
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06		
5	256QAM	12	7	17.14	17.34	17.19	18	5
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.27	22.28		
3	QPSK	1	8	22.28	22.32	22.13	23	0
3	QPSK	1	14	22.14	22.36	22.15		
3	QPSK	8	0	21.34	21.36	21.11		
3	QPSK	8	4	21.25	21.28	21.16	22	1
3	QPSK	8	7	21.15	21.22	21.20		
3	QPSK	15	0	21.23	21.39	21.18		
3	16QAM	1	0	21.20	21.31	21.24		
3	16QAM	1	8	21.32	21.33	20.99	22	1
3	16QAM	1	14	21.16	21.29	21.18		
3	16QAM	8	0	20.32	20.30	20.21		
3	16QAM	8	4	20.38	20.39	20.14	21	2
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13		
3	64QAM	1	8	20.36	20.25	20.03	21	2
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11		
3	64QAM	8	4	19.33	19.25	19.13	20	3
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20		
3	256QAM	1	8	17.33	17.27	17.07	18	5
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05		
3	256QAM	8	4	17.18	17.35	17.20	18	5
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.21	22.29	22.26		
1.4	QPSK	1	3	22.25	22.22	22.13		
1.4	QPSK	1	5	22.17	22.36	22.12	23	0
1.4	QPSK	3	0	22.09	22.22	22.16		
1.4	QPSK	3	1	22.22	22.19	22.06		
1.4	QPSK	3	3	22.07	22.28	22.06		
1.4	QPSK	6	0	21.23	21.28	21.18	22	1
1.4	16QAM	1	0	21.19	21.28	21.22		
1.4	16QAM	1	3	21.32	21.35	21.05		
1.4	16QAM	1	5	21.08	21.23	21.17	22	1
1.4	16QAM	3	0	21.11	21.18	21.11		
1.4	16QAM	3	1	21.15	21.24	21.10		
1.4	16QAM	3	3	21.24	21.25	21.00		
1.4	16QAM	6	0	20.27	20.25	20.17	21	2
1.4	64QAM	1	0	20.10	20.20	20.10		
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30	21	2
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	3
1.4	256QAM	1	0	17.29	17.33	17.14		
1.4	256QAM	1	3	17.30	17.28	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24	18	5
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38		
15	QPSK	1	37	22.35	22.43	22.35	24	0
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32		
15	QPSK	36	20	21.30	21.45	21.31	23	1
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36		
15	16QAM	1	37	21.36	21.39	21.38	23	1
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33		
15	16QAM	36	20	20.28	20.45	20.28	22	2
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33		
15	64QAM	1	37	20.36	20.34	20.35	22	2
15	64QAM	1	74	20.37	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32		
15	64QAM	36	20	19.35	19.42	19.30	21	3
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36		
15	256QAM	1	37	17.34	17.40	17.26	19	5
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36		
15	256QAM	36	20	17.44	17.44	17.39	19	5
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29		
10	QPSK	1	25	22.32	22.33	22.28	24	0
10	QPSK	1	49	22.23	22.39	22.22		
10	QPSK	25	0	21.26	21.46	21.29		
10	QPSK	25	12	21.22	21.31	21.17	23	1
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24		
10	16QAM	1	25	21.28	21.35	21.27	23	1
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28		
10	16QAM	25	12	20.23	20.33	20.22	22	2
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29		
10	64QAM	1	25	20.23	20.28	20.21	22	2
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21		
10	64QAM	25	12	19.23	19.32	19.17	21	3
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24		
10	256QAM	1	25	17.27	17.30	17.15	19	5
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30		
10	256QAM	25	12	17.35	17.36	17.29	19	5
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29		
5	QPSK	1	12	22.29	22.34	22.27	24	0
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19		
5	QPSK	12	7	21.27	21.43	21.22	23	1
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28		
5	16QAM	1	12	21.34	21.27	21.36	23	1
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19		
5	16QAM	12	7	20.19	20.39	20.23	22	2
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24		
5	64QAM	1	12	20.27	20.27	20.27	22	2
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19		
5	64QAM	12	7	19.32	19.32	19.23	21	3
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28		
5	256QAM	1	12	17.25	17.31	17.15	19	5
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23		
5	256QAM	12	7	17.40	17.40	17.25	19	5
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34		
3	QPSK	1	8	22.32	22.34	22.30	24	0
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25		
3	QPSK	8	4	21.25	21.35	21.24	23	1
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30		
3	16QAM	1	8	21.29	21.31	21.26	23	1
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25		
3	16QAM	8	4	20.16	20.32	20.24	22	2
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27		
3	64QAM	1	8	20.22	20.23	20.28	22	2
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23		
3	64QAM	8	4	19.22	19.40	19.25	21	3
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28		
3	256QAM	1	8	17.28	17.33	17.18	19	5
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.32	17.36	17.36	19	5
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28		
1.4	QPSK	1	3	22.26	22.32	22.27		
1.4	QPSK	1	5	22.21	22.37	22.25	24	0
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.35	21.36	21.32		
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17	23	1
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24		
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18	22	2
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31		
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21	19	5
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85			
10	QPSK	1	25		20.83		22	0
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91			
10	QPSK	25	12		19.80		21	1
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84			
10	16QAM	1	25		19.86		21	1
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95			
10	16QAM	25	12		18.78		20	2
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85			
10	64QAM	1	25		18.89		20	2
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96			
10	64QAM	25	12		17.82		19	3
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86			
10	256QAM	1	25		15.77		17	5
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90			
10	256QAM	25	12		15.86		17	5
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79		
5	QPSK	1	12	20.77	20.77	20.72	22	0
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89		
5	QPSK	12	7	19.72	19.67	19.67	21	1
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72		
5	16QAM	1	12	19.84	19.81	19.76	21	1
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83		
5	16QAM	12	7	18.69	18.70	18.76	20	2
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76		
5	64QAM	1	12	18.78	18.79	18.79	20	2
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83		
5	64QAM	12	7	17.68	17.73	17.76	19	3
5	64QAM	12	13	17.70	17.75	17.69		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.72	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.99	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131997	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.58	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.58	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.59	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49	22	2
5	64QAM	1	0	20.49	20.53	20.42		
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.43	23.40	25	0
20	QPSK	1	49	23.18	23.29	23.31		
20	QPSK	1	99	23.16	23.27	23.26		
20	QPSK	50	0	22.25	22.37	22.33	24	1
20	QPSK	50	24	22.18	22.25	22.35		
20	QPSK	50	50	22.18	22.32	22.30		
20	QPSK	100	0	22.25	22.38	22.28		
20	16QAM	1	0	22.12	22.33	22.42	24	1
20	16QAM	1	49	22.16	22.40	22.23		
20	16QAM	1	99	22.14	22.29	22.25		
20	16QAM	50	0	21.16	21.35	21.31	23	2
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	2
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	3
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	5
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	5
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.08	23.33	23.25	25	0
15	QPSK	1	37	23.06	23.25	23.21		
15	QPSK	1	74	23.06	23.12	23.20		
15	QPSK	36	0	22.21	22.31	22.23	24	1
15	QPSK	36	20	22.12	22.13	22.28		
15	QPSK	36	39	22.12	22.21	22.24		
15	QPSK	75	0	22.16	22.30	22.18		
15	16QAM	1	0	22.00	22.25	22.31	24	1
15	16QAM	1	37	22.02	22.25	22.14		
15	16QAM	1	74	22.08	22.12	22.12		
15	16QAM	36	0	21.10	21.27	21.17	23	2
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	2
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	3
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	5
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	5
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.10	23.36	23.28	25	0
10	QPSK	1	25	23.11	23.18	23.23		
10	QPSK	1	49	23.07	23.21	23.14		
10	QPSK	25	0	22.18	22.26	22.27	24	1
10	QPSK	25	12	22.12	22.19	22.24		
10	QPSK	25	25	22.02	22.20	22.16		
10	QPSK	50	0	22.13	22.25	22.17		
10	16QAM	1	0	22.04	22.28	22.31	24	1
10	16QAM	1	25	22.07	22.33	22.19		
10	16QAM	1	49	22.20	22.22	22.13		
10	16QAM	25	0	21.01	21.26	21.16	23	2
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.21	21.31	23	2
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	3
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	5
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	5
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	23.05	23.32	23.29	25	0
5	QPSK	1	12	23.03	23.24	23.17		
5	QPSK	1	24	23.10	23.16	23.17		
5	QPSK	12	0	22.14	22.28	22.23	24	1
5	QPSK	12	7	22.08	22.13	22.24		
5	QPSK	12	13	22.13	22.26	22.20		
5	QPSK	25	0	22.11	22.31	22.18		
5	16QAM	1	0	22.00	22.24	22.33	24	1
5	16QAM	1	12	22.11	22.26	22.07		
5	16QAM	1	24	22.01	22.14	22.17		
5	16QAM	12	0	21.11	21.20	21.19	23	2
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	2
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	3
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	5
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	5
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.81	23.96	23.94	23.88	25	0
20	QPSK	1	49	23.71	23.77	23.93	23.91	23.77		
20	QPSK	1	99	23.73	23.72	23.90	23.87	23.75		
20	QPSK	50	0	22.90	22.81	23.00	22.95	22.89	24	1
20	QPSK	50	24	22.69	22.83	22.87	22.92	22.76		
20	QPSK	50	50	22.75	22.77	22.91	22.90	22.74		
20	QPSK	100	0	22.86	22.84	22.99	22.91	22.91		
20	16QAM	1	0	22.88	22.78	22.96	22.98	22.86	24	1
20	16QAM	1	49	22.66	22.78	22.95	22.85	22.79		
20	16QAM	1	99	22.74	22.75	22.87	22.85	22.77		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	2
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	2
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	3
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	5
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	5
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.73	23.76	23.85	23.88	23.79	25.00	0
15	QPSK	1	37	23.62	23.75	23.91	23.84	23.69		
15	QPSK	1	74	23.66	23.58	23.81	23.74	23.71		
15	QPSK	36	0	22.80	22.78	22.87	22.90	22.83	24	1
15	QPSK	36	20	22.61	22.79	22.80	22.78	22.73		
15	QPSK	36	39	22.71	22.70	22.88	22.83	22.63		
15	QPSK	75	0	22.75	22.75	22.89	22.83	22.88		
15	16QAM	1	0	22.85	22.64	22.92	22.94	22.81	24	1
15	16QAM	1	37	22.63	22.71	22.90	22.77	22.77		
15	16QAM	1	74	22.67	22.67	22.82	22.79	22.71		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	2
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	2
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	3
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	5
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	5
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.73	23.94	23.82	23.78	25.00	0
10	QPSK	1	25	23.61	23.67	23.80	23.87	23.75		
10	QPSK	1	49	23.65	23.65	23.82	23.79	23.67		
10	QPSK	25	0	22.84	22.73	22.96	22.86	22.79	24	1
10	QPSK	25	12	22.62	22.71	22.83	22.88	22.63		
10	QPSK	25	25	22.66	22.68	22.82	22.83	22.70		
10	QPSK	50	0	22.83	22.79	22.92	22.86	22.85		
10	16QAM	1	0	22.84	22.71	22.93	22.86	22.73	24	1
10	16QAM	1	25	22.61	22.65	22.84	22.73	22.75		
10	16QAM	1	49	22.66	22.64	22.82	22.79	22.66		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	2
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	2
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	3
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	5
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	5
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.77	23.84	23.81	23.78	25.00	0
5	QPSK	1	12	23.62	23.73	23.83	23.77	23.64		
5	QPSK	1	24	23.71	23.68	23.83	23.82	23.67		
5	QPSK	12	0	22.77	22.77	22.95	22.87	22.77	24	1
5	QPSK	12	7	22.58	22.70	22.82	22.88	22.72		
5	QPSK	12	13	22.62	22.74	22.79	22.80	22.64		
5	QPSK	25	0	22.72	22.74	22.97	22.87	22.86		
5	16QAM	1	0	22.74	22.75	22.88	22.87	22.81	24	1
5	16QAM	1	12	22.63	22.67	22.84	22.76	22.68		
5	16QAM	1	24	22.67	22.64	22.81	22.77	22.67		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	2
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	2
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	3
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	5
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	5
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.88	25.96	26.02	25.92	25.93	27	0
20	QPSK	1	49	25.84	25.93	25.98	25.86	25.84		
20	QPSK	1	99	25.79	25.91	25.97	25.80	25.85		
20	QPSK	50	0	24.88	25.01	25.06	24.95	24.95	26	1
20	QPSK	50	24	24.84	24.91	25.01	24.84	24.87		
20	QPSK	50	50	24.81	24.92	25.02	24.75	24.85		
20	QPSK	100	0	24.86	24.96	25.03	24.92	24.91		
20	16QAM	1	0	24.91	24.97	25.02	24.92	24.98	26	1
20	16QAM	1	49	24.84	24.87	25.01	24.91	24.84		
20	16QAM	1	99	24.77	24.95	24.99	24.77	24.88		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	2
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	2
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	3
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.83	25.88	25.94	25.81	25.91	27.00	0
15	QPSK	1	37	25.72	25.88	25.93	25.79	25.72		
15	QPSK	1	74	25.74	25.80	25.90	25.74	25.81		
15	QPSK	36	0	24.84	24.89	24.95	24.91	24.84	26	1
15	QPSK	36	20	24.75	24.82	24.88	24.71	24.75		
15	QPSK	36	39	24.71	24.84	24.96	24.70	24.81		
15	QPSK	75	0	24.75	24.83	24.92	24.82	24.84		
15	16QAM	1	0	24.84	24.90	24.93	24.84	24.87	26	1
15	16QAM	1	37	24.71	24.85	24.88	24.80	24.78		
15	16QAM	1	74	24.75	24.83	24.88	24.74	24.80		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	2
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	2
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	3
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.75	22	5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.92	25.89	25.86	25.89	27.00	0
10	QPSK	1	25	25.71	25.85	25.95	25.75	25.75		
10	QPSK	1	49	25.77	25.83	25.83	25.66	25.82		
10	QPSK	25	0	24.85	24.99	25.02	24.86	24.88	26	1
10	QPSK	25	12	24.73	24.80	24.92	24.77	24.79		
10	QPSK	25	25	24.70	24.84	24.91	24.72	24.72		
10	QPSK	50	0	24.73	24.88	25.00	24.88	24.88		
10	16QAM	1	0	24.85	24.85	24.89	24.86	24.90	26	1
10	16QAM	1	25	24.77	24.82	24.99	24.83	24.70		
10	16QAM	1	49	24.72	24.85	24.93	24.66	24.78		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	2
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.01	23.90	23.84		
10	64QAM	1	0	23.76	23.87	23.95	23.93	23.88	25	2
10	64QAM	1	25	23.69	23.74	23.92	23.85	23.88		
10	64QAM	1	49	23.63	23.82

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GSM1900 Ant2 DSI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.16	27.25	27.05	28.20	18.16	18.25	18.05	19.20
GPRS 1 Tx slot	27.13	27.23	27.04	28.20	18.13	18.23	18.04	19.20
GPRS 2 Tx slots	24.16	24.21	24.05	25.20	18.16	18.21	18.05	19.20
GPRS 3 Tx slots	22.32	22.35	22.29	23.40	18.06	18.09	18.03	19.14
GPRS 4 Tx slots	21.14	21.18	21.10	22.20	18.14	18.18	18.10	19.20
EDGE 1 Tx slot	24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots	23.71	23.75	23.67	25.00	17.71	17.75	17.67	19.00
EDGE 3 Tx slots	22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots	19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant2 DSI2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.95	18.00	17.87	19.10	17.54	17.70	17.67	18.90
3GPP Rel 99	RMC 12.2Kbps	18.03	18.18	17.88	19.10	17.74	17.82	17.72	18.90
3GPP Rel 6	HSDPA Subtest-1	17.01	16.99	16.95	18.10	16.81	16.71	16.62	17.90
3GPP Rel 6	HSDPA Subtest-2	17.04	17.06	16.98	18.10	16.70	16.82	16.78	17.90
3GPP Rel 6	HSDPA Subtest-3	16.48	16.60	16.36	17.60	16.20	16.22	16.15	17.40
3GPP Rel 6	HSDPA Subtest-4	16.47	16.57	16.39	17.60	16.22	16.35	16.25	17.40
3GPP Rel 8	DC-HSDPA Subtest-1	16.94	17.07	16.90	18.10	16.61	16.78	16.77	17.90
3GPP Rel 8	DC-HSDPA Subtest-2	17.05	17.00	16.87	18.10	16.69	16.73	16.67	17.90
3GPP Rel 8	DC-HSDPA Subtest-3	16.48	16.52	16.50	17.60	16.23	16.31	16.18	17.40
3GPP Rel 8	DC-HSDPA Subtest-4	16.46	16.49	16.32	17.60	16.20	16.25	16.11	17.40
3GPP Rel 6	HSUPA Subtest-1	16.99	16.96	17.00	18.10	16.71	16.76	16.76	17.90
3GPP Rel 6	HSUPA Subtest-2	14.93	14.97	14.98	16.10	14.63	14.78	14.64	15.90
3GPP Rel 6	HSUPA Subtest-3	15.96	15.95	15.95	17.10	15.72	15.78	15.63	16.90
3GPP Rel 6	HSUPA Subtest-4	15.03	15.05	15.02	16.10	14.70	14.83	14.70	15.90
3GPP Rel 6	HSUPA Subtest-5	17.01	17.07	17.00	18.10	16.71	16.74	16.73	17.90

Band 2 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.93	18.15	18.01	19.1	0
20	QPSK	1	49	17.92	18.02	17.92		
20	QPSK	1	99	17.91	18.05	17.96		
20	QPSK	50	0	18.02	18.11	17.99		
20	QPSK	50	24	17.92	18.10	18.04		
20	QPSK	50	50	17.93	18.07	17.95		
20	QPSK	100	0	17.91	18.05	17.98		
20	16QAM	1	0	17.91	18.07	18.02		
20	16QAM	1	49	18.00	17.97	17.94		
20	16QAM	1	99	17.94	18.06	17.96		
20	16QAM	50	0	18.03	17.95	17.97		
20	16QAM	50	24	17.99	17.98	17.94		
20	16QAM	50	50	17.93	17.96	18.04		
20	16QAM	100	0	17.89	17.99	18.11		
20	64QAM	1	0	17.99	17.99	17.91		
20	64QAM	1	49	17.95	17.97	18.00		
20	64QAM	1	99	17.95	18.02	17.95		
20	64QAM	50	0	18.01	18.07	17.99		
20	64QAM	50	24	17.90	17.99	17.97		
20	64QAM	50	50	17.97	17.97	17.99		
20	64QAM	100	0	17.93	18.02	17.94		
20	256QAM	1	0	17.78	17.98	17.92		
20	256QAM	1	49	17.88	18.02	17.87		
20	256QAM	1	99	17.88	18.03	17.87		
20	256QAM	50	0	17.89	18.03	17.87		
20	256QAM	50	24	17.90	18.07	17.84		
20	256QAM	50	50	17.87	18.00	17.89		
20	256QAM	100	0	17.89	17.97	17.95		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.86	18.03	17.96	19.1	0
15	QPSK	1	37	17.81	17.90	17.79		
15	QPSK	1	74	17.81	18.01	17.87		
15	QPSK	36	0	17.87	17.98	17.85		
15	QPSK	36	20	17.80	17.96	17.97		
15	QPSK	36	39	17.80	18.01	17.87		
15	QPSK	75	0	17.86	17.93	17.89		
15	16QAM	1	0	17.83	17.96	17.93		
15	16QAM	1	37	17.89	17.86	17.85		
15	16QAM	1	74	17.80	17.96	17.87		
15	16QAM	36	0	17.93	17.88	17.83		
15	16QAM	36	20	17.89	17.87	17.82		
15	16QAM	36	39	17.87	17.85	17.93		
15	16QAM	75	0	17.82	17.85	18.06		
15	64QAM	1	0	17.94	17.89	17.79		
15	64QAM	1	37	17.88	17.82	17.84	19.1	0
15	64QAM	1	74	17.81	17.91	17.90		
15	64QAM	36	0	17.89	17.96	17.93		
15	64QAM	36	20	17.82	17.92	17.88		
15	64QAM	36	39	17.88	17.89	17.84		
15	64QAM	75	0	17.80	17.87	17.83		
15	256QAM	1	0	17.72	17.87	17.87		
15	256QAM	1	37	17.76	17.95	17.71	19	0.1
15	256QAM	1	74	17.76	17.95	17.78		
15	256QAM	36	0	17.82	17.93	17.74		
15	256QAM	36	20	17.82	17.96	17.69		
15	256QAM	36	39	17.73	17.92	17.84		
15	256QAM	75	0	17.75	17.84	17.89		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.83	17.90	17.85	19.1	0
10	QPSK	1	25	17.78	17.94	17.83		
10	QPSK	1	49	17.83	17.96	17.91		
10	QPSK	25	0	17.96	18.02	17.91		
10	QPSK	25	12	17.83	18.00	17.94		
10	QPSK	25	25	17.80	18.00	17.85		
10	QPSK	50	0	17.80	17.98	17.87		
10	16QAM	1	0	17.81	18.03	17.89		
10	16QAM	1	25	17.86	17.86	17.86		
10	16QAM	1	49	17.81	18.01	17.89		
10	16QAM	25	0	17.97	17.88	17.90		
10	16QAM	25	12	17.91	17.87	17.86		
10	16QAM	25	25	17.87	17.87	18.00		
10	16QAM	50	0	17.81	17.85	18.03		
10	64QAM	1	0	17.90	17.86	17.76		
10	64QAM	1	25	17.88	17.82	17.86		
10	64QAM	1	49	17.83	17.89	17.89		
10	64QAM	25	0	17.91	17.94	17.86		
10	64QAM	25	12	17.81	17.87	17.85		
10	64QAM	25	25	17.90	17.84	17.90		
10	64QAM	50	0	17.81	17.98	17.84		
10	256QAM	1	0	17.83	17.94	17.87		
10	256QAM	1	25	17.80	17.92	17.80	19	0.1
10	256QAM	1	49	17.73	17.98	17.74		
10	256QAM	25	0	17.74	17.88	17.71	19	0.1
10	256QAM	25	12	17.84	18.01	17.72		
10	256QAM	25	25	17.73	17.93	17.74		
10	256QAM	50	0	17.74	17.86	17.84		
Channel				18525	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.89	18.03	17.85	19.1	0
5	QPSK	1	12	17.76	17.96	17.87		
5	QPSK	1	24	17.82	17.92	17.88		
5	QPSK	12	0	17.93	17.99	17.87		
5	QPSK	12	7	17.77	17.95	17.92		
5	QPSK	12	13	17.81	17.93	17.82		
5	QPSK	25	0	17.84	17.95	17.91		
5	16QAM	1	0	17.77	17.98	17.88		
5	16QAM	1	12	17.95	17.92	17.83		
5	16QAM	1	24	17.87	17.94	17.81		
5	16QAM	12	0	17.92	17.84	17.85		
5	16QAM	12	7	17.90	17.94	17.78		
5	16QAM	12	13	17.82	17.89	17.88		
5	16QAM	25	0	17.75	17.87	18.01		
5	64QAM	1	0	17.93	17.83	17.79		
5	64QAM	1	12	17.88	17.82	17.94		
5	64QAM	1	24	17.90	17.87	17.83		
5	64QAM	12	0	17.96	17.92	17.89		
5	64QAM	12	7	17.86	17.94	17.92		
5	64QAM	12	13	17.87	17.84	17.89		
5	64QAM	25	0	17.79	17.87	17.81		
5	256QAM	1	0	17.70	17.85	17.85		
5	256QAM	1	12	17.79	17.91	17.77	19	0.1
5	256QAM	1	24	17.78	17.97	17.73		
5	256QAM	12	0	17.81	17.92	17.78		
5	256QAM	12	7	17.74	17.94	17.70	19	0.1
5	256QAM	12	13	17.78	17.86	17.77		
5	256QAM	25	0	17.78	17.83	17.86		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.84	18.03	17.87	19.1	0
3	QPSK	1	8	17.88	17.93	17.80		
3	QPSK	1	14	17.85	18.00	17.79		
3	QPSK	8	0	17.97	17.93	17.90		
3	QPSK	8	4	17.79	17.99	17.98		
3	QPSK	8	7	17.84	18.01	17.80		
3	QPSK	15	0	17.80	17.90	17.86		
3	16QAM	1	0	17.86	18.01	17.91		
3	16QAM	1	8	17.95	17.83	17.89	19.1	0
3	16QAM	1	14	17.85	17.90	17.85		
3	16QAM	8	0	17.97	17.87	17.92		
3	16QAM	8	4	17.92	17.82	17.79		
3	16QAM	8	7	17.82	17.92	17.98		
3	16QAM	15	0	17.78	17.88	17.99		
3	64QAM	1	0	17.88	17.92	17.86	19.1	0
3	64QAM	1	8	17.90	17.85	17.85		
3	64QAM	1	14	17.86	17.95	17.80		
3	64QAM	8	0	17.96	18.00	17.91		
3	64QAM	8	4	17.76	17.94	17.88	19.1	0
3	64QAM	8	7	17.89	17.92	17.91		
3	64QAM	15	0	17.87	17.93	17.87		
3	256QAM	1	0	17.65	17.85	17.76		
3	256QAM	1	8	17.72	17.93	17.74	19	0.1
3	256QAM	1	14	17.84	17.96	17.73		
3	256QAM	8	0	17.79	17.97	17.72		
3	256QAM	8	4	17.75	17.92	17.72	19	0.1
3	256QAM	8	7	17.78	17.96	17.83		
3	256QAM	15	0	17.80	17.96	17.85		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.75	17.94	17.59	19.1	0
1.4	QPSK	1	3	17.65	17.71	17.72		
1.4	QPSK	1	5	17.67	17.74	17.61		
1.4	QPSK	3	0	17.78	17.52	17.66		
1.4	QPSK	3	1	17.57	17.62	17.60		
1.4	QPSK	3	3	17.67	17.84	17.67		
1.4	QPSK	6	0	17.54	17.74	17.71	19.1	0
1.4	16QAM	1	0	17.71	17.77	17.81	19.1	0
1.4	16QAM	1	3	17.74	17.70	17.71		
1.4	16QAM	1	5	17.60	17.66	17.61		
1.4	16QAM	3	0	17.81	17.68	17.65		
1.4	16QAM	3	1	17.67	17.60	17.67		
1.4	16QAM	3	3	17.69	17.68	17.54		
1.4	16QAM	6	0	17.67	17.76	17.52	19.1	0
1.4	64QAM	1	0	17.68	17.79	17.65	19.1	0
1.4	64QAM	1	3	17.73	17.71	17.60		
1.4	64QAM	1	5	17.74	17.73	17.57		
1.4	64QAM	3	0	17.68	17.64	17.53		
1.4	64QAM	3	1	17.74	17.67	17.61		
1.4	64QAM	3	3	17.69	17.71	17.66		
1.4	64QAM	6	0	17.66	17.67	17.65	19.1	0
1.4	256QAM	1	0	17.52	17.51	17.51	19	0.1
1.4	256QAM	1	3	17.46	17.47	17.39		
1.4	256QAM	1	5	17.36	17.55	17.52		
1.4	256QAM	3	0	17.50	17.47	17.43		
1.4	256QAM	3	1	17.41	17.60	17.54		
1.4	256QAM	3	3	17.54	17.49	17.43		
1.4	256QAM	6	0	17.53	17.47	17.42	19	0.1

Band 4 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.97	18.05	17.79	19.2	0
20	QPSK	1	49	17.91	17.96	17.85		
20	QPSK	1	99	17.90	17.97	17.83		
20	QPSK	50	0	17.96	17.97	17.80		
20	QPSK	50	24	17.81	17.90	17.78		
20	QPSK	50	50	17.94	17.85	17.88		
20	QPSK	100	0	17.81	17.97	17.88		
20	16QAM	1	0	17.88	17.90	17.96		
20	16QAM	1	49	17.93	17.86	17.85		
20	16QAM	1	99	17.79	17.93	17.78		
20	16QAM	50	0	17.91	17.89	17.84		
20	16QAM	50	24	17.82	17.81	17.87		
20	16QAM	50	50	17.89	17.87	17.80		
20	16QAM	100	0	17.93	17.99	17.80		
20	64QAM	1	0	17.94	17.90	17.91		
20	64QAM	1	49	17.94	17.91	17.86		
20	64QAM	1	99	17.92	17.96	17.84		
20	64QAM	50	0	17.94	17.89	17.78		
20	64QAM	50	24	17.90	17.95	17.82		
20	64QAM	50	50	17.91	17.92	17.86		
20	64QAM	100	0	17.90	17.95	17.84		
20	256QAM	1	0	17.69	17.73	17.70		
20	256QAM	1	49	17.69	17.62	17.60	19	0.2
20	256QAM	1	99	17.61	17.78	17.66		
20	256QAM	50	0	17.72	17.69	17.65		
20	256QAM	50	24	17.67	17.80	17.69	19	0.2
20	256QAM	50	50	17.72	17.68	17.65		
20	256QAM	100	0	17.73	17.74	17.61		
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.88	17.99	17.74	19.2	0
15	QPSK	1	37	17.82	17.91	17.71		
15	QPSK	1	74	17.81	17.74	17.69		
15	QPSK	36	0	17.84	17.73	17.64		
15	QPSK	36	20	17.68	17.86	17.69		
15	QPSK	36	39	17.83	17.95	17.80		
15	QPSK	75	0	17.71	17.82	17.84		
15	16QAM	1	0	17.73	17.78	17.83		
15	16QAM	1	37	17.88	17.74	17.81	19.2	0
15	16QAM	1	74	17.69	17.87	17.67		
15	16QAM	36	0	17.85	17.85	17.70		
15	16QAM	36	20	17.69	17.76	17.74	19.2	0
15	16QAM	36	39	17.82	17.80	17.67		
15	16QAM	75	0	17.78	17.94	17.70		
15	64QAM	1	0	17.86	17.81	17.85		
15	64QAM	1	37	17.87	17.83	17.71	19.2	0
15	64QAM	1	74	17.80	17.87	17.70		
15	64QAM	36	0	17.82	17.79	17.68		
15	64QAM	36	20	17.81	17.89	17.77	19.2	0
15	64QAM	36	39	17.79	17.78	17.75		
15	64QAM	75	0	17.82	17.84	17.78		
15	256QAM	1	0	17.57	17.60	17.65	19	0.2
15	256QAM	1	37	17.55	17.48	17.46		
15	256QAM	1	74	17.54	17.68	17.57		
15	256QAM	36	0	17.59	17.57	17.52		
15	256QAM	36	20	17.53	17.70	17.55	19	0.2
15	256QAM	36	39	17.66	17.53	17.54		
15	256QAM	75	0	17.66	17.64	17.52		
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.93	17.89	17.71	19.2	0
10	QPSK	1	25	17.84	17.84	17.70		
10	QPSK	1	49	17.76	17.71	17.67		
10	QPSK	25	0	17.84	17.75	17.65		
10	QPSK	25	12	17.76	17.78	17.64		
10	QPSK	25	25	17.84	17.96	17.82		
10	QPSK	50	0	17.66	17.91	17.75		
10	16QAM	1	0	17.73	17.76	17.81		
10	16QAM	1	25	17.88	17.70	17.77	19.2	0
10	16QAM	1	49	17.67	17.81	17.83		
10	16QAM	25	0	17.83	17.78	17.72		
10	16QAM	25	12	17.74	17.70	17.79	19.2	0
10	16QAM	25	25	17.75	17.78	17.65		
10	16QAM	50	0	17.88	17.93	17.72		
10	64QAM	1	0	17.90	17.79	17.79		
10	64QAM	1	25	17.80	17.85	17.77	19.2	0
10	64QAM	1	49	17.81	17.83	17.79		
10	64QAM	25	0	17.82	17.75	17.69		
10	64QAM	25	12	17.75	17.82	17.67	19.2	0
10	64QAM	25	25	17.84	17.82	17.70		
10	64QAM	50	0	17.74	17.90	17.78		
10	256QAM	1	0	17.62	17.59	17.62	19	0.2
10	256QAM	1	25	17.62	17.49	17.45		
10	256QAM	1	49	17.51	17.72	17.60		
10	256QAM	25	0	17.58	17.58	17.50	19	0.2
10	256QAM	25	12	17.59	17.68	17.56		
10	256QAM	25	25	17.61	17.58	17.55		
10	256QAM	50	0	17.66	17.70	17.57		
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.88	17.99	17.69	19.2	0
5	QPSK	1	12	17.80	17.83	17.73		
5	QPSK	1	24	17.77	17.77	17.76		
5	QPSK	12	0	17.81	17.70	17.70		
5	QPSK	12	7	17.70	17.77	17.62	19.2	0
5	QPSK	12	13	17.87	17.91	17.74		
5	QPSK	25	0	17.70	17.86	17.73		
5	16QAM	1	0	17.73	17.83	17.87		
5	16QAM	1	12	17.79	17.73	17.73	19.2	0
5	16QAM	1	24	17.63	17.85	17.74		
5	16QAM	12	0	17.75	17.83	17.76		
5	16QAM	12	7	17.77	17.73	17.72	19.2	0
5	16QAM	12	13	17.75	17.77	17.70		
5	16QAM	25	0	17.84	17.89	17.73		
5	64QAM	1	0	17.65	17.79	17.86		
5	64QAM	1	12	17.84	17.84	17.75	19.2	0
5	64QAM	1	24	17.82	17.80	17.77		
5	64QAM	12	0	17.82	17.82	17.65		
5	64QAM	12	7	17.81	17.84	17.74	19.2	0
5	64QAM	12	13	17.76	17.85	17.79		
5	64QAM	25	0	17.76	17.87	17.76		
5	256QAM	1	0	17.62	17.60	17.62	19	0.2
5	256QAM	1	12	17.54	17.47	17.48		
5	256QAM	1	24	17.56	17.63	17.59		
5	256QAM	12	0	17.58	17.60	17.57	19	0.2
5	256QAM	12	7	17.52	17.75	17.61		
5	256QAM	12	13	17.64	17.57	17.55		
5	256QAM	25	0	17.65	17.60	17.52		
Channel				19950	20175	20325		
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.89	17.90	17.74	19.2	0
3	QPSK	1	8	17.76	17.88	17.76		
3	QPSK	1	14	17.75	17.72	17.78		
3	QPSK	8	0	17.91	17.70	17.74		
3	QPSK	8	4	17.74	17.74	17.63	19.2	0
3	QPSK	8	7	17.84	17.92	17.77		
3	QPSK	15	0	17.72	17.83	17.80		
3	16QAM	1	0	17.76	17.75	17.91		
3	16QAM	1	8	17.88	17.73	17.70	19.2	0
3	16QAM	1	14	17.72	17.80	17.74		
3	16QAM	8	0	17.78	17.81	17.75		
3	16QAM	8	4	17.71	17.75	17.79	19.2	0
3	16QAM	8	7	17.74	17.81	17.72		
3	16QAM	15	0	17.88	17.92	17.74		
3	64QAM	1	0	17.86	17.84	17.87		
3	64QAM	1	8	17.83	17.87	17.79	19.2	0
3	64QAM	1	14	17.76	17.84	17.73		
3	64QAM	8	0	17.86	17.78	17.72		
3	64QAM	8	4	17.76	17.86	17.71	19.2	0
3	64QAM	8	7	17.85	17.76	17.72		
3	64QAM	15	0	17.78	17.87	17.77		
3	256QAM	1	0	17.58	17.60	17.63	19	0.2
3	256QAM	1	8	17.55	17.50	17.44		
3	256QAM	1	14	17.51	17.73	17.59		
3	256QAM	8	0	17.57	17.64	17.49	19	0.2
3	256QAM	8	4	17.53	17.69	17.59		
3	256QAM	8	7	17.56	17.60	17.52		
3	256QAM	15	0	17.61	17.60	17.50		
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.82	17.98	17.63	19.2	0
1.4	QPSK	1	3	17.76	17.86	17.78		
1.4	QPSK	1	5	17.75	17.78	17.74		
1.4	QPSK	3	0	17.87	17.67	17.70		
1.4	QPSK	3	1	17.72	17.77	17.69		
1.4	QPSK	3	3	17.81	17.88	17.72		
1.4	QPSK	6	0	17.67	17.89	17.80	19.2	0
1.4	16QAM	1	0	17.75	17.82	17.86	19.2	0
1.4	16QAM	1	3	17.84	17.81	17.75		
1.4	16QAM	1	5	17.73	17.79	17.68		
1.4	16QAM	3	0	17.87	17.79	17.70		
1.4	16QAM	3	1	17.71	17.74	17.81		
1.4	16QAM	3	3	17.84	17.76	17.65		
1.4	16QAM	6	0	17.80	17.86	17.66	19.2	0
1.4	64QAM	1	0	17.79	17.86	17.78	19.2	0
1.4	64QAM	1	3	17.88	17.83	17.75		
1.4	64QAM	1	5	17.79	17.83	17.69		
1.4	64QAM	3	0	17.82	17.79	17.67		
1.4	64QAM	3	1	17.82	17.80	17.72		
1.4	64QAM	3	3	17.75	17.82	17.74		
1.4	64QAM	6	0	17.80	17.80	17.78	19.2	0
1.4	256QAM	1	0	17.57	17.63	17.57	19	0.2
1.4	256QAM	1	3	17.57	17.53	17.46		
1.4	256QAM	1	5	17.52	17.64	17.59		
1.4	256QAM	3	0	17.58	17.61	17.52		
1.4	256QAM	3	1	17.51	17.68	17.64		
1.4	256QAM	3	3	17.66	17.54	17.56		
1.4	256QAM	6	0	17.64	17.61	17.48	19	0.2

Band 7 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.93	17.99	17.98	19.3	0
20	QPSK	1	49	17.84	17.96	17.83		
20	QPSK	1	99	17.84	17.89	17.81		
20	QPSK	50	0	17.87	17.95	17.82		
20	QPSK	50	24	17.94	17.88	17.80		
20	QPSK	50	50	17.83	17.92	17.88		
20	QPSK	100	0	17.90	17.97	17.81		
20	16QAM	1	0	17.94	17.96	17.87		
20	16QAM	1	49	17.94	17.95	17.84		
20	16QAM	1	99	17.85	17.97	17.84		
20	16QAM	50	0	17.83	17.94	17.81		
20	16QAM	50	24	17.84	17.95	17.87		
20	16QAM	50	50	17.95	17.95	17.82		
20	16QAM	100	0	17.83	17.89	17.90		
20	64QAM	1	0	17.86	17.90	17.87		
20	64QAM	1	49	17.83	17.88	17.90		
20	64QAM	1	99	17.94	17.88	17.85		
20	64QAM	50	0	17.92	17.97	17.88		
20	64QAM	50	24	17.93	17.89	17.90		
20	64QAM	50	50	17.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.06	18.20	18.08		
20	QPSK	1	49	18.03	18.09	18.06	19.1	0
20	QPSK	50	0	18.02	18.12	18.11		
20	QPSK	50	0	18.08	18.15	18.13		
20	QPSK	50	24	18.01	18.11	18.13	19.1	0
20	QPSK	50	50	18.04	18.12	18.09		
20	QPSK	100	0	18.04	18.18	18.10		
20	16QAM	1	0	18.01	18.18	18.11		
20	16QAM	1	49	18.06	18.12	18.07	19.1	0
20	16QAM	1	99	18.09	18.14	18.09		
20	16QAM	50	0	18.12	18.13	18.12		
20	16QAM	50	24	18.12	18.12	18.08	19.1	0
20	16QAM	50	50	18.01	18.11	18.14		
20	16QAM	100	0	18.02	18.09	18.16		
20	64QAM	1	0	18.05	18.12	18.05		
20	64QAM	1	49	18.07	18.11	18.05	19.1	0
20	64QAM	1	99	18.07	18.14	18.06		
20	64QAM	50	0	18.09	18.19	18.13		
20	64QAM	50	24	18.03	18.08	18.13	19.1	0
20	64QAM	50	50	18.12	18.13	18.08		
20	64QAM	100	0	18.07	18.13	18.07		
20	256QAM	1	0	17.92	18.05	18.01		
20	256QAM	1	49	18.01	18.11	18.00	19	0.1
20	256QAM	1	99	17.95	18.09	17.96		
20	256QAM	50	0	17.95	18.10	17.98		
20	256QAM	50	24	17.97	18.12	17.95	19	0.1
20	256QAM	50	50	17.97	18.08	17.97		
20	256QAM	100	0	18.00	18.12	18.02		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.98	18.15	17.99		
15	QPSK	1	37	17.93	17.96	17.91	19.1	0
15	QPSK	1	74	17.96	18.07	18.02		
15	QPSK	36	0	17.97	18.07	18.00		
15	QPSK	36	20	17.96	18.13	18.08	19.1	0
15	QPSK	36	39	17.99	18.06	18.04		
15	QPSK	75	0	17.88	18.07	18.04		
15	16QAM	1	0	17.96	18.08	18.07		
15	16QAM	1	37	17.93	18.06	18.01	19.1	0
15	16QAM	1	74	17.95	18.01	18.03		
15	16QAM	36	0	18.03	17.98	18.00		
15	16QAM	36	20	18.04	18.07	17.95	19.1	0
15	16QAM	36	39	17.91	18.07	17.98		
15	16QAM	75	0	17.92	17.98	18.01		
15	64QAM	1	0	17.96	18.04	17.97		
15	64QAM	1	37	17.98	18.01	18.00	19.1	0
15	64QAM	1	74	18.02	18.00	17.95		
15	64QAM	36	0	17.95	18.07	18.04		
15	64QAM	36	20	17.89	17.94	18.04	19.1	0
15	64QAM	36	39	18.08	17.97	18.03		
15	64QAM	75	0	17.99	18.06	17.92		
15	256QAM	1	0	17.87	17.89	17.89		
15	256QAM	1	37	17.85	18.01	17.86	19	0.1
15	256QAM	1	74	17.83	17.99	17.85		
15	256QAM	36	0	17.90	18.00	17.93		
15	256QAM	36	20	17.87	18.00	17.81	19	0.1
15	256QAM	36	39	17.82	18.01	17.90		
15	256QAM	75	0	17.95	18.02	17.89		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.01	18.05	17.93		
10	QPSK	1	25	17.94	17.98	17.93	19.1	0
10	QPSK	1	49	17.94	17.97	18.02		
10	QPSK	25	0	17.98	18.00	18.01		
10	QPSK	25	12	17.89	18.15	18.03	19.1	0
10	QPSK	25	25	17.91	18.03	17.96		
10	QPSK	50	0	17.98	18.09	18.04		
10	16QAM	1	0	17.97	18.07	18.07		
10	16QAM	1	25	18.01	18.03	18.01	19.1	0
10	16QAM	1	49	18.01	18.09	17.97		
10	16QAM	25	0	17.96	17.97	17.97		
10	16QAM	25	12	17.97	17.99	18.03	19.1	0
10	16QAM	25	25	17.95	18.02	18.03		
10	16QAM	50	0	17.96	17.95	18.03		
10	64QAM	1	0	17.98	17.96	18.00		
10	64QAM	1	25	17.92	17.98	18.01	19.1	0
10	64QAM	1	49	18.02	18.10	17.93		
10	64QAM	25	0	17.99	18.11	18.01		
10	64QAM	25	12	17.95	18.01	18.07	19.1	0
10	64QAM	25	25	17.97	18.02	17.94		
10	64QAM	50	0	18.00	18.02	17.94		
10	256QAM	1	0	17.81	17.99	17.95		
10	256QAM	1	25	17.85	17.98	17.96	19	0.1
10	256QAM	1	49	17.91	17.95	17.84		
10	256QAM	25	0	17.87	18.02	17.91		
10	256QAM	25	12	17.83	18.01	17.84	19	0.1
10	256QAM	25	25	17.83	17.95	17.87		
10	256QAM	50	0	17.95	18.06	17.88		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.90	18.08	18.03		
5	QPSK	1	12	17.94	17.98	17.91	19.1	0
5	QPSK	1	24	17.90	18.02	17.97		
5	QPSK	12	0	17.95	18.02	18.07		
5	QPSK	12	7	17.88	18.10	17.99	19.1	0
5	QPSK	12	13	17.99	18.04	17.99		
5	QPSK	25	0	17.89	18.08	17.94		
5	16QAM	1	0	17.96	18.11	18.02		
5	16QAM	1	12	18.00	18.05	18.00	19.1	0
5	16QAM	1	24	18.05	18.07	17.97		
5	16QAM	12	0	18.00	18.04	17.98		
5	16QAM	12	7	17.97	18.07	17.95	19.1	0
5	16QAM	12	13	17.89	18.05	18.05		
5	16QAM	25	0	17.90	18.00	18.05		
5	64QAM	1	0	17.97	18.04	17.97		
5	64QAM	1	12	17.98	17.99	17.98	19.1	0
5	64QAM	1	24	17.96	18.08	17.94		
5	64QAM	12	0	17.97	18.06	17.97		
5	64QAM	12	7	17.92	17.92	18.09	19.1	0
5	64QAM	12	13	18.06	18.08	17.93		
5	64QAM	25	0	17.98	18.06	17.95		
5	256QAM	1	0	17.76	17.91	17.97		
5	256QAM	1	12	17.90	18.00	17.86	19	0.1
5	256QAM	1	24	17.79	17.98	17.91		
5	256QAM	12	0	17.88	18.02	17.94		
5	256QAM	12	7	17.83	18.05	17.91	19	0.1
5	256QAM	12	13	17.88	17.95	17.82		
5	256QAM	25	0	17.88	17.99	17.86		
Channel				26025	26340	26655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.01	18.13	17.93		
3	QPSK	1	8	17.94	17.95	18.01	19.1	0
3	QPSK	1	14	17.91	17.98	18.01		
3	QPSK	8	0	18.01	18.08	18.07		
3	QPSK	8	4	17.86	18.08	18.08	19.1	0
3	QPSK	8	7	17.99	18.05	18.04		
3	QPSK	15	0	17.99	18.03	18.04		
3	16QAM	1	0	17.94	18.03	17.99		
3	16QAM	1	8	17.95	18.06	17.94	19.1	0
3	16QAM	1	14	18.04	18.06	17.95		
3	16QAM	8	0	18.05	18.02	17.96		
3	16QAM	8	4	18.07	18.05	18.04	19.1	0
3	16QAM	8	7	17.89	18.00	18.06		
3	16QAM	15	0	17.91	17.94	18.11		
3	64QAM	1	0	17.94	18.06	17.96		
3	64QAM	1	8	17.92	17.95	18.00	19.1	0
3	64QAM	1	14	18.02	18.03	17.98		
3	64QAM	8	0	18.03	18.13	18.01		
3	64QAM	8	4	17.96	17.94	18.02	19.1	0
3	64QAM	8	7	18.04	18.03	17.98		
3	64QAM	15	0	18.01	18.07	17.94		
3	256QAM	1	0	17.78	17.90	17.97		
3	256QAM	1	8	17.95	18.00	17.84	19	0.1
3	256QAM	1	14	17.81	18.00	17.83		
3	256QAM	8	0	17.83	17.99	17.88		
3	256QAM	8	4	17.85	18.07	17.86	19	0.1
3	256QAM	8	7	17.86	17.97	17.85		
3	256QAM	15	0	17.87	18.04	17.96		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.02	18.12	17.99		
1.4	QPSK	1	3	17.91	18.02	17.94		
1.4	QPSK	1	5	17.95	17.97	17.99	19.1	0
1.4	QPSK	3	0	18.01	18.03	17.98		
1.4	QPSK	3	1	17.94	18.10	17.98		
1.4	QPSK	3	3	17.89	18.13	18.04		
1.4	QPSK	6	0	17.89	18.10	17.98	19.1	0
1.4	16QAM	1	0	17.86	18.09	18.01		
1.4	16QAM	1	3	17.92	18.02	17.94		
1.4	16QAM	1	5	17.95	18.05	18.05	19.1	0
1.4	16QAM	3	0	18.01	18.00	17.98		
1.4	16QAM	3	1	18.02	18.05	18.00		
1.4	16QAM	3	3	17.96	18.01	18.07		
1.4	16QAM	6	0	17.90	18.00	18.11	19.1	0
1.4	64QAM	1	0	17.96	17.97	18.00		
1.4	64QAM	1	3	17.93	18.07	17.96		
1.4	64QAM	1	5	17.93	18.02	18.01	19.1	0
1.4	64QAM	3	0	17.96	18.14	18.07		
1.4	64QAM	3	1	17.93	18.02	18.09		
1.4	64QAM	3	3	18.05	18.00	17.96		
1.4	64QAM	6	0	17.98	18.08	17.99	19.1	0
1.4	256QAM	1	0	17.93	18.00	17.93		
1.4	256QAM	1	3	17.97	18.01	17.84		
1.4	256QAM	1	5	17.92	18.04	17.88	19	0.1
1.4	256QAM	3	0	17.88	17.98	17.86		
1.4	256QAM	3	1	17.96	18.05	17.91		
1.4	256QAM	3	3	17.88	18.01	17.92		
1.4	256QAM	6	0	17.95	18.05	17.93	19	0.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.45			
10	QPSK	1	25		18.22		19.4	0
10	QPSK	1	49		18.24			
10	QPSK	25	0		18.33			
10	QPSK	25	12		18.28		19.4	0
10	QPSK	25	25		18.28			
10	QPSK	50	0		18.30			
10	16QAM	1	0		18.26			
10	16QAM	1	25		18.21		19.4	0
10	16QAM	1	49		18.31			
10	16QAM	25	0		18.21			
10	16QAM	25	12		18.25		19.4	0
10	16QAM	25	25		18.25			
10	16QAM	50	0		18.20			
10	64QAM	1	0		18.27			
10	64QAM	1	25		18.28		19.4	0
10	64QAM	1	49		18.30			
10	64QAM	25	0		18.24			
10	64QAM	25	12		18.22		19.4	0
10	64QAM	25	25		18.21			
10	64QAM	50	0		18.26			
10	256QAM	1	0		17.86			
10	256QAM	1	25		17.91		19	0.4
10	256QAM	1	49		17.87			
10	256QAM	25	0		17.89			
10	256QAM	25	12		17.90		19	0.4
10	256QAM	25	25		17.91			
10	256QAM	50	0		17.85			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.29	18.32	18.36		
5	QPSK	1	12	18.08	18.17	18.09	19.4	0
5	QPSK	1	24	18.08	18.11	18.19		
5	QPSK	12	0	18.13	18.14	18.14		
5	QPSK	12	7	18.20	18.20	18.15	19.4	0
5	QPSK	12	13	18.15	18.14	18.18		
5	QPSK	25	0	18.14	18.20	18.15		
5	16QAM	1	0	18.11	18.13	18.12		
5	16QAM	1	12	18.08	18.15	18.12	19.4	0
5	16QAM	1	24	18.23	18.23	18.20		
5	16QAM	12	0	18.05	18.06	18.15		
5	16QAM	12	7	18.19	18.17	18.11	19.4	0
5	16QAM	12	13	18.11	18.10	18.20		
5	16QAM	25	0	18.12	18.07	18.09		
5	64QAM	1	0	18.13	18.18	18.19		
5	64QAM	1	12	18.19	18.13	18.18	19.4	0
5	64QAM	1	24	18.16	18.23	18.19		
5	64QAM	12	0	18.19	18.18	18.19		
5	64QAM	12	7	18.11	18.14	18.11	19.4	0
5	64QAM	12	13	18.09	18.06	18.13		
5	64QAM	25	0	18.17	18.16	18.14		
5	256QAM	1	0	17.73	17.75	17.72		
5	256QAM	1	12	17.82	17.86	17.76	19	0.4
5	256QAM	1	24	17.74	17.76	17.72		
5	256QAM	12	0	17.82	17.74	17.77		
5	256QAM	12	7	17.74	17.85	17.76	19	0.4
5	256QAM	12	13	17.86	17.86	17.77		
5	256QAM	25	0	17.77	17.71	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.01	18.18	17.90		
20	QPSK	1	49	18.01	18.02	17.98	19.2	0
20	QPSK	50	0	18.04	18.00	17.91		
20	QPSK	50	0	18.05	18.09	17.90		
20	QPSK	50	24	17.96	18.00	17.93	19.2	0
20	QPSK	50	50	18.03	18.05	17.94		
20	QPSK	100	0	17.94	18.02	17.95		
20	16QAM	1	0	17.96	17.97	18.00		
20	16QAM	1	49	18.04	17.97	17.99	19.2	0
20	16QAM	1	99	17.95	18.02	17.93		
20	16QAM	50	0	17.97	18.04	17.89		
20	16QAM	50	24	17.96	17.96	17.93	19.2	0
20	16QAM	50	50	17.97	17.99	17.95		
20	16QAM	100	0	18.05	18.06	17.92		
20	64QAM	1	0	17.98	18.05	17.98		
20	64QAM	1	49	18.00	17.99	17.94	19.2	0
20	64QAM	1	99	17.97	18.01	17.97		
20	64QAM	50	0	18.02	17.99	17.90		
20	64QAM	50	24	17.94	17.99	17.92	19.2	0
20	64QAM	50	50	18.01	18.03	17.96		
20	64QAM	100	0	18.04	18.01	17.94		
20	256QAM	1	0	17.81	17.83	17.78		
20	256QAM	1	49	17.82	17.77	17.71	19	0.2
20	256QAM	1	99	17.74	17.86	17.77		
20	256QAM	50	0	17.77	17.80	17.79		
20	256QAM	50	24	17.80	17.85	17.81	19	0.2
20	256QAM	50	50	17.77	17.82	17.72		
20	256QAM	100	0	17.82	17.80	17.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.86	18.11	17.82		
15	QPSK	1	37	17.95	17.90	17.89	19.2	0
15	QPSK	1	74	17.96	17.95	17.81		
15	QPSK	36	0	17.94	17.83	17.76		
15	QPSK	36	20	17.83	17.87	17.88	19.2	0
15	QPSK	36	39	17.91	18.01	17.89		
15	QPSK	75	0	17.79	17.93	17.89		
15	16QAM	1	0	17.84	17.86	17.90		
15	16QAM	1	37	17.98	17.82	17.87	19.2	0
15	16QAM	1	74	17.80	17.91	17.78		
15	16QAM	36	0	17.81	17.94	17.80		
15	16QAM	36	20	17.82	17.88	17.89	19.2	0
15	16QAM	36	39	17.88	17.85	17.82		
15	16QAM	75	0	17.93	17.98	17.82		
15	64QAM	1	0	17.86	18.00	17.93		
15	64QAM	1	37	17.95	17.91	17.89	19.2	0
15	64QAM	1	74	17.90	17.95	17.90		
15	64QAM	36	0	17.88	17.89	17.80		
15	64QAM	36	20	17.79	17.83	17.82	19.2	0
15	64QAM	36	39	17.87	17.87	17.81		
15	64QAM	75	0	17.90	17.88	17.82		
15	256QAM	1	0	17.73	17.74	17.64		
15	256QAM	1	37	17.71	17.67	17.55	19	0.2
15	256QAM	1	74	17.59	17.69	17.69		
15	256QAM	36	0	17.66	17.68	17.64		
15	256QAM	36	20	17.69	17.73	17.75	19	0.2
15	256QAM	36	39	17.64	17.69	17.65		
15	256QAM	75	0	17.66	17.66	17.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.89	18.13	17.80		
10	QPSK	1	25	17.93	17.94	17.90	19.2	0
10	QPSK	1	49	17.90	17.90	17.82		
10	QPSK	25	0	17.94	17.86	17.81		
10	QPSK	25	12	17.88	17.91	17.80	19.2	0
10	QPSK	25	25	17.97	18.01	17.90		
10	QPSK	50	0	17.85	17.89	17.80		
10	16QAM	1	0	17.85	17.84	17.93		
10	16QAM	1	25	17.89	17.92	17.94	19.2	0
10	16QAM	1	49	17.79	17.92	17.79		
10	16QAM	25	0	17.89	17.95	17.82		
10	16QAM	25	12	17.84	17.87	17.83	19.2	0
10	16QAM	25	25	17.91	17.84	17.83		
10	16QAM	50	0	17.96	17.99	17.83		
10	64QAM	1	0	17.91	18.00	17.86		
10	64QAM	1	25	17.87	17.89	17.84	19.2	0
10	64QAM	1	49	17.86	17.97	17.90		
10	64QAM	25	0	17.92	17.87	17.85		
10	64QAM	25	12	17.85	17.92	17.76	19.2	0
10	64QAM	25	25	17.93	17.98	17.81		
10	64QAM	50	0	17.91	17.93	17.79		
10	256QAM	1	0	17.76	17.69	17.72		
10	256QAM	1	25	17.69	17.69	17.64	19	0.2
10	256QAM	1	49	17.64	17.72	17.69		
10	256QAM	25	0	17.71	17.73	17.68		
10	256QAM	25	12	17.65	17.69	17.66	19	0.2
10	256QAM	25	25	17.70	17.74	17.63		
10	256QAM	50	0	17.69	17.75	17.65		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.93	18.09	17.80		
5	QPSK	1	12	17.86	17.93	17.91	19.2	0
5	QPSK	1	24	17.89	17.87	17.76		
5	QPSK	12	0	17.90	17.82	17.82		
5	QPSK	12	7	17.90	17.93	17.79	19.2	0
5	QPSK	12	13	17.97	17.96	17.87		
5	QPSK	25	0	17.78	17.96	17.85		
5	16QAM	1	0	17.87	17.88	17.95		
5	16QAM	1	12	17.88	17.83	17.86	19.2	0
5	16QAM	1	24	17.84	17.92	17.83		
5	16QAM	12	0	17.85	17.97	17.74		
5	16QAM	12	7	17.85	17.90	17.83	19.2	0
5	16QAM	12	13	17.91	17.89	17.90		
5	16QAM	25	0	17.93	17.94	17.79		
5	64QAM	1	0	17.88	17.97	17.86		
5	64QAM	1	12	17.94	17.88	17.80	19.2	0
5	64QAM	1	24	17.92	17.88	17.83		
5	64QAM	12	0	17.91	17.83	17.86		
5	64QAM	12	7	17.85	17.86	17.88	19.2	0
5	64QAM	12	13	17.91	17.88	17.87		
5	64QAM	25	0	17.98	17.92	17.88		
5	256QAM	1	0	17.74	17.77	17.66		
5	256QAM	1	12	17.76	17.72	17.64	19	0.2
5	256QAM	1	24	17.58	17.82	17.62		
5	256QAM	12	0	17.62	17.72	17.71		
5	256QAM	12	7	17.65	17.75	17.71	19	0.2
5	256QAM	12	13	17.70	17.72	17.65		
5	256QAM	25	0	17.71	17.69	17.58		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.90	18.11	17.77		
3	QPSK	1	8	17.94	17.91	17.83	19.2	0
3	QPSK	1	14	17.93	17.95	17.77		
3	QPSK	8	0	17.95	17.87	17.83		
3	QPSK	8	4	17.89	17.85	17.85	19.2	0
3	QPSK	8	7	17.98	17.92	17.88		
3	QPSK	15	0	17.83	17.90	17.87		
3	16QAM	1	0	17.83	17.87	17.93		
3	16QAM	1	8	17.95	17.82	17.90	19.2	0
3	16QAM	1	14	17.80	17.97	17.76		
3	16QAM	8	0	17.88	17.90	17.74		
3	16QAM	8	4	17.82	17.86	17.84	19.2	0
3	16QAM	8	7	17.92	17.88	17.86		
3	16QAM	15	0	17.99	18.01	17.78		
3	64QAM	1	0	17.92	17.95	17.87		
3	64QAM	1	8	17.94	17.92	17.80	19.2	0
3	64QAM	1	14	17.83	17.96	17.87

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.95	19.99	19.84	21.1	0
20	QPSK	1	49	19.90	19.91	19.83		
20	QPSK	1	99	19.89	19.87	19.84		
20	QPSK	50	0	19.88	19.95	19.76	21.1	0
20	QPSK	50	24	19.79	19.94	19.69		
20	QPSK	50	50	19.82	19.90	19.84		
20	QPSK	100	0	19.80	19.83	19.81		
20	16QAM	1	0	19.91	19.90	19.76	21.1	0
20	16QAM	1	49	19.86	19.84	19.79		
20	16QAM	1	99	19.81	19.80	19.91		
20	16QAM	50	0	19.85	19.92	19.81	21.1	0
20	16QAM	50	24	19.89	19.88	19.88		
20	16QAM	50	50	19.81	19.98	19.90		
20	16QAM	100	0	19.78	19.86	19.80		
20	64QAM	1	0	19.80	19.86	19.82	21.1	0
20	64QAM	1	49	19.81	19.87	19.79		
20	64QAM	1	99	19.90	19.85	19.90		
20	64QAM	50	0	19.84	19.92	19.70	21.1	0
20	64QAM	50	24	19.90	19.93	19.85		
20	64QAM	50	50	19.90	19.81	19.84		
20	64QAM	100	0	19.91	19.83	19.80		
20	256QAM	1	0	18.76	18.82	18.69	20	1.1
20	256QAM	1	49	18.71	18.80	18.70		
20	256QAM	1	99	18.73	18.70	18.74		
20	256QAM	50	0	18.70	18.83	18.77	20	1.1
20	256QAM	50	24	18.72	18.76	18.72		
20	256QAM	50	50	18.81	18.82	18.76		
20	256QAM	100	0	18.74	18.73	18.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.90	19.85	19.79	21.1	0
15	QPSK	1	37	19.84	19.82	19.72		
15	QPSK	1	74	19.76	19.75	19.77		
15	QPSK	36	0	19.76	19.86	19.61	21.1	0
15	QPSK	36	20	19.68	19.89	19.58		
15	QPSK	36	39	19.69	19.79	19.73		
15	QPSK	75	0	19.70	19.78	19.69		
15	16QAM	1	0	19.79	19.74	19.61	21.1	0
15	16QAM	1	37	19.70	19.74	19.66		
15	16QAM	1	74	19.70	19.71	19.77		
15	16QAM	36	0	19.72	19.77	19.74	21.1	0
15	16QAM	36	20	19.74	19.77	19.72		
15	16QAM	36	39	19.73	19.93	19.76		
15	16QAM	75	0	19.70	19.74	19.66		
15	64QAM	1	0	19.74	19.75	19.71	21.1	0
15	64QAM	1	37	19.70	19.83	19.73		
15	64QAM	1	74	19.85	19.81	19.78		
15	64QAM	36	0	19.73	19.86	19.62	21.1	0
15	64QAM	36	20	19.80	19.78	19.79		
15	64QAM	36	39	19.81	19.67	19.68		
15	64QAM	75	0	19.80	19.73	19.75		
15	256QAM	1	0	18.63	18.71	18.53	20	1.1
15	256QAM	1	37	18.67	18.70	18.63		
15	256QAM	1	74	18.65	18.54	18.67		
15	256QAM	36	0	18.65	18.72	18.71	20	1.1
15	256QAM	36	20	18.57	18.62	18.65		
15	256QAM	36	39	18.70	18.75	18.71		
15	256QAM	75	0	18.59	18.62	18.53		
Channel				37500	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.82	19.87	19.75	21.1	0
10	QPSK	1	25	19.75	19.82	19.74		
10	QPSK	1	49	19.74	19.78	19.79		
10	QPSK	25	0	19.81	19.84	19.62	21.1	0
10	QPSK	25	12	19.65	19.80	19.63		
10	QPSK	25	25	19.72	19.80	19.72		
10	QPSK	50	0	19.71	19.75	19.70		
10	16QAM	1	0	19.84	19.84	19.69	21.1	0
10	16QAM	1	25	19.81	19.79	19.65		
10	16QAM	1	49	19.67	19.72	19.85		
10	16QAM	25	0	19.76	19.78	19.73	21.1	0
10	16QAM	25	12	19.79	19.77	19.72		
10	16QAM	25	25	19.74	19.92	19.85		
10	16QAM	50	0	19.73	19.74	19.71		
10	64QAM	1	0	19.71	19.76	19.75	21.1	0
10	64QAM	1	25	19.74	19.72	19.65		
10	64QAM	1	49	19.82	19.80	19.79		
10	64QAM	25	0	19.76	19.79	19.64	21.1	0
10	64QAM	25	12	19.77	19.80	19.74		
10	64QAM	25	25	19.85	19.65	19.76		
10	64QAM	50	0	19.76	19.74	19.68		
10	256QAM	1	0	18.62	18.72	18.53	20	1.1
10	256QAM	1	25	18.58	18.72	18.61		
10	256QAM	1	49	18.69	18.58	18.63		
10	256QAM	25	0	18.57	18.71	18.70	20	1.1
10	256QAM	25	12	18.64	18.61	18.60		
10	256QAM	25	25	18.70	18.70	18.72		
10	256QAM	50	0	18.67	18.64	18.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.87	19.91	19.70	21.1	0
5	QPSK	1	12	19.81	19.78	19.72		
5	QPSK	1	24	19.84	19.77	19.69		
5	QPSK	12	0	19.75	19.86	19.66	21.1	0
5	QPSK	12	7	19.63	19.79	19.58		
5	QPSK	12	13	19.69	19.81	19.72		
5	QPSK	25	0	19.76	19.67	19.66		
5	16QAM	1	0	19.78	19.86	19.60	21.1	0
5	16QAM	1	12	19.77	19.74	19.67		
5	16QAM	1	24	19.69	19.73	19.78		
5	16QAM	12	0	19.75	19.76	19.65	21.1	0
5	16QAM	12	7	19.78	19.82	19.81		
5	16QAM	12	13	19.73	19.94	19.78		
5	16QAM	25	0	19.72	19.75	19.73		
5	64QAM	1	0	19.70	19.82	19.74	21.1	0
5	64QAM	1	12	19.75	19.78	19.66		
5	64QAM	1	24	19.83	19.77	19.76		
5	64QAM	12	0	19.71	19.82	19.64	21.1	0
5	64QAM	12	7	19.82	19.86	19.70		
5	64QAM	12	13	19.85	19.72	19.75		
5	64QAM	25	0	19.79	19.73	19.65		
5	256QAM	1	0	18.67	18.69	18.57	20	1.1
5	256QAM	1	12	18.66	18.66	18.64		
5	256QAM	1	24	18.66	18.61	18.66		
5	256QAM	12	0	18.56	18.75	18.61	20	1.1
5	256QAM	12	7	18.63	18.69	18.58		
5	256QAM	12	13	18.75	18.75	18.69		
5	256QAM	25	0	18.70	18.58	18.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.85	20.01	20.05	19.91	19.84	21.1	0
20	QPSK	1	49	19.94	19.99	19.98	19.96	19.88		
20	QPSK	1	99	19.93	19.94	19.95	19.92	19.88		
20	QPSK	50	0	19.84	19.93	20.03	19.91	19.88	21.1	0
20	QPSK	50	24	19.91	19.90	20.00	19.85	19.82		
20	QPSK	50	50	19.92	19.95	19.96	19.96	19.86		
20	QPSK	100	0	19.94	19.92	19.95	19.89	19.82		
20	16QAM	1	0	19.92	19.95	19.96	19.86	19.90	21.1	0
20	16QAM	1	49	19.93	20.01	19.94	19.87	19.87		
20	16QAM	1	99	19.91	19.94	19.95	19.95	19.90		
20	16QAM	50	0	19.89	19.93	20.04	19.87	19.83	21.1	0
20	16QAM	50	24	19.84	20.01	20.00	19.94	19.85		
20	16QAM	50	50	19.83	19.93	20.03	19.95	19.84		
20	16QAM	100	0	19.94	19.92	19.95	19.92	19.81		
20	64QAM	1	0	19.89	19.95	19.96	19.93	19.89	21.1	0
20	64QAM	1	49	19.83	19.94	19.93	19.89	19.91		
20	64QAM	1	99	19.93	19.97	19.93	19.96	19.88		
20	64QAM	50	0	19.88	19.90	20.04	19.86	19.92	21.1	0
20	64QAM	50	24	19.94	19.96	19.99	19.94	19.87		
20	64QAM	50	50	19.92	19.94	19.96	19.97	19.89		
20	64QAM	100	0	19.91	19.95	19.94	19.88	19.89		
20	256QAM	1	0	18.84	18.91	18.90	18.80	18.78	20	1.1
20	256QAM	1	49	18.76	18.80	18.92	18.86	18.77		
20	256QAM	1	99	18.84	18.84	18.86	18.84	18.72		
20	256QAM	50	0	18.80	18.83	18.90	18.85	18.74	20	1.1
20	256QAM	50	24	18.85	18.83	18.88	18.87	18.79		
20	256QAM	50	50	18.80	18.87	18.88	18.82	18.74		
20	256QAM	100	0	18.84	18.81	18.83	18.80	18.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.77	19.93	19.88	19.87	19.69	21	0
15	QPSK	1	37	19.89	19.89	19.89	19.91	19.81		
15	QPSK	1	74	19.89	19.86	19.91	19.81	19.80		
15	QPSK	36	0	19.76	19.88	19.90	19.77	19.76	21.1	0
15	QPSK	36	20	19.83	19.75	19.92	19.71	19.69		
15	QPSK	36	39	19.76	19.89	19.82	19.83	19.73		
15	QPSK	75	0	19.86	19.84	19.83	19.78	19.78		
15	16QAM	1	0	19.83	19.89	19.87	19.72	19.84	21.1	0
15	16QAM	1	37	19.88	19.95	19.82	19.83	19.80		
15	16QAM	1	74	19.76	19.79	19.82	19.83	19.80		
15	16QAM	36	0	19.80	19.77	19.97	19.83	19.74	21.1	0
15	16QAM	36	20	19.74	19.90	19.94	19.82	19.76		
15	16QAM	36	39	19.69	19.89	19.93	19.81	19.73		
15	16QAM	75	0	19.85	19.87	19.80	19.84	19.73		
15	64QAM	1	0	19.82	19.83	19.87	19.87	19.77	21.1	0
15	64QAM	1	37	19.74	19.89	19.85	19.80	19.86		
15	64QAM	1	74	19.84	19.83	19.78	19.82	19.81		
15	64QAM	36	0	19.83	19.75	19.99	19.78	19.85	21.1	0
15	64QAM	36	20	19.83	19.81	19.92	19.88	19.83		
15	64QAM	36	39	19.83	19.88	19.81	19.87	19.75		
15	64QAM	75	0	19.83	19.81	19.83	19.79	19.83		
15	256QAM	1	0	18.73	18.77	18.82	18.65	18.68	20	1.1
15	256QAM	1	37	18.67	18.67	18.87	18.81	18.72		
15	256QAM	1	74	18.68	18.73	18.72	18.71	18.57		
15	256QAM	36	0	18.71	18.71	18.79	18.73	18.69	20	1.1
15	256QAM	36	20	18.79	18.71	18.78	18.79	18.64		
15	256QAM	36	39	18.68	18.77	18.76	18.68	18.59		
15	256QAM	75	0	18.70	18.76	18.71	18.75	18.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.76	19.91	19.87	19.79	19.75	21	0
10	QPSK	1	25	19.85	19.86	19.88	19.84	19.73		
10	QPSK	1	49	19.84	19.84	19.81	19.76	19.82		
10	QPSK	25	0	19.71	19.87	19.89	19.81	19.80	21.1	0
10	QPSK	25	12	19.80	19.79	19.90	19.79	19.69		
10	QPSK	25	25	19.81	19.85	19.91	19.82	19.71		
10	QPSK	50	0	19.83	19.86	19.81	19.77	19.70		
10	16QAM	1	0	19.84	19.88	19.86	19.77	19.84	21.1	0
10	16QAM	1	25	19.87	19.91	19.85	19.73	19.75		
10	16QAM	1	49	19.78	19.78	19.90	19.88	19.76		
10	16QAM	25	0	19.80	19.84	20.00	19.79	19.77	21.1	0
10	16QAM	25	12	19.72	19.86	19.91	19.86	19.78		
10	16QAM	25	25	19.73	19.77	19.92	19.90	19.77		
10	16QAM	50	0	19.90	19.88	19.89	19.81	19.66		
10	64QAM	1	0	19.80	19.89	19.86	19.82	19.77	21.1	0
10	64QAM	1	25	19.72	19.87	19.79	19.81	19.85		
10	64QAM	1	49	19.81	19.92	19.83	19.84	19.84		
10	64QAM	25	0	19.76	19.82	19.93	19.73	19.78	21.1	0
10	64QAM	25	12	19.79	19.85	19.89	19.89	19.74		
10	64QAM	25	25	19.77	19.84	19.94	19.87	19.73		
10	64QAM	50	0	19.83	19.88	19.85	19.77	19.75		
10	256QAM	1	0	18.71	18.82	18.75	18.66	18.67	20	1.1
10	256QAM	1	25	18.67	18.69	18.82	18.77	18.70		
10	256QAM	1	49	18.78	18.71	18.70	18.79	18.56		
10	256QAM	25	0	18.70	18.73	18.86	18.73	18.66	20	1.1
10	256QAM	25	12	18.72	18.74	18.83	18.73	18.75		
10	256QAM	25	25	18.68	18.74	18.75	18.74	18.61		
10	256QAM	50	0	18.71	18.70	18.70	18.75	18.72		
Channel				39675	40142	40620	41083	41550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.79	19.87	19.91	19.83	19.80	21	0
5	QPSK	1	12	19.81	19.93	19.93	19.88	19.81		
5	QPSK	1	24	19.80	19.80	19.86	19.81	19.73		
5	QPSK	12	0	19.69	19.87	19.85	19.83	19.73	21.1	0
5	QPSK	12	7	19.77	19.77	19.92	19.80	19.72		
5	QPSK	12	13	19.78	19.80	19.91	19.90	19.74		
5	QPSK	25	0	19.84	19.76	19.88	19.79	19.68		
5	16QAM	1	0	19.78	19.86	19.81	19.75	19.85	21.1	0
5	16QAM	1	12	19.83	19.91	19.90	19.79	19.73		
5	16QAM	1	24	19.77	19.85	19.90	19.80	19.77		
5	16QAM	12	0	19.74	19.81	19.91	19.80	19.75	21.1	0
5	16QAM	12	7	19.77	19.95	19.85	19.89	19.71		
5	16QAM	12	13	19.76	19.80	19.97	19.88	19.75		
5	16QAM	25	0	19.89	19.78	19.89	19.85	19.75		
5	64QAM	1	0	19.83	19.84	19.87	19.85	19.77	21.1	0
5	64QAM	1	12	19.68	19.85	19.82	19.82	19.82		
5	64QAM	1	24	19.78	19.82	19.88	19.92	19.73		
5	64QAM	12	0	19.84	19.83	19.94	19.78	19.84	21.1	0
5	64QAM	12	7	19.87	19.89	19.85	19.79	19.82		
5	64QAM	12	13	19.87	19.90	19.91	19.84	19.75		
5	64QAM	25	0	19.75	19.85	19.87	19.83	19.73		
5	256QAM	1	0	18.68	18.85	18.79	18.69	18.68	20	1.1
5	256QAM	1	12	18.68	18.73	18.86	18.70	18.68		
5	256QAM	1	24	18.71	18.70	18.77	18.79	18.67		
5	256QAM	12	0	18.72	18.72	18.84	18.69	18.69	20	1.1
5	256QAM	12	7	18.70	18.71	18.75	18.78	18.68		
5	256QAM	12	13	18.71	18.72	18.80	18.70	18.64		
5	256QAM	25	0	18.72	18.75	18.69	18.70	18.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.53	21.59	21.41	21.43	22.7	0
20	QPSK	1	49	21.49	21.51	21.44	21.44	21.43		
20	QPSK	1	99	21.40	21.39	21.44	21.48	21.43		
20	QPSK	50	0	21.35	21.46	21.53	21.38	21.39	22.7	0
20	QPSK	50	24	21.35	21.45	21.52	21.32	21.29		
20	QPSK	50	50	21.40	21.46	21.41	21.41	21.31		
20	QPSK	100	0	21.46	21.47	21.48	21.35	21.33		
20	16QAM	1	0	21.38	21.42	21.40	21.34	21.37	22.7	0
20	16QAM	1	49	21.48	21.55	21.47	21.39	21.35		
20	16QAM	1	99	21.37	21.42	21.45	21.50	21.39		
20	16QAM	50	0	21.33	21.40	21.58	21.32	21.29	22.7	0
20	16QAM	50	24	21.29	21.47	21.56	21.41	21.30		
20	16QAM	50	50	21.36	21.45	21.51	21.43	21.35		
20	16QAM	100	0	21.44	21.38	21.42	21.40	21.29		
20	64QAM	1	0	21.36	21.50	21.42	21.41	21.39	22.7	0
20	64QAM	1	49	21.29	21.45	21.40	21.37	21.46		
20	64QAM	1	99	21.48	21.41	21.48	21.44	21.33		
20	64QAM	50	0	21.41	21.35	21.55	21.38	21.43	22.7	0
20	64QAM	50	24	21.48	21.40	21.44	21.45	21.42		
20	64QAM	50	50	21.44	21.39	21.41	21.43	21.34		
20	64QAM	100	0	21.37	21.47	21.42	21.38	21.36		
20	256QAM	1	0	20.62	20.83	20.82	20.76	20.75	22	0.7
20	256QAM	1	49	20.66	20.87	20.86	20.77	20.72		
20	256QAM	1	99	20.65	20.86	20.79	20.72	20.78		
20	256QAM	50	0	20.62	20.84	20.82	20.74	20.76	22	0.7
20	256QAM	50	24	20.57	20.80	20.78	20.68	20.70		
20	256QAM	50	50	20.68	20.81	20.83	20.67	20.79		
20	256QAM	100	0	20.63	20.82	20.85	20.74	20.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.20	21.42	21.39	21.27	21.37	23	0
15	QPSK	1	37	21.42	21.37	21.30	21.29	21.29		
15	QPSK	1	74	21.32	21.28	21.31	21.39	21.29		
15	QPSK	36	0	21.30	21.41	21.40	21.34	21.23	22.7	0
15	QPSK	36	20	21.27	21.34	21.45	21.20	21.22		
15	QPSK	36	39	21.31	21.38	21.25	21.25	21.20		
15	QPSK	75	0	21.38	21.34	21.33	21.22	21.27		
15	16QAM	1	0	21.33	21.38	21.27	21.19	21.30	22.7	0
15	16QAM	1	37	21.40	21.47	21.32	21.25	21.26		
15	16QAM	1	74	21.32	21.26	21.34	21.34	21.31		
15	16QAM	36	0	21.25	21.33	21.43	21.22	21.22	22.7	0
15	16QAM	36	20	21.20	21.34	21.44	21.36	21.24		
15	16QAM	36	39	21.32	21.35	21.46	21.34	21.23		
15	16QAM	75	0	21.39	21.26	21.32	21.26	21.18		
15	64QAM	1	0	21.20	21.34	21.28	21.31	21.29	22.7	0
15	64QAM	1	37	21.21	21.35	21.24	21.22	21.39		
15	64QAM	1	74	21.42	21.30	21.36	21.31	21.26		
15	64QAM	36	0	21.35	21.25	21.44	21.23	21.35	22.7	0
15	64QAM	36	20	21.35	21.35	21.33	21.40	21.32		
15	64QAM	36	39	21.34	21.34	21.30	21.31	21.19		
15	64QAM	75	0	21.28	21.36	21.28	21.23	21.21		
15	256QAM	1	0	20.52	20.68	20.70	20.64	20.63	22	0.7
15	256QAM	1	37	20.53	20.77	20.79	20.65	20.66		
15	256QAM	1	74	20.52	20.75	20.70	20.62	20.64		
15	256QAM	36	0	20.50	20.74	20.67	20.69	20.63	22	0.7
15	256QAM	36	20	20.43	20.68	20.71	20.60	20.65		
15	256QAM	36	39	20.60	20.69	20.71	20.54	20.65		
15	256QAM	75	0	20.53	20.68	20.79	20.68	20.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.17	21.48	21.45	21.28	21.39	23	0
10	QPSK	1	25	21.45	21.46	21.34	21.35	21.33		
10	QPSK	1	49	21.32	21.29	21.30	21.43	21.34		
10	QPSK	25	0	21.25	21.39	21.36	21.32	21.25	22.7	0
10	QPSK	25	12	21.30	21.31	21.42	21.23	21.17		
10	QPSK	25	25	21.36	21.39	21.37	21.33	21.24		
10	QPSK	50	0	21.34	21.39	21.36	21.22	21.29		
10	16QAM	1	0	21.30	21.31	21.34	21.20	21.32	22.7	0
10	16QAM	1	25	21.37	21.43	21.35	21.28	21.29		
10	16QAM	1	49	21.22	21.33	21.32	21.37	21.30		
10	16QAM	25	0	21.24	21.35	21.47	21.16	21.19	22.7	0
10	16QAM	25	12	21.18	21.34	21.51	21.30	21.18		
10	16QAM	25	25	21.31	21.30	21.46	21.37	21.31		
10	16QAM	50	0	21.33	21.22	21.30	21.28

Band 2 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.26	18.45	18.36	19.4	0
20	QPSK	1	49	18.41	18.33	18.27		
20	QPSK	1	99	18.32	18.34	18.40		
20	QPSK	50	0	18.30	18.40	18.30		
20	QPSK	50	24	18.24	18.39	18.38		
20	QPSK	50	50	18.22	18.30	18.24		
20	QPSK	100	0	18.24	18.34	18.27		
20	16QAM	1	0	18.29	18.42	18.31	19.4	0
20	16QAM	1	49	18.36	18.43	18.41		
20	16QAM	1	99	18.32	18.37	18.34		
20	16QAM	50	0	18.34	18.37	18.35		
20	16QAM	50	24	18.34	18.36	18.31	19.4	0
20	16QAM	50	50	18.39	18.29	18.41		
20	16QAM	100	0	18.36	18.36	18.31		
20	64QAM	1	0	18.32	18.34	18.26	19.4	0
20	64QAM	1	49	18.28	18.34	18.36		
20	64QAM	1	99	18.33	18.39	18.32		
20	64QAM	50	0	18.29	18.34	18.32	19.4	0
20	64QAM	50	24	18.30	18.24	18.35		
20	64QAM	50	50	18.31	18.34	18.37		
20	64QAM	100	0	18.33	18.41	18.36		
20	256QAM	1	0	17.92	17.92	17.87	19	0.4
20	256QAM	1	49	17.87	17.88	17.95		
20	256QAM	1	99	17.92	18.05	17.91		
20	256QAM	50	0	17.87	17.95	17.94		
20	256QAM	50	24	17.97	17.92	17.97	19	0.4
20	256QAM	50	50	17.94	17.86	18.04		
20	256QAM	100	0	17.95	17.90	17.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.11	18.28	18.27	19.4	0
15	QPSK	1	37	18.34	18.21	18.15		
15	QPSK	1	74	18.27	18.19	18.35		
15	QPSK	36	0	18.15	18.32	18.24	19.4	0
15	QPSK	36	20	18.10	18.34	18.22		
15	QPSK	36	39	18.16	18.30	18.09		
15	QPSK	75	0	18.09	18.18	18.13		
15	16QAM	1	0	18.16	18.35	18.20	19.4	0
15	16QAM	1	37	18.26	18.32	18.31		
15	16QAM	1	74	18.24	18.32	18.27		
15	16QAM	36	0	18.27	18.24	18.28	19.4	0
15	16QAM	36	20	18.23	18.27	18.23		
15	16QAM	36	39	18.34	18.19	18.28		
15	16QAM	75	0	18.30	18.24	18.26		
15	64QAM	1	0	18.21	18.21	18.15	19.4	0
15	64QAM	1	37	18.14	18.21	18.23		
15	64QAM	1	74	18.18	18.34	18.23		
15	64QAM	36	0	18.23	18.28	18.27	19.4	0
15	64QAM	36	20	18.21	18.18	18.22		
15	64QAM	36	39	18.19	18.23	18.26		
15	64QAM	75	0	18.26	18.36	18.21		
15	256QAM	1	0	17.81	17.85	17.78	19	0.4
15	256QAM	1	37	17.75	17.79	17.83		
15	256QAM	1	74	17.81	17.92	17.86		
15	256QAM	36	0	17.78	17.89	17.84	19	0.4
15	256QAM	36	20	17.91	17.87	17.87		
15	256QAM	36	39	17.82	17.72	17.98		
15	256QAM	75	0	17.86	17.81	17.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.21	18.31	18.25	19.4	0
10	QPSK	1	25	18.35	18.19	18.17		
10	QPSK	1	49	18.20	18.19	18.25		
10	QPSK	25	0	18.24	18.33	18.17	19.4	0
10	QPSK	25	12	18.17	18.29	18.29		
10	QPSK	25	25	18.17	18.28	18.17		
10	QPSK	50	0	18.10	18.24	18.22		
10	16QAM	1	0	18.18	18.27	18.17	19.4	0
10	16QAM	1	25	18.30	18.30	18.28		
10	16QAM	1	49	18.21	18.32	18.22		
10	16QAM	25	0	18.21	18.30	18.20	19.4	0
10	16QAM	25	12	18.25	18.20	18.17		
10	16QAM	25	25	18.29	18.13	18.36		
10	16QAM	50	0	18.27	18.22	18.16		
10	64QAM	1	0	18.25	18.24	18.14	19.4	0
10	64QAM	1	25	18.23	18.24	18.25		
10	64QAM	1	49	18.18	18.27	18.19		
10	64QAM	25	0	18.22	18.20	18.20	19.4	0
10	64QAM	25	12	18.19	18.14	18.27		
10	64QAM	25	25	18.19	18.23	18.24		
10	64QAM	50	0	18.27	18.33	18.28		
10	256QAM	1	0	17.88	17.79	17.79	19	0.4
10	256QAM	1	25	17.82	17.77	17.86		
10	256QAM	1	49	17.83	17.95	17.85		
10	256QAM	25	0	17.71	17.83	17.83	19	0.4
10	256QAM	25	12	17.82	17.80	17.83		
10	256QAM	25	25	17.89	17.79	17.95		
10	256QAM	50	0	17.84	17.83	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.18	18.32	18.32	19.4	0
5	QPSK	1	12	18.32	18.19	18.14		
5	QPSK	1	24	18.28	18.21	18.35		
5	QPSK	12	0	18.15	18.28	18.25	19.4	0
5	QPSK	12	7	18.10	18.24	18.26		
5	QPSK	12	13	18.15	18.35	18.10		
5	QPSK	25	0	18.11	18.23	18.16	19.4	0
5	16QAM	1	0	18.15	18.33	18.27		
5	16QAM	1	12	18.24	18.35	18.36		
5	16QAM	1	24	18.21	18.27	18.21		
5	16QAM	12	0	18.22	18.24	18.25	19.4	0
5	16QAM	12	7	18.28	18.20	18.23		
5	16QAM	12	13	18.23	18.20	18.36		
5	16QAM	25	0	18.27	18.30	18.19		
5	64QAM	1	0	18.20	18.25	18.11	19.4	0
5	64QAM	1	12	18.17	18.20	18.29		
5	64QAM	1	24	18.22	18.31	18.16		
5	64QAM	12	0	18.13	18.24	18.20	19.4	0
5	64QAM	12	7	18.17	18.17	18.20		
5	64QAM	12	13	18.23	18.26	18.22		
5	64QAM	25	0	18.29	18.36	18.27		
5	256QAM	1	0	17.80	17.84	17.81	19	0.4
5	256QAM	1	12	17.71	17.74	17.86		
5	256QAM	1	24	17.86	17.98	17.84		
5	256QAM	12	0	17.82	17.90	17.79	19	0.4
5	256QAM	12	7	17.88	17.77	17.86		
5	256QAM	12	13	17.88	17.78	18.00		
5	256QAM	25	0	17.89	17.82	17.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.27	18.23	19.4	0
3	QPSK	1	8	18.30	18.20	18.13		
3	QPSK	1	14	18.27	18.23	18.33		
3	QPSK	8	0	18.18	18.30	18.25	19.4	0
3	QPSK	8	4	18.08	18.30	18.22		
3	QPSK	8	7	18.07	18.26	18.16		
3	QPSK	15	0	18.15	18.28	18.22	19.4	0
3	16QAM	1	0	18.16	18.32	18.23		
3	16QAM	1	8	18.24	18.32	18.33		
3	16QAM	1	14	18.21	18.27	18.24		
3	16QAM	8	0	18.28	18.26	18.23	19.4	0
3	16QAM	8	4	18.26	18.30	18.26		
3	16QAM	8	7	18.30	18.19	18.33		
3	16QAM	15	0	18.27	18.32	18.16	19.4	0
3	64QAM	1	0	18.27	18.32	18.21		
3	64QAM	1	8	18.20	18.25	18.21		
3	64QAM	1	14	18.25	18.29	18.23		
3	64QAM	8	0	18.25	18.19	18.20	19.4	0
3	64QAM	8	4	18.21	18.11	18.29		
3	64QAM	8	7	18.20	18.19	18.31		
3	64QAM	15	0	18.20	18.34	18.23	19	0.4
3	256QAM	1	0	17.79	17.79	17.77		
3	256QAM	1	8	17.82	17.83	17.89		
3	256QAM	1	14	17.85	17.96	17.85		
3	256QAM	8	0	17.78	17.81	17.87	19	0.4
3	256QAM	8	4	17.82	17.85	17.92		
3	256QAM	8	7	17.87	17.70	17.96		
3	256QAM	15	0	17.86	17.83	17.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.13	18.26	18.20	19.4	0
1.4	QPSK	1	3	18.33	18.18	18.18		
1.4	QPSK	1	5	18.25	18.22	18.31		
1.4	QPSK	3	0	18.18	18.26	18.20		
1.4	QPSK	3	1	18.10	18.30	18.30		
1.4	QPSK	3	3	18.17	18.34	18.12		
1.4	QPSK	6	0	18.09	18.29	18.21	19.4	0
1.4	16QAM	1	0	18.23	18.29	18.19	19.4	0
1.4	16QAM	1	3	18.30	18.28	18.25		
1.4	16QAM	1	5	18.25	18.23	18.25		
1.4	16QAM	3	0	18.22	18.32	18.28		
1.4	16QAM	3	1	18.29	18.25	18.21		
1.4	16QAM	3	3	18.28	18.24	18.30		
1.4	16QAM	6	0	18.23	18.20	18.27	19.4	0
1.4	64QAM	1	0	18.17	18.31	18.14	19.4	0
1.4	64QAM	1	3	18.15	18.25	18.27		
1.4	64QAM	1	5	18.20	18.32	18.18		
1.4	64QAM	3	0	18.14	18.19	18.16		
1.4	64QAM	3	1	18.16	18.09	18.21		
1.4	64QAM	3	3	18.25	18.29	18.32		
1.4	64QAM	6	0	18.26	18.31	18.26	19.4	0
1.4	256QAM	1	0	17.86	17.86	17.73	19	0.4
1.4	256QAM	1	3	17.77	17.74	17.80		
1.4	256QAM	1	5	17.86	18.00	17.86		
1.4	256QAM	3	0	17.77	17.87	17.89		
1.4	256QAM	3	1	17.87	17.78	17.84		
1.4	256QAM	3	3	17.86	17.76	17.89		
1.4	256QAM	6	0	17.86	17.77	17.78	19	0.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.52	18.79	18.56	20.1	0
20	QPSK	1	49	18.60	18.67	18.61		
20	QPSK	1	99	18.67	18.62	18.61		
20	QPSK	50	0	18.61	18.71	18.57		
20	QPSK	50	24	18.69	18.68	18.69		
20	QPSK	50	50	18.52	18.62	18.57		
20	QPSK	100	0	18.58	18.66	18.51		
20	16QAM	1	0	18.66	18.66	18.50	20.1	0
20	16QAM	1	49	18.69	18.73	18.58		
20	16QAM	1	99	18.66	18.70	18.69		
20	16QAM	50	0	18.63	18.62	18.53	20.1	0
20	16QAM	50	24	18.52	18.63	18.52		
20	16QAM	50	50	18.63	18.68	18.69		
20	16QAM	100	0	18.59	18.66	18.58		
20	64QAM	1	0	18.54	18.68	18.60	20.1	0
20	64QAM	1	49	18.64	18.65	18.65		
20	64QAM	1	99	18.60	18.67	18.59		
20	64QAM	50	0	18.60	18.68	18.65	20.1	0
20	64QAM	50	24	18.55	18.69	18.69		
20	64QAM	50	50	18.63	18.67	18.52		
20	64QAM	100	0	18.61	18.63	18.61		
20	256QAM	1	0	17.51	17.52	17.45	19	1.1
20	256QAM	1	49	17.57	17.53	17.45		
20	256QAM	1	99	17.56	17.64	17.49		
20	256QAM	50	0	17.48	17.55	17.50	19	1.1
20	256QAM	50	24	17.45	17.58	17.49		
20	256QAM	50	50	17.45	17.60	17.52		
20	256QAM	100	0	17.49	17.53	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.40	18.65	18.44	20.1	0
15	QPSK	1	37	18.45	18.52	18.53		
15	QPSK	1	74	18.58	18.54	18.51		
15	QPSK	36	0	18.52	18.45	18.48	20.1	0
15	QPSK	36	20	18.53	18.60	18.59		
15	QPSK	36	39	18.47	18.54	18.43		
15	QPSK	75	0	18.43	18.57	18.41		
15	16QAM	1	0	18.60	18.55	18.44	20.1	0
15	16QAM	1	37	18.57	18.64	18.52		
15	16QAM	1	74	18.53	18.63	18.57		
15	16QAM	36	0	18.55	18.49	18.39	20.1	0
15	16QAM	36	20	18.46	18.58	18.38		
15	16QAM	36	39	18.55	18.56	18.57		
15	16QAM	75	0	18.44	18.59	18.47		
15	64QAM	1	0	18.45	18.55	18.47	20.1	0
15	64QAM	1	37	18.55	18.56	18.56		
15	64QAM	1	74	18.46	18.54	18.50		
15	64QAM	36	0	18.47	18.54	18.53	20.1	0
15	64QAM	36	20	18.40	18.54	18.60		
15	64QAM	36	39	18.57	18.56	18.44		
15	64QAM	75	0	18.55	18.55	18.51		
15	256QAM	1	0	17.47	17.43	17.34	19	1.1
15	256QAM	1	37	17.46	17.47	17.33		
15	256QAM	1	74	17.51	17.49	17.45		
15	256QAM	36	0	17.44	17.40	17.43	19	1.1
15	256QAM	36	20	17.38	17.46	17.40		
15	256QAM	36	39	17.30	17.48	17.37		
15	256QAM	75	0	17.45	17.48	17.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.40	18.67	18.48	20.1	0
10	QPSK	1	25	18.54	18.57	18.57		
10	QPSK	1	49	18.55	18.47	18.53		
10	QPSK	25	0	18.57	18.49	18.45	20.1	0
10	QPSK	25	12	18.64	18.57	18.55		
10	QPSK	25	25	18.46	18.48	18.47		
10	QPSK	50	0	18.52	18.51	18.42		
10	16QAM	1	0	18.53	18.53	18.45	20.1	0
10	16QAM	1	25	18.58	18.67	18.44		
10	16QAM	1	49	18.60	18.62	18.62		
10	16QAM	25	0	18.56	18.47	18.41	20.1	0
10	16QAM	25	12	18.48	18.50	18.43		
10	16QAM	25	25	18.57	18.63	18.57		
10	16QAM	50	0	18.50	18.60	18.52		
10	64QAM	1	0	18.49	18.53	18.52	20.1	0
10	64QAM	1	25	18.53	18.52	18.52		
10	64QAM	1	49	18.45	18.59	18.44		
10	64QAM	25	0	18.56	18.63	18.60	20.1	0
10	64QAM	25	12	18.42	18.65	18.61		
10	64QAM	25	25	18.53	18.60	18.46		
10	64QAM	50	0	18.49	18.50	18.55		
10	256QAM	1	0	17.35	17.42	17.30	19	1.1
10	256QAM	1	25	17.51	17.40	17.39		
10	256QAM	1	49	17.43	17.52	17.34		
10	256QAM	25	0	17.35	17.44	17.43	19	1.1
10	256QAM	25	12	17.31	17.45	17.35		
10	256QAM	25	25	17.30	17.56	17.47		
10	256QAM	50	0	17.38	17.46	17.38		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.38	18.74	18.45	20.1	0
5	QPSK	1	12	18.50	18.57	18.56		
5	QPSK	1	24	18.59	18.52	18.48		
5	QPSK	12	0	18.45	18.43	18.45	20.1	0
5	QPSK	12	7	18.55	18.58	18.64		
5	QPSK	12	13	18.38	18.53	18.46		
5	QPSK	25	0	18.42	18.60	18.35	20.1	0
5	16QAM	1	0	18.59	18.61	18.44		
5	16QAM	1	12	18.64	18.61	18.43		
5	16QAM	1	24	18.52	18.66	18.57		
5	16QAM	12	0	18.50	18.47	18.47	20.1	0
5	16QAM	12	7	18.39	18.57	18.43		
5	16QAM	12	13	18.51	18.55	18.59		
5	16QAM	25	0	18.54	18.50	18.47		
5	64QAM	1	0	18.45	18.63	18.47	20.1	0
5	64QAM	1	12	18.50	18.55	18.56		
5	64QAM	1	24	18.49	18.62	18.45		
5	64QAM	12	0	18.51	18.56	18.52	20.1	0
5	64QAM	12	7	18.41	18.57	18.58		
5	64QAM	12	13	18.55	18.58	18.45		
5	64QAM	25	0	18.50	18.57	18.48		
5	256QAM	1	0	17.45	17.38	17.32	19	1.1
5	256QAM	1	12	17.52	17.41	17.33		
5	256QAM	1	24	17.49	17.51	17.39		
5	256QAM	12	0	17.33	17.45	17.45	19	1.1
5	256QAM	12	7	17.36	17.51	17.38		
5	256QAM	12	13	17.32	17.56	17.42		
5	256QAM	25	0	17.33	17.47	17.33		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.42	18.67	18.46	20.1	0
3	QPSK	1	8	18.54	18.56	18.49		
3	QPSK	1	14	18.56	18.55	18.51		
3	QPSK	8	0	18.52	18.47	18.47	20.1	0
3	QPSK	8	4	18.57	18.61	18.56		
3	QPSK	8	7	18.40	18.56	18.51		
3	QPSK	15	0	18.43	18.62	18.45	20.1	0
3	16QAM	1	0	18.54	18.55	18.44		
3	16QAM	1	8	18.58	18.62	18.44		
3	16QAM	1	14	18.61	18.64	18.55		
3	16QAM	8	0	18.58	18.58	18.38	20.1	0
3	16QAM	8	4	18.47	18.53	18.39		
3	16QAM	8	7	18.49	18.56	18.56		
3	16QAM	15	0	18.51	18.51	18.44	20.1	0
3	64QAM	1	0	18.42	18.63	18.45		
3	64QAM	1	8	18.56	18.53	18.51		
3	64QAM	1	14	18.50	18.56	18.48		
3	64QAM	8	0	18.50	18.64	18.58	20.1	0
3	64QAM	8	4	18.48	18.61	18.56		
3	64QAM	8	7	18.50	18.54	18.37		
3	64QAM	15	0	18.53	18.58	18.57	20.1	0
3	256QAM	1	0	17.45	17.43	17.41	19	1.1
3	256QAM	1	8	17.42	17.49	17.36		
3	256QAM	1	14	17.41	17.51	17.36		
3	256QAM	8	0	17.41	17.40	17.46	19	1.1
3	256QAM	8	4	17.31	17.51	17.38		
3	256QAM	8	7	17.35	17.46	17.46		
3	256QAM	15	0	17.37	17.47	17.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.42	18.65	18.41	20.1	0
1.4	QPSK	1	3	18.45	18.55	18.56		
1.4	QPSK	1	5	18.62	18.54	18.52		
1.4	QPSK	3	0	18.55	18.51	18.45		
1.4	QPSK	3	1	18.56	18.60	18.62		
1.4	QPSK	3	3	18.47	18.54	18.42		
1.4	QPSK	6	0	18.49	18.54	18.37	20.1	0
1.4	16QAM	1	0	18.60	18.57	18.44	20.1	0
1.4	16QAM	1	3	18.54	18.64	18.50		
1.4	16QAM	1	5	18.58	18.63	18.58		
1.4	16QAM	3	0	18.59	18.49	18.48		
1.4	16QAM	3	1	18.44	18.54	18.45		
1.4	16QAM	3	3	18.52	18.53	18.62		
1.4	16QAM	6	0	18.45	18.50	18.47	20.1	0
1.4	64QAM	1	0	18.38	18.56	18.55	20.1	0
1.4	64QAM	1	3	18.49	18.50	18.58		
1.4	64QAM	1	5	18.56	18.60	18.51		
1.4	64QAM	3	0	18.54	18.55	18.50		
1.4	64QAM	3	1	18.49	18.55	18.63		
1.4	64QAM	3	3	18.55	18.61	18.37		
1.4	64QAM	6	0	18.52	18.57	18.57	20.1	0
1.4	256QAM	1	0	17.46	17.37	17.37	19	1.1
1.4	256QAM	1	3	17.43	17.40	17.40		
1.4	256QAM	1	5	17.41	17.58	17.41		
1.4	256QAM	3	0	17.34	17.49	17.42		
1.4	256QAM	3	1	17.37	17.51	17.37		
1.4	256QAM	3	3	17.36	17.51	17.44		
1.4	256QAM	6	0	17.36	17.44	17.41	19	1.1

Band 7 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.69	19.91	19.86	20.9	0
20	QPSK	1	49	19.69	19.83	19.77		
20	QPSK	1	99	19.75	19.77	19.81		
20	QPSK	50	0	19.78	19.86	19.73		
20	QPSK	50	24	19.68	19.84	19.85		
20	QPSK	50	50	19.75	19.79	19.79		
20	QPSK	100	0	19.82	19.83	19.80		
20	16QAM	1	0	19.82	19.84	19.74	20.9	0
20	16QAM	1	49	19.74

Band 25 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.34	18.53	18.40	19.4	0
20	QPSK	1	49	18.46	18.41	18.42		
20	QPSK	1	99	18.46	18.47	18.46		
20	QPSK	50	0	18.42	18.49	18.41		
20	QPSK	50	24	18.37	18.45	18.48	19.4	0
20	QPSK	50	50	18.37	18.48	18.39		
20	QPSK	100	0	18.38	18.47	18.38		
20	16QAM	1	0	18.41	18.49	18.47		
20	16QAM	1	49	18.47	18.50	18.48	19.4	0
20	16QAM	1	99	18.36	18.51	18.40		
20	16QAM	50	0	18.47	18.43	18.49		
20	16QAM	50	24	18.41	18.49	18.46	19.4	0
20	16QAM	50	50	18.45	18.45	18.48		
20	16QAM	100	0	18.47	18.40	18.46		
20	64QAM	1	0	18.39	18.44	18.37		
20	64QAM	1	49	18.36	18.43	18.49	19.4	0
20	64QAM	1	99	18.40	18.46	18.39		
20	64QAM	50	0	18.36	18.39	18.41		
20	64QAM	50	24	18.40	18.39	18.41	19.4	0
20	64QAM	50	50	18.37	18.45	18.46		
20	64QAM	100	0	18.44	18.48	18.47		
20	256QAM	1	0	17.98	18.02	18.02		
20	256QAM	1	49	18.02	18.00	18.07	19	0.4
20	256QAM	1	99	18.02	18.11	18.05		
20	256QAM	50	0	17.96	18.03	17.98		
20	256QAM	50	24	18.04	18.02	18.05	19	0.4
20	256QAM	50	50	18.07	18.00	18.08		
20	256QAM	100	0	18.05	18.03	17.97		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.28	18.35	18.33		
15	QPSK	1	37	18.39	18.26	18.37	19.4	0
15	QPSK	1	74	18.33	18.39	18.38		
15	QPSK	36	0	18.35	18.33	18.32		
15	QPSK	36	20	18.23	18.29	18.34	19.4	0
15	QPSK	36	39	18.27	18.41	18.33		
15	QPSK	75	0	18.25	18.36	18.27		
15	16QAM	1	0	18.36	18.39	18.38		
15	16QAM	1	37	18.40	18.37	18.35	19.4	0
15	16QAM	1	74	18.28	18.40	18.32		
15	16QAM	36	0	18.35	18.36	18.42		
15	16QAM	36	20	18.36	18.45	18.39	19.4	0
15	16QAM	36	39	18.34	18.29	18.34		
15	16QAM	75	0	18.31	18.26	18.32		
15	64QAM	1	0	18.24	18.37	18.28		
15	64QAM	1	37	18.24	18.33	18.40	19.4	0
15	64QAM	1	74	18.30	18.42	18.28		
15	64QAM	36	0	18.25	18.35	18.36		
15	64QAM	36	20	18.33	18.23	18.27	19.4	0
15	64QAM	36	39	18.24	18.34	18.38		
15	64QAM	75	0	18.32	18.40	18.33		
15	256QAM	1	0	17.92	17.86	17.91		
15	256QAM	1	37	17.90	17.91	18.02	19	0.4
15	256QAM	1	74	17.91	17.99	17.94		
15	256QAM	36	0	17.83	17.88	17.92		
15	256QAM	36	20	17.88	17.86	17.91	19	0.4
15	256QAM	36	39	18.01	17.92	18.02		
15	256QAM	75	0	17.90	17.96	17.90		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.22	18.30	18.29	19.4	0
10	QPSK	1	25	18.31	18.34	18.32		
10	QPSK	1	49	18.39	18.43	18.41		
10	QPSK	25	0	18.26	18.33	18.27		
10	QPSK	25	12	18.22	18.35	18.39	19.4	0
10	QPSK	25	25	18.27	18.43	18.28		
10	QPSK	50	0	18.27	18.37	18.27		
10	16QAM	1	0	18.33	18.40	18.40		
10	16QAM	1	25	18.34	18.40	18.36	19.4	0
10	16QAM	1	49	18.23	18.42	18.30		
10	16QAM	25	0	18.34	18.32	18.41		
10	16QAM	25	12	18.34	18.42	18.34	19.4	0
10	16QAM	25	25	18.35	18.32	18.34		
10	16QAM	50	0	18.32	18.34	18.41		
10	64QAM	1	0	18.26	18.38	18.24		
10	64QAM	1	25	18.26	18.29	18.42	19.4	0
10	64QAM	1	49	18.28	18.31	18.26		
10	64QAM	25	0	18.27	18.27	18.29		
10	64QAM	25	12	18.36	18.28	18.32	19.4	0
10	64QAM	25	25	18.23	18.37	18.39		
10	64QAM	50	0	18.30	18.44	18.35		
10	256QAM	1	0	17.93	17.90	17.96		
10	256QAM	1	25	17.96	17.96	18.03	19	0.4
10	256QAM	1	49	17.92	18.04	17.90		
10	256QAM	25	0	17.81	17.88	17.91		
10	256QAM	25	12	17.93	17.88	17.94	19	0.4
10	256QAM	25	25	17.91	17.85	18.02		
10	256QAM	50	0	17.93	17.92	17.93		
Channel				26065	26340	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.27	18.36	18.35	19.4	0
5	QPSK	1	12	18.36	18.35	18.36		
5	QPSK	1	24	18.33	18.37	18.37		
5	QPSK	12	0	18.36	18.29	18.28		
5	QPSK	12	7	18.24	18.40	18.36	19.4	0
5	QPSK	12	13	18.33	18.33	18.33		
5	QPSK	25	0	18.24	18.38	18.31		
5	16QAM	1	0	18.35	18.36	18.43		
5	16QAM	1	12	18.38	18.46	18.36	19.4	0
5	16QAM	1	24	18.28	18.37	18.30		
5	16QAM	12	0	18.33	18.28	18.45		
5	16QAM	12	7	18.34	18.44	18.41	19.4	0
5	16QAM	12	13	18.40	18.36	18.36		
5	16QAM	25	0	18.38	18.30	18.42		
5	64QAM	1	0	18.25	18.28	18.23		
5	64QAM	1	12	18.27	18.32	18.34	19.4	0
5	64QAM	1	24	18.28	18.42	18.27		
5	64QAM	12	0	18.27	18.31	18.28		
5	64QAM	12	7	18.31	18.23	18.34	19.4	0
5	64QAM	12	13	18.27	18.35	18.40		
5	64QAM	25	0	18.32	18.35	18.40		
5	256QAM	1	0	17.84	17.90	17.98		
5	256QAM	1	12	17.94	17.85	17.98	19	0.4
5	256QAM	1	24	17.88	18.06	18.00		
5	256QAM	12	0	17.86	17.89	17.91		
5	256QAM	12	7	17.96	17.95	17.89	19	0.4
5	256QAM	12	13	17.95	17.92	18.01		
5	256QAM	25	0	17.95	17.93	17.84		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.26	18.34	18.36	19.4	0
3	QPSK	1	8	18.39	18.34	18.26		
3	QPSK	1	14	18.42	18.32	18.33		
3	QPSK	8	0	18.29	18.33	18.27		
3	QPSK	8	4	18.26	18.38	18.34	19.4	0
3	QPSK	8	7	18.23	18.39	18.32		
3	QPSK	15	0	18.22	18.37	18.28		
3	16QAM	1	0	18.35	18.34	18.37		
3	16QAM	1	8	18.32	18.37	18.36	19.4	0
3	16QAM	1	14	18.29	18.42	18.26		
3	16QAM	8	0	18.35	18.30	18.36		
3	16QAM	8	4	18.28	18.42	18.41	19.4	0
3	16QAM	8	7	18.38	18.32	18.41		
3	16QAM	15	0	18.31	18.27	18.32		
3	64QAM	1	0	18.24	18.34	18.29		
3	64QAM	1	8	18.22	18.37	18.41	19.4	0
3	64QAM	1	14	18.29	18.41	18.32		
3	64QAM	8	0	18.28	18.29	18.29		
3	64QAM	8	4	18.30	18.24	18.27	19.4	0
3	64QAM	8	7	18.26	18.41	18.37		
3	64QAM	15	0	18.38	18.43	18.40		
3	256QAM	1	0	17.93	17.97	17.95		
3	256QAM	1	8	17.97	17.90	17.97	19	0.4
3	256QAM	1	14	17.91	17.99	17.99		
3	256QAM	8	0	17.89	17.92	17.93		
3	256QAM	8	4	17.92	17.94	17.91	19	0.4
3	256QAM	8	7	18.03	17.93	17.98		
3	256QAM	15	0	17.95	17.89	17.86		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.19	18.30	18.35	19.4	0
1.4	QPSK	1	3	18.31	18.35	18.36		
1.4	QPSK	1	5	18.32	18.42	18.40		
1.4	QPSK	3	0	18.37	18.27	18.34		
1.4	QPSK	3	1	18.30	18.31	18.43		
1.4	QPSK	3	3	18.31	18.38	18.28		
1.4	QPSK	6	0	18.29	18.34	18.34	19.4	0
1.4	16QAM	1	0	18.26	18.36	18.40	19.4	0
1.4	16QAM	1	3	18.32	18.41	18.40		
1.4	16QAM	1	5	18.23	18.42	18.33		
1.4	16QAM	3	0	18.42	18.27	18.39		
1.4	16QAM	3	1	18.29	18.35	18.41		
1.4	16QAM	3	3	18.32	18.31	18.42		
1.4	16QAM	6	0	18.34	18.34	18.30	19.4	0
1.4	64QAM	1	0	18.33	18.38	18.26	19.4	0
1.4	64QAM	1	3	18.25	18.32	18.42		
1.4	64QAM	1	5	18.28	18.38	18.34		
1.4	64QAM	3	0	18.27	18.33	18.35		
1.4	64QAM	3	1	18.36	18.33	18.32		
1.4	64QAM	3	3	18.23	18.29	18.36		
1.4	64QAM	6	0	18.35	18.43	18.34	19.4	0
1.4	256QAM	1	0	17.89	17.91	17.94	19	0.4
1.4	256QAM	1	3	17.91	17.92	18.01		
1.4	256QAM	1	5	17.98	18.04	17.98		
1.4	256QAM	3	0	17.90	17.87	17.86		
1.4	256QAM	3	1	18.00	17.89	17.96		
1.4	256QAM	3	3	17.94	17.95	17.93		
1.4	256QAM	6	0	18.00	17.95	17.85	19	0.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.78		19.8	0
10	QPSK	1	25		18.70			
10	QPSK	1	49		18.70			
10	QPSK	25	0		18.75			
10	QPSK	25	12		18.70		19.8	0
10	QPSK	25	25		18.68			
10	QPSK	50	0		18.71			
10	16QAM	1	0		18.63			
10	16QAM	1	25		18.71		19.8	0
10	16QAM	1	49		18.68			
10	16QAM	25	0		18.65			
10	16QAM	25	12		18.63		19.8	0
10	16QAM	25	25		18.65			
10	16QAM	50	0		18.66			
10	64QAM	1	0		18.73			
10	64QAM	1	25		18.67		19.8	0
10	64QAM	1	49		18.69			
10	64QAM	25	0		17.92			
10	64QAM	25	12		18.02		19	0.8
10	64QAM	25	25		17.97			
10	64QAM	50	0		17.95			
10	256QAM	1	0		15.93			
10	256QAM	1	25		15.98		17	2.8
10	256QAM	1	49		15.97			
10	256QAM	25	0		15.93			
10	256QAM	25	12		15.97		17	2.8
10	256QAM	25	25		15.93			
10	256QAM	50	0		15.95			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.65	18.69	18.65	19.8	0
5	QPSK	1	12	18.56	18.57	18.57		
5	QPSK	1	24	18.62	18.54	18.57		
5	QPSK	12	0	18.58	18.57	18.50		
5	QPSK	12	7	18.63	18.63	18.55	19.8	0
5	QPSK	12	13	18.57	18.61	18.64		
5	QPSK	25	0	18.58	18.66	18.59		
5	16QAM	1	0	18.50	18.53	18.57		
5	16QAM	1	12	18.63	18.56	18.58	19.8	0
5	16QAM	1	24	18.63	18.60	18.55		
5	16QAM	12	0	18.52	18.57	18.60		
5	16QAM	12	7	18.52	18.48	18.53	19.8	0
5	16QAM	12	13	18.49	18.55	18.52		
5	16QAM	25	0	18.56	18.57	18.57		
5	64QAM	1	0	18.68	18.67	18.68		
5	64QAM	1	12	18.63	18.59	18.53	19.8	0
5	64QAM	1	24	18.54	18.64	18.65		
5	64QAM	12	0	17.87	17.84	17.77		
5	64QAM	12	7	17.92	17.90	17.97	19	0.8
5	64QAM	12	13	17.85	17.85	17.91		
5	64QAM	25	0	17.91	17.89	17.84		
5	256QAM	1	0	15.80	15.87	15.88		
5	256QAM	1	12	15.89	15.93	15.85	17	2.8
5	256QAM	1	24	15.88	15.91	15.83		
5	256QAM	12	0	15.81	15.87	15.85		
5	256QAM	12	7	15.86	15.82	15.86	17	2.8
5	256QAM	12	13	15.81	15.79	15.77		
5	256QAM	25	0	15.86	15.80	15.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.67	18.85	18.69	20.1	0
20	QPSK	1	49	18.71	18.72	18.74		
20	QPSK	1	99	18.77	18.76	18.72		
20	QPSK	50	0	18.70	18.81	18.71		
20	QPSK	50	24	18.73	18.75	18.75	20.1	0
20	QPSK	50	50	18.66	18.71	18.66		
20	QPSK	100	0	18.68	18.79	18.66		
20	16QAM	1	0	18.76	18.80	18.65		
20	16QAM	1	49	18.76	18.78	18.64	20.1	0
20	16QAM	1	99	18.70	18.82	18.73		
20	16QAM	50	0	18.72	18.78	18.68		
20	16QAM	50	24	18.66	18.79	18.68	20.1	0
20	16QAM	50	50	18.67	18.76	18.74		
20	16QAM	100	0	18.71	18.78	18.64		
20	64QAM	1	0	18.69	18.80	18.69		
20	64QAM	1	49	18.71	18.73	18.76	20.1	0
20	64QAM	1	99	18.66	18.77	18.69		
20	64QAM	50	0	18.69	18.82	18.71		
20	64QAM	50	24	18.66	18.81	18.73	20.1	0
20	64QAM	50	50	18.77	18.74	18.67		
20	64QAM	100	0	18.73	18.76	18.71		
20	256QAM	1	0	17.64	17.64	17.58		
20	256QAM	1	49	17.65	17.61	17.56	19	1.1
20	256QAM	1	99	17.60	17.71	17.65		
20	256QAM	50	0	17.62	17.69	17.59		
20	256QAM	50	24	17.58	17.70	17.57	19	1.1
20	256QAM	50	50	17.58	17.71	17.57		
20	256QAM	100	0	17.60	17.66	17.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.58	18.55	18.55	20.1	0
15	QPSK	1	37	18.66	18.63	18.69		
15	QPSK	1	74	18.68	18.66	18.58		
15	QPSK	36	0	18.65	18.63	18.67		
15	QPSK	36	20	18.60	18.62	18.64	20.1	0
15	QPSK	36	39	18.58	18.59	18.58		
15	QPSK	75	0	18.64	18.67	18.57		
15	16QAM	1	0	18.68	18.70	18.60		
15	16QAM	1	37	18.67	18.71	18.58	20.1	0
15	16QAM	1	74	18.62	18.73	18.60		
15	16QAM	36	0	18.58	18.69	18.54		
15	16QAM	36	20	18.56	18.66	18.57	20.1	0
15	16QAM	36	39	18.62	18.71	18.66		
15	16QAM	75	0	18.63	18.72	18.55		
15	64QAM	1	0	18.64	18.73	18.54		
15	64QAM	1	37	18.64	18.63	18.71	20.1	0
15	64QAM	1	74	18.51	18.70	18.63		
15	64QAM	36	0	18.54	18.69	18.59		
15	64QAM	36	20	18.61	18.69	18.66	20.1	0
15	64QAM	36	39	18.71	18.70	18.63		
15	64QAM	75	0	18.60	18.65	18.58		
15	256QAM	1	0	17.52	17.52	17.51		
15	256QAM	1	37	17.58	17.53	17.44	19	1.1
15	256QAM	1	74	17.46	17.66	17.57		
15	256QAM	36	0	17.49	17.53	17.52		
15	256QAM	36	20	17.44	17.56	17.52	19	1.1
15	256QAM	36	39	17.57	17.62	17.48		
15	256QAM	75	0	17.45	17.55	17.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.59	18.57	18.64	20.1	0
10	QPSK	1	25	18.56	18.67	18.65		
10	QPSK	1	49	18.69	18.69	18.67		
10	QPSK	25	0	18.59	18.60	18.60		
10	QPSK	25	12	18.60	18.69	18.63	20.1	0
10	QPSK	25	25	18.59	18.59	18.52		
10	QPSK	50	0	18.52	18.68	18.56		
10	16QAM	1	0	18.68	18.75	18.60		
10	16QAM	1	25	18.69	18.66	18.55	20.1	0
10	16QAM	1	49	18.60	18.76	18.59		
10	16QAM	25	0	18.62	18.70	18.52		
10	16QAM	25	12	18.62	18.64	18.53	20.1	0
10	16QAM	25	25	18.51	18.63	18.63		
10	16QAM	50	0	18.63	18.71	18.48		
10	64QAM	1	0	18.54	18.72	18.58		
10	64QAM	1	25	18.62	18.58	18.69	20.1	0
10	64QAM	1	49	18.53	18.67	18.65		
10	64QAM	25	0	18.54	18.73	18.63		
10	64QAM	25	12	18.57	18.74	18.63	20.1	0
10	64QAM	25	25	18.62	18.69	18.55		
10	64QAM	50	0	18.63	18.65	18.62		
10	256QAM	1	0	17.54	17.55	17.45		
10	256QAM	1	25	17.60	17.49	17.42	19	1.1
10	256QAM	1	49	17.47	17.57	17.53		
10	256QAM	25	0	17.51	17.60	17.52		
10	256QAM	25	12	17.54	17.58	17.43	19	1.1
10	256QAM	25	25	17.51	17.62	17.45		
10	256QAM	50	0	17.52	17.52	17.43		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.58	18.64	18.56	20.1	0
5	QPSK	1	12	18.63	18.57	18.63		
5	QPSK	1	24	18.65	18.72	18.56		
5	QPSK	12	0	18.64	18.64	18.59		
5	QPSK	12	7	18.58	18.66	18.66	20.1	0
5	QPSK	12	13	18.59	18.55	18.59		
5	QPSK	25	0	18.59	18.75	18.53		
5	16QAM	1	0	18.63	18.66	18.50		
5	16QAM	1	12	18.69	18.72	18.53	20.1	0
5	16QAM	1	24	18.62	18.69	18.62		
5	16QAM	12	0	18.66	18.71	18.53		
5	16QAM	12	7	18.62	18.69	18.54	20.1	0
5	16QAM	12	13	18.60	18.64	18.63		
5	16QAM	25	0	18.58	18.68	18.48		
5	64QAM	1	0	18.64	18.64	18.57		
5	64QAM	1	12	18.66	18.64	18.67	20.1	0
5	64QAM	1	24	18.53	18.64	18.55		
5	64QAM	12	0	18.58	18.71	18.62		
5	64QAM	12	7	18.51	18.75	18.60	20.1	0
5	64QAM	12	13	18.64	18.59	18.62		
5	64QAM	25	0	18.63	18.65	18.63		
5	256QAM	1	0	17.53	17.54	17.51		
5	256QAM	1	12	17.52	17.52	17.45	19	1.1
5	256QAM	1	24	17.45	17.64	17.53		
5	256QAM	12	0	17.51	17.62	17.44		
5	256QAM	12	7	17.46	17.58	17.43	19	1.1
5	256QAM	12	13	17.52	17.66	17.46		
5	256QAM	25	0	17.46	17.52	17.44		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.52	18.61	18.54	20.1	0
3	QPSK	1	8	18.62	18.63	18.64		
3	QPSK	1	14	18.70	18.68	18.59		
3	QPSK	8	0	18.63	18.56	18.65	20.1	0
3	QPSK	8	4	18.63	18.69	18.62		
3	QPSK	8	7	18.58	18.62	18.59		
3	QPSK	15	0	18.58	18.67	18.54		
3	16QAM	1	0	18.63	18.72	18.60		
3	16QAM	1	8	18.62	18.69	18.59	20.1	0
3	16QAM	1	14	18.60	18.77	18.65		
3	16QAM	8	0	18.67	18.63	18.54	20.1	0
3	16QAM	8	4	18.52	18.66	18.52		
3	16QAM	8	7	18.56	18.67	18.58		
3	16QAM	15	0	18.56	18.65	18.57		
3	64QAM	1	0	18.55	18.75	18.58	20.1	0
3	64QAM	1	8	18.57	18.65	18.63		
3	64QAM	1	14	18.54	18.70	18.62

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	16.78	16.66	16.73		
20	QPSK	1	49	16.69	16.64	16.76	18.4	0
20	QPSK	1	99	16.66	16.61	16.67		
20	QPSK	50	0	16.79	16.69	16.73		
20	QPSK	50	24	16.70	16.66	16.74	18.4	0
20	QPSK	50	50	16.79	16.67	16.72		
20	QPSK	100	0	16.78	16.65	16.73		
20	16QAM	1	0	16.72	16.63	16.74		
20	16QAM	1	49	16.67	16.69	16.85	18.4	0
20	16QAM	1	99	16.63	16.67	16.78		
20	16QAM	50	0	16.69	16.63	16.74		
20	16QAM	50	24	16.67	16.65	16.74	18.4	0
20	16QAM	50	50	16.76	16.68	16.71		
20	16QAM	100	0	16.76	16.66	16.66		
20	64QAM	1	0	16.78	16.91	16.73		
20	64QAM	1	49	16.68	16.92	16.71	18.4	0
20	64QAM	1	99	16.62	16.82	16.78		
20	64QAM	50	0	16.81	16.89	16.63		
20	64QAM	50	24	16.68	16.79	16.71	18.4	0
20	64QAM	50	50	16.73	16.88	16.86		
20	64QAM	100	0	16.68	16.83	16.72		
20	256QAM	1	0	16.72	16.66	16.76		
20	256QAM	1	49	16.71	16.87	16.85	18.4	0
20	256QAM	1	99	16.71	16.79	16.76		
20	256QAM	50	0	16.68	16.88	16.82		
20	256QAM	50	24	16.73	16.90	16.71	18.4	0
20	256QAM	50	50	16.74	16.83	16.80		
20	256QAM	100	0	16.79	16.88	16.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2602.5		
15	QPSK	1	0	16.64	16.90	16.67		
15	QPSK	1	37	16.63	16.73	16.68	18.4	0
15	QPSK	1	74	16.53	16.77	16.62		
15	QPSK	36	0	16.70	16.78	16.59		
15	QPSK	36	20	16.61	16.72	16.64	18.4	0
15	QPSK	36	39	16.64	16.71	16.59		
15	QPSK	75	0	16.69	16.77	16.67		
15	16QAM	1	0	16.63	16.82	16.62		
15	16QAM	1	37	16.65	16.76	16.73	18.4	0
15	16QAM	1	74	16.77	16.77	16.73		
15	16QAM	36	0	16.56	16.83	16.59		
15	16QAM	36	20	16.58	16.72	16.65	18.4	0
15	16QAM	36	39	16.66	16.76	16.59		
15	16QAM	75	0	16.71	16.70	16.58		
15	64QAM	1	0	16.63	16.85	16.62		
15	64QAM	1	37	16.55	16.85	16.64	18.4	0
15	64QAM	1	74	16.50	16.70	16.66		
15	64QAM	36	0	16.74	16.78	16.50		
15	64QAM	36	20	16.60	16.73	16.60	18.4	0
15	64QAM	36	39	16.68	16.74	16.77		
15	64QAM	75	0	16.62	16.74	16.61		
15	256QAM	1	0	16.67	16.71	16.61		
15	256QAM	1	37	16.60	16.77	16.76	18.4	0
15	256QAM	1	74	16.61	16.65	16.62		
15	256QAM	36	0	16.57	16.75	16.72		
15	256QAM	36	20	16.63	16.60	16.65	18.4	0
15	256QAM	36	39	16.59	16.75	16.67		
15	256QAM	75	0	16.71	16.82	16.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2605		
10	QPSK	1	0	16.67	16.84	16.63		
10	QPSK	1	25	16.64	16.77	16.70	18.4	0
10	QPSK	1	49	16.61	16.76	16.51		
10	QPSK	25	0	16.66	16.72	16.65		
10	QPSK	25	12	16.56	16.80	16.66	18.4	0
10	QPSK	25	25	16.67	16.77	16.64		
10	QPSK	50	0	16.64	16.76	16.67		
10	16QAM	1	0	16.56	16.68	16.58		
10	16QAM	1	25	16.68	16.78	16.75	18.4	0
10	16QAM	1	49	16.72	16.73	16.69		
10	16QAM	25	0	16.57	16.80	16.59		
10	16QAM	25	12	16.54	16.69	16.63	18.4	0
10	16QAM	25	25	16.62	16.76	16.57		
10	16QAM	50	0	16.70	16.78	16.60		
10	64QAM	1	0	16.66	16.84	16.68		
10	64QAM	1	25	16.57	16.83	16.61	18.4	0
10	64QAM	1	49	16.50	16.69	16.66		
10	64QAM	25	0	16.74	16.78	16.52		
10	64QAM	25	12	16.63	16.70	16.65	18.4	0
10	64QAM	25	25	16.68	16.83	16.77		
10	64QAM	50	0	16.53	16.68	16.67		
10	256QAM	1	0	16.63	16.74	16.72		
10	256QAM	1	25	16.60	16.73	16.81	18.4	0
10	256QAM	1	49	16.58	16.72	16.67		
10	256QAM	25	0	16.63	16.78	16.77		
10	256QAM	25	12	16.66	16.80	16.66	18.4	0
10	256QAM	25	25	16.69	16.71	16.70		
10	256QAM	50	0	16.64	16.73	16.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	16.72	16.82	16.69		
5	QPSK	1	12	16.54	16.70	16.64	18.4	0
5	QPSK	1	24	16.56	16.85	16.60		
5	QPSK	12	0	16.72	16.71	16.65		
5	QPSK	12	7	16.66	16.79	16.58	18.4	0
5	QPSK	12	13	16.68	16.72	16.64		
5	QPSK	25	0	16.72	16.79	16.65		
5	16QAM	1	0	16.58	16.83	16.63		
5	16QAM	1	12	16.73	16.77	16.72	18.4	0
5	16QAM	1	24	16.60	16.68	16.68		
5	16QAM	12	0	16.62	16.77	16.61		
5	16QAM	12	7	16.51	16.75	16.63	18.4	0
5	16QAM	12	13	16.72	16.85	16.64		
5	16QAM	25	0	16.65	16.75	16.57		
5	64QAM	1	0	16.63	16.77	16.64		
5	64QAM	1	12	16.53	16.83	16.62	18.4	0
5	64QAM	1	24	16.48	16.73	16.73		
5	64QAM	12	0	16.65	16.74	16.51		
5	64QAM	12	7	16.61	16.74	16.64	18.4	0
5	64QAM	12	13	16.58	16.81	16.77		
5	64QAM	25	0	16.55	16.74	16.65		
5	256QAM	1	0	16.61	16.81	16.63		
5	256QAM	1	12	16.56	16.71	16.73	18.4	0
5	256QAM	1	24	16.59	16.65	16.63		
5	256QAM	12	0	16.54	16.80	16.73		
5	256QAM	12	7	16.57	16.82	16.56	18.4	0
5	256QAM	12	13	16.68	16.75	16.64		
5	256QAM	25	0	16.67	16.80	16.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.96	16.93	17.15	16.92	16.97		
20	QPSK	1	49	17.00	16.90	17.00	17.00	16.94	18.4	0
20	QPSK	1	99	17.02	16.92	17.07	16.99	17.02		
20	QPSK	50	0	17.00	16.96	17.11	16.92	16.95		
20	QPSK	50	24	16.97	16.88	17.09	16.98	16.99	18.4	0
20	QPSK	50	50	17.05	16.94	17.09	16.96	16.95		
20	QPSK	100	0	17.00	16.98	17.07	16.92	16.95		
20	16QAM	1	0	17.00	16.97	17.11	16.92	16.99		
20	16QAM	1	49	16.97	16.88	17.09	16.96	16.95	18.4	0
20	16QAM	1	99	16.95	16.98	17.12	16.93	16.96		
20	16QAM	50	0	16.95	16.93	17.08	16.92	17.05		
20	16QAM	50	24	17.04	16.88	17.05	16.96	17.00	18.4	0
20	16QAM	50	50	17.05	16.94	17.10	16.95	16.96		
20	16QAM	100	0	16.98	16.93	17.01	16.92	17.00		
20	64QAM	1	0	16.99	16.97	17.06	16.96	17.05		
20	64QAM	1	49	16.97	16.88	17.09	16.97	17.04	18.4	0
20	64QAM	1	99	17.04	16.97	17.05	16.99	16.98		
20	64QAM	50	0	17.04	16.95	17.10	16.89	16.96		
20	64QAM	50	24	17.00	16.91	17.05	16.95	16.93	18.4	0
20	64QAM	50	50	17.01	16.92	17.07	17.01	16.97		
20	64QAM	100	0	17.00	16.91	17.04	16.98	17.04		
20	256QAM	1	0	16.99	16.93	17.08	16.93	17.04		
20	256QAM	1	49	17.07	16.90	17.04	17.00	16.98	18.4	0
20	256QAM	1	99	17.04	16.94	17.01	16.95	17.05		
20	256QAM	50	0	17.02	16.88	17.06	17.01	17.04		
20	256QAM	50	24	16.96	16.91	17.12	16.95	16.93	18.4	0
20	256QAM	50	50	16.95	16.96	17.03	16.94	17.04		
20	256QAM	100	0	17.02	16.97	17.03	16.92	16.96		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.90	16.80	16.94	16.77	16.90		
15	QPSK	1	37	16.86	16.84	16.87	16.92	16.78	18	0
15	QPSK	1	74	16.91	16.83	16.97	16.79	16.95		
15	QPSK	36	0	16.91	16.91	16.93	16.86	16.87		
15	QPSK	36	20	16.83	16.75	16.95	16.91	16.95	18.4	0
15	QPSK	36	39	16.95	16.81	17.03	16.80	16.87		
15	QPSK	75	0	16.95	16.82	16.97	16.76	16.79		
15	16QAM	1	0	16.95	16.92	17.01	16.85	16.88		
15	16QAM	1	37	16.93	16.85	16.90	16.85	16.90	18.4	0
15	16QAM	1	74	16.85	16.89	17.03	16.79	16.86		
15	16QAM	36	0	16.86	16.86	16.98	16.87	17.01		
15	16QAM	36	20	16.94	16.83	16.93	16.90	16.88	18.4	0
15	16QAM	36	39	16.95	16.82	17.03	16.86	16.91		
15	16QAM	75	0	16.92	16.88	16.86	16.82	16.89		
15	64QAM	1	0	16.92	16.89	16.90	16.85	16.98		
15	64QAM	1	37	16.83	16.73	17.05	16.81	17.00	18.4	0
15	64QAM	1	74	16.91	16.82	16.97	16.84	16.82		
15	64QAM	36	0	16.90	16.86	16.96	16.84	16.83		
15	64QAM	36	20	17.00	16.84	16.95	16.92	16.81	18.4	0
15	64QAM	36	39	16.90	16.86	16.96	16.88	16.83		
15	64QAM	75	0	16.90	16.79	16.91	16.82	17.00		
15	256QAM	1	0	16.90	16.77	17.03	16.80	16.99		
15	256QAM	1	37	16.91	16.82	16.96	16.94	16.93	18.4	0
15	256QAM	1	74	16.96	16.83	16.95	16.88	16.98		
15	256QAM	36	0	16.93	16.82	16.91	16.91	16.97		
15	256QAM	36	20	16.85	16.83	16.97	16.80	16.94	18.4	0
15	256QAM	36	39	16.87	16.89	16.96	16.89	16.97		
15	256QAM	75	0	16.87	16.83	16.89	16.85	16.89		
Channel				39700	40150	40600	41050	41500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.89	16.89	16.95	16.78	16.84		
10	QPSK	1	25	16.92	16.79	16.85	16.88	16.80	18	0
10	QPSK	1	49	16.92	16.82	16.92	16.75	16.91		
10	QPSK	25	0	16.85	16.84	16.93	16.77	16.82		
10	QPSK	25	12	16.83	16.78	16.95	16.89	16.88	18.4	0
10	QPSK	25	25	16.93	16.87	16.96	16.87	16.88		
10	QPSK	50	0	16.92	16.94	16.92	16.81	16.80		
10	16QAM	1	0	16.91	16.89	17.05	16.81	16.90		
10	16QAM	1	25	16.87	16.84	16.96	16.94	16.92	18.4	0
10	16QAM	1	49	16.81	16.93	17.01	16.82	16.83		
10	16QAM	25	0	16.80	16.82	16.97	16.76	16.93		
10	16QAM	25	12	16.98	16.80	16.99	16.86	16.90	18.4	0
10	16QAM	25	25	16.90	16.88	17.00	16.91	16.87		
10	16QAM	50	0	16.91	16.89	16.91	16.84	16.85		
10	64QAM	1	0	16.89	16.89	16.99	16.91	16.96		
10	64QAM	1	25	16.84	16.81	17.00	16.87	16.92	18.4	0
10	64QAM	1	49	16.90	16.80	16.91	16.86	16.94		
10	64QAM	25	0	16.94	16.84	17.01	16.84	16.87		
10	64QAM	25	12	16.92	16.77	16.98	16.84	16.84	18.4	0
10	64QAM	25	25	16.85	16.83	16.95	16.95	16.91		
10	64QAM	50	0	16.92	16.77	17.00	16.92	17.00		
10	256QAM	1	0	16.88	16.87	16.98	16.77	16.96		
10	256QAM	1	25	16.91	16.84	16.89	16.93	16.93	18.4	0
10	256QAM	1	49	16.96	16.87	16.87	16.92	16.89		
10	256QAM	25	0	16.96	16.72	17.00	16.86	16.95		
10	256QAM	25	12	16.91	16.81	17.04	16.86	16.80	18.4	0
10	256QAM	25	25	16.90	16.83	16.97	16.90	16.98		
10	256QAM	50	0	16.93	16.90	16.92	16.81	16.86		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2639.3	2687.5		
5	QPSK	1	0	16.90	16.78	16.93	16.88	16.89		
5	QPSK	1	12	16.89	16.78	16.88	16.87	16.90	18	0
5	QPSK	1	24	16.88	16.88	17.01	16.83	16.87		
5	QPSK	12	0	16.87	16.83	16.90	16.84	16.89		
5	QPSK	12	7	16.90	16.76	17.01	16.92	16.87	18.4	0
5	QPSK	12	13	16.95	16.81	16.96	16.79	16.86		
5	QPSK	25	0	16.87	16.86	17.02	16.77	16.85		
5	16QAM	1	0	16.86	16.82	17.05	16.89	16.91		
5	16QAM	1	12	16.88	16.93	16.88	16.90	16.92	18.4	0
5	16QAM	1	24	16.94	16.88	16.98	16.84	16.83		
5	16QAM	12	0	16.85	16.88	16.93	16.81	16.94		
5	16QAM	12	7	16.96	16.74	16.96	16.90	16.95	18.4	0
5	16QAM	12	13	16.98	16.85	16.92	16.87	16.83		
5	16QAM	25	0	16.94	16.83	16.89	16.82	16.90		
5	64QAM	1	0	16.88	16.91	17.00	16.91	17.01		
5	64QAM	1	12	16.93	16.75	16.95	16.83	16.98	18.4	0
5	64QAM	1	24	16.92	16.78	16.99	16.85	16.93		
5	64QAM	12	0	16.91	16.88	17.05	16.74	16.96		
5	64QAM	12	7	17.02	16.80	16.98	16.85	16.86	18.4	0
5	64QAM	12	13	16.88	16.86	17.01	16.93	16.85		
5	64QAM	25	0	16.95	16.86	16.92	16.83	16.92		
5	256QAM	1	0	16.86	16.85	17.04	16.87	16.91		
5	256QAM	1	12	16.92	16.80	16.98	16.86	16.90	18.4	0
5	256QAM	1	24	16.89	16.83	16.90	16.83	16.98		
5	256QAM	12	0	16.96	16.79	17.00	16.94	16.91		
5	256QAM	12	7	16.91	16.78	17.03	16.94	16.82	18.4	0
5	256QAM	12	13	16.80	16.83	16.99	16.89	16.91		
5	256QAM	25	0	16.95	16.83	16.98	16.76	16.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.77	18.77	18.98	18.78	18.81		
20	QPSK	1	49	18.85	18.66	18.80	18.82	18.80	20	0
20	QPSK	1	99	18.77	18.71	18.83	18.65	18.83		
20	QPSK	50	0	18.84	18.70	18.92	18.77	18.79		
20	QPSK	50	24	18.78	18.69	18.85	18.84	18.77	20	0
20	QPSK	50	50	18.87	18.70	18.91	18.79	18.72		
20	QPSK	100	0	18.82	18.75	18.91	18.71	18.71		
20	16QAM	1	0	18.76	18.75	18.89	18.70	18.84		
20	16QAM	1	49	18.80	18.79	18.85	18.80	18.82	20	0
20	16QAM	1	99	18.72	18.82	18.97	18.71	18.79		
20	16QAM	50	0	18.71	18.73	18.84	18.72	18.87		
20	16QAM	50	24	18.80	18.63	18.80	18.72	18.85	20	0
20	16QAM	50	50	18.86	18.70	18.84	18.70	18.76		
20	16QAM	100	0	18.83	18.73	18.82	18.71	18.80		
20	64QAM	1	0	18.76	18.80	18.92	18.74	18.89		
20	64QAM	1	49	18.77	18.69	18.92	18.77	18.89	20	0
20	64QAM	1	99	18.88	18.73	18.94	18.82	18.78		
20	64QAM	50	0	18.87	18.71	18.94	18.71	18.77		
20	64QAM	50	24	18.85	18.73	18.88	18.78	18.76	20	0
20	64QAM	50	50	18.81	18.76	18.85	18.79	18.76		
20	64QAM	100	0	18.78	18.72	18.87	18.76	18.66		
20	256QAM	1	0	18.79	18.70	18.96	18.71	18.81		
20	256QAM	1	49	18.82	18.75	18.80	18.77	18.74	20	0
20	256QAM	1	99	18.87	18.71	18.83	18.76	18.89		
20	256QAM	50	0	18.83	18.71	18.87	18.77	18.85		
20	256QAM	50	24	18.75	18.74	18.97	18.74	18.76	20	0
20	256QAM	50	50	18.73	18.74	18.82	18.73	18.89		
20	256QAM	100	0	18.85	18.79	18.79	18.73	18.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.73	18.63	18.93	18.63	18.52		
15	QPSK	1	37	18.71	18.50	18.72	18.68	18.64	20	0
15	QPSK	1	74	18.69	18.57	18.78	18.56	18.75		
15	QPSK	36	0	18.77	18.61	18.71	18.70	18.64		
15	QPSK	36	20	18.67	18.63	18.86	18.74	18.62	20	0
15	QPSK	36	39	18.73	18.65	18.86	18.68	18.60		
15	QPSK	75	0	18.73	18.62	18.83	18.60	18.59		
15	16QAM	1	0	18.63	18.62	18.79	18.64	18.75		
15	16QAM	1	37	18.67	18.70	18.76	18.74	18.68	20	0
15	16QAM	1	74	18.57	18.73	18.93	18.65	18.72		
15	16QAM	36	0	18.64	18.70	18.75	18.68	18.61		
15	16QAM	36	20	18.73	18.58	18.65	18.58	18.77	20	0
15	16QAM	36	39	18.75	18.59	18.68	18.58	18.63		
15	16QAM	75	0	18.73	18.60	18.77	18.64	18.70		
15	64QAM	1	0	18.62	18.71	18.85	18.70	18.79		
15	64QAM	1	37	18.66	18.58	18.82	18.68	18.76	20	0
15	64QAM	1	74	18.83	18.63	18.78	18.75	18.64		
15	64QAM	36	0	18.72	18.56	18.75	18.60	18.69		
15	64QAM	36	20	18.79	18.65	18.77	18.66	18.64	20	0
15	64QAM	36	39	18.71	18.70	18.75	18.74	18.72		
15	64QAM	75	0	18.70	18.60	18.78	18.62	18.73		
15	256QAM	1	0	18.70	18.58	18.77	18.57	18.75		
15	256QAM	1	37	18.73	18.70	18.75	18.70	18.59	20	0
15	256QAM	1	74	18.81	18.56	18.71	18.71	18.82		
15	256QAM	36	0	18.70	18.66	18.72	18.69	18.71		
15	256QAM	36	20	18.71	18.64	18.91	18.66	18.62	20	0
15	256QAM	36	39	18.63	18.58	18.73	18.67	18.75		
15	256QAM	75	0	18.70	18.63	18.73	18.66	18.62		
Channel				39700	40150	40600	41050	41500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.63	18.67	18.93	18.74	18.64		
10	QPSK	1	25	18.72	18.61	18.67	18.76	18.72	20	0
10	QPSK	1	49	18.72	18.63	18.68	18.53	18.74		
10	QPSK	25	0	18.74	18.63	18.69	18.62	18.64		
10	QPSK	25	12	18.65	18.56	18.78	18.69	18.68	20	0
10	QPSK	25	25	18.82	18.58	18.76	18.67	18.67		
10	QPSK	50	0	18.69	18.64	18.82	18.61	18.59		
10	16QAM	1	0	18.71	18.67	18.84	18.64	18.71		
10	16QAM	1	25	18.75	18.66	18.74	18.66	18.74	20	0
10	16QAM	1	49	18.66	18.77	18.83	18.63	18.67		
10	16QAM	25	0	18.62	18.67	18.80	18.58	18.71		
10	16QAM	25	12	18.74	18.53	18.66	18.68	18.77	20	0
10	16QAM	25	25	18.77	18.65	18.73	18.57	18.72		
10	16QAM	50	0	18.72	18.64	18.72	18.59	18.68		
10	64QAM	1	0	18.62	18.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3990	3975	3990		
20	QPSK	1	0	19.31	19.40	19.30	21	0
20	QPSK	1	49	19.10	19.12	19.07		
20	QPSK	1	99	19.18	19.14	19.09		
20	QPSK	50	0	19.26	19.32	19.24	21	0
20	QPSK	50	24	19.22	19.18	19.12		
20	QPSK	50	50	19.27	19.23	19.30		
20	QPSK	100	0	19.26	19.27	19.24	21	0
20	16QAM	1	0	19.25	19.27	19.16		
20	16QAM	1	49	19.19	19.18	19.21		
20	16QAM	1	99	19.14	19.12	19.25		
20	16QAM	50	0	19.15	19.13	19.17		
20	16QAM	50	24	19.20	19.13	19.14	21	0
20	16QAM	50	50	19.23	19.24	19.22		
20	16QAM	100	0	19.31	19.37	19.26		
20	64QAM	1	0	19.31	19.10	19.35		
20	64QAM	1	49	19.13	19.19	19.26	21	0
20	64QAM	1	99	19.16	19.28	19.25		
20	64QAM	50	0	19.15	19.22	19.16		
20	64QAM	50	24	19.11	19.24	19.16	21	0
20	64QAM	50	50	19.30	19.31	19.14		
20	64QAM	100	0	19.17	19.17	19.18		
20	256QAM	1	0	17.18	17.15	17.21		
20	256QAM	1	49	17.25	17.17	17.26	19	2
20	256QAM	1	99	17.18	17.25	17.18		
20	256QAM	50	0	17.35	17.33	17.35		
20	256QAM	50	24	17.13	17.13	17.27	19	2
20	256QAM	50	50	17.28	17.17	17.09		
20	256QAM	100	0	17.19	17.16	17.25		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3972.5	3975	3992.5	(dBm)	(dB)
15	QPSK	1	0	19.17	19.28	19.25	21	0
15	QPSK	1	37	19.08	19.02	19.03		
15	QPSK	1	74	19.12	19.10	19.05		
15	QPSK	36	0	19.20	19.11	19.18	21	0
15	QPSK	36	20	19.16	19.07	19.04		
15	QPSK	36	39	19.14	19.15	19.16		
15	QPSK	75	0	19.21	19.22	19.13		
15	16QAM	1	0	19.05	19.19	19.05	21	0
15	16QAM	1	37	19.13	19.01	19.12		
15	16QAM	1	74	19.07	19.01	19.15		
15	16QAM	36	0	19.04	19.07	19.10	21	0
15	16QAM	36	20	19.13	19.02	19.03		
15	16QAM	36	39	19.05	19.12	19.09		
15	16QAM	75	0	19.18	19.23	19.14		
15	64QAM	1	0	19.26	19.30	19.17	21	0
15	64QAM	1	37	19.01	19.06	19.19		
15	64QAM	1	74	19.16	19.09	19.10		
15	64QAM	36	0	19.02	19.19	19.03	21	0
15	64QAM	36	20	19.02	19.10	19.06		
15	64QAM	36	39	19.25	19.13	19.08		
15	64QAM	75	0	19.09	19.09	19.14		
15	256QAM	1	0	17.05	17.14	17.11	19	2
15	256QAM	1	37	17.17	17.09	17.25		
15	256QAM	1	74	17.02	17.23	17.10		
15	256QAM	36	0	17.27	17.20	17.16	19	2
15	256QAM	36	20	17.08	17.09	17.15		
15	256QAM	36	39	17.11	17.14	17.09		
15	256QAM	75	0	17.17	17.13	17.09		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3960	3975	3990	(dBm)	(dB)
10	QPSK	1	0	19.19	19.24	19.25	21	0
10	QPSK	1	25	19.07	19.01	19.06		
10	QPSK	1	49	19.08	19.13	19.03		
10	QPSK	25	0	19.19	19.18	19.23		
10	QPSK	25	12	19.11	19.03	19.11	21	0
10	QPSK	25	25	19.24	19.12	19.19		
10	QPSK	50	0	19.18	19.22	19.11		
10	16QAM	1	0	19.07	19.21	19.04	21	0
10	16QAM	1	25	19.04	19.08	19.15		
10	16QAM	1	49	19.02	19.08	19.09		
10	16QAM	25	0	19.13	19.05	19.06		
10	16QAM	25	12	19.07	19.01	19.01	21	0
10	16QAM	25	25	19.13	19.14	19.12		
10	16QAM	50	0	19.16	19.17	19.17		
10	64QAM	1	0	19.18	19.24	19.24		
10	64QAM	1	25	19.01	19.04	19.14	21	0
10	64QAM	1	49	19.09	19.08	19.10		
10	64QAM	25	0	19.07	19.10	19.07		
10	64QAM	25	12	19.05	19.08	19.06	21	0
10	64QAM	25	25	19.15	19.14	19.13		
10	64QAM	50	0	19.13	19.11	19.12		
10	256QAM	1	0	17.09	17.17	17.19		
10	256QAM	1	25	17.12	17.13	17.19	19	2
10	256QAM	1	49	17.08	17.02	17.11		
10	256QAM	25	0	17.24	17.20	17.16		
10	256QAM	25	12	17.03	17.06	17.20	19	2
10	256QAM	25	25	17.15	17.12	17.08		
10	256QAM	50	0	17.17	17.12	17.08		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3952.5	3975	3997.5	(dBm)	(dB)
5	QPSK	1	0	19.20	19.27	19.20	21	0
5	QPSK	1	12	19.01	19.02	19.05		
5	QPSK	1	24	19.14	19.08	19.09		
5	QPSK	12	0	19.12	19.17	19.15		
5	QPSK	12	7	19.12	19.08	19.11	21	0
5	QPSK	12	13	19.16	19.11	19.21		
5	QPSK	25	0	19.15	19.16	19.19		
5	16QAM	1	0	19.16	19.28	19.06		
5	16QAM	1	12	19.10	19.03	19.10	21	0
5	16QAM	1	24	19.11	19.04	19.08		
5	16QAM	12	0	19.03	19.09	19.03		
5	16QAM	12	7	19.09	19.02	19.02	21	0
5	16QAM	12	13	19.09	19.16	19.12		
5	16QAM	25	0	19.23	19.22	19.13		
5	64QAM	1	0	19.25	19.22	19.16		
5	64QAM	1	12	19.03	19.07	19.22	21	0
5	64QAM	1	24	19.14	19.15	19.04		
5	64QAM	12	0	19.03	19.14	19.06		
5	64QAM	12	7	19.04	19.17	19.05	21	0
5	64QAM	12	13	19.19	19.21	19.13		
5	64QAM	25	0	19.16	19.11	19.10		
5	256QAM	1	0	17.09	17.09	17.20		
5	256QAM	1	12	17.10	17.04	17.11	19	2
5	256QAM	1	24	17.07	17.24	17.14		
5	256QAM	12	0	17.18	17.19	17.16		
5	256QAM	12	7	17.09	17.08	17.17	19	2
5	256QAM	12	13	17.17	17.17	17.02		
5	256QAM	25	0	17.14	17.08	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.87	19.03	18.87	19.9	0
20	QPSK	1	49	18.87	18.91	18.90		
20	QPSK	1	99	18.96	18.97	18.82		
20	QPSK	50	0	18.93	18.99	18.83	19.9	0
20	QPSK	50	24	18.84	18.94	18.83		
20	QPSK	50	50	18.85	18.98	18.84		
20	QPSK	100	0	18.87	18.92	18.81	19.9	0
20	16QAM	1	0	18.89	18.91	18.90		
20	16QAM	1	49	18.92	18.95	18.88		
20	16QAM	1	99	18.94	18.89	18.90		
20	16QAM	50	0	18.93	18.91	18.86	19.9	0
20	16QAM	50	24	18.87	18.92	18.82		
20	16QAM	50	50	18.83	18.97	18.86		
20	16QAM	100	0	18.88	18.89	18.86		
20	64QAM	1	0	18.87	18.89	18.86	19.9	0
20	64QAM	1	49	18.88	18.89	18.92		
20	64QAM	1	99	18.85	18.90	18.87		
20	64QAM	50	0	18.88	18.99	18.91	19.9	0
20	64QAM	50	24	18.83	18.94	18.87		
20	64QAM	50	50	18.93	18.88	18.81		
20	64QAM	100	0	18.90	18.95	18.86		
20	256QAM	1	0	16.89	16.94	16.84	18	1.9
20	256QAM	1	49	16.89	16.94	16.84		
20	256QAM	1	99	16.94	16.95	16.89		
20	256QAM	50	0	16.96	16.95	16.86	18	1.9
20	256QAM	50	24	16.90	16.94	16.90		
20	256QAM	50	50	16.87	16.91	16.89		
20	256QAM	100	0	16.93	16.95	16.81		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.78	18.91	18.76	19.9	0
15	QPSK	1	37	18.82	18.94	18.87		
15	QPSK	1	74	18.79	18.89	18.67		
15	QPSK	36	0	18.70	18.89	18.79	19.9	0
15	QPSK	36	20	18.75	18.87	18.78		
15	QPSK	36	39	18.72	18.87	18.79		
15	QPSK	75	0	18.79	18.84	18.66		
15	16QAM	1	0	18.83	18.81	18.81	19.9	0
15	16QAM	1	37	18.77	18.86	18.81		
15	16QAM	1	74	18.85	18.77	18.83		
15	16QAM	36	0	18.87	18.76	18.77		
15	16QAM	36	20	18.75	18.87	18.68	19.9	0
15	16QAM	36	39	18.68	18.89	18.78		
15	16QAM	75	0	18.74	18.78	18.82		
15	64QAM	1	0	18.81	18.78	18.81	19.9	0
15	64QAM	1	37	18.84	18.81	18.83		
15	64QAM	1	74	18.75	18.76	18.80		
15	64QAM	36	0	18.82	18.92	18.81	19.9	0
15	64QAM	36	20	18.77	18.88	18.82		
15	64QAM	36	39	18.89	18.76	18.65		
15	64QAM	75	0	18.81	18.85	18.81		
15	256QAM	1	0	16.81	16.79	16.75	18	1.9
15	256QAM	1	37	16.85	16.89	16.75		
15	256QAM	1	74	16.87	16.91	16.82		
15	256QAM	36	0	16.80	16.91	16.73	18	1.9
15	256QAM	36	20	16.79	16.87	16.75		
15	256QAM	36	39	16.77	16.84	16.81		
15	256QAM	75	0	16.89	16.81	16.69		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.60	18.58	18.76	19.9	0
10	QPSK	1	25	18.73	18.80	18.74		
10	QPSK	1	49	18.80	18.81	18.69		
10	QPSK	25	0	18.68	18.68	18.71		
10	QPSK	25	12	18.77	18.66	18.74	19.9	0
10	QPSK	25	25	18.74	18.69	18.75		
10	QPSK	50	0	18.77	18.80	18.66		
10	16QAM	1	0	18.75	18.67	18.86	19.9	0
10	16QAM	1	25	18.81	18.91	18.79		
10	16QAM	1	49	18.82	18.74	18.85		
10	16QAM	25	0	18.69	18.67	18.80		
10	16QAM	25	12	18.79	18.80	18.69	19.9	0
10	16QAM	25	25	18.67	18.66	18.73		
10	16QAM	50	0	18.75	18.80	18.73		
10	64QAM	1	0	18.72	18.75	18.79	19.9	0
10	64QAM	1	25	18.78	18.82	18.83		
10	64QAM	1	49	18.74	18.75	18.75		
10	64QAM	25	0	18.74	18.92	18.77	19.9	0
10	64QAM	25	12	18.78	18.83	18.73		
10	64QAM	25	25	18.83	18.74	18.77		
10	64QAM	50	0	18.86	18.68	18.79		
10	256QAM	1	0	16.76	16.84	16.79	18	1.9
10	256QAM	1	25	16.84	16.90	16.68		
10	256QAM	1	49	16.82	16.83	16.81		
10	256QAM	25	0	16.89	16.86	16.75		
10	256QAM	25	12	16.82	16.87	16.83	18	1.9
10	256QAM	25	25	16.72	16.84	16.77		
10	256QAM	50	0	16.91	16.80	16.76		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.83	18.92	18.83	19.9	0
5	QPSK	1	12	18.83	18.77	18.80		
5	QPSK	1	24	18.74	18.91	18.77		
5	QPSK	12	0	18.85	18.87	18.70	19.9	0
5	QPSK	12	7	18.74	18.83	18.74		
5	QPSK	12	13	18.73	18.83	18.70		
5	QPSK	25	0	18.79	18.80	18.72		
5	16QAM	1	0	18.84	18.90	18.87	19.9	0
5	16QAM	1	12	18.86	18.86	18.72		
5	16QAM	1	24	18.84	18.84	18.87		
5	16QAM	12	0	18.81	18.77	18.79	19.9	0
5	16QAM	12	7	18.70	18.80	18.71		
5	16QAM	12	13	18.72	18.83	18.73		
5	16QAM	25	0	18.78	18.81	18.75		
5	64QAM	1	0	18.72	18.81	18.73	19.9	0
5	64QAM	1	12	18.80	18.80	18.87		
5	64QAM	1	24	18.78	18.75	18.72		
5	64QAM	12	0	18.77	18.83	18.86	19.9	0
5	64QAM	12	7	18.78	18.89	18.72		
5	64QAM	12	13	18.79	18.74	18.73		
5	64QAM	25	0	18.85	18.89	18.72		
5	256QAM	1	0	16.81	16.83	16.75	18	1.9
5	256QAM	1	12	16.79	16.83	16.79		
5	256QAM	1	24	16.85	16.84	16.74		
5	256QAM	12	0	16.76	16.84	16.76	18	1.9
5	256QAM	12	7	16.84	16.87	16.80		
5	256QAM	12	13	16.78	16.84	16.75		
5	256QAM	25	0	16.82	16.79	16.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44030	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	19.51	19.50	19.56	21	0
20	QPSK	1	49	19.36	19.32	19.28		
20	QPSK	1	99	19.38	19.46	19.35		
20	QPSK	50	0	19.45	19.83	19.47	21	0
20	QPSK	50	24	19.45	19.34	19.37		
20	QPSK	50	50	19.49	19.40	19.49		
20	QPSK	100	0	19.47	19.49	19.46	21	0
20	16QAM	1	0	19.41	19.46	19.31		
20	16QAM	1	49	19.39	19.34	19.42		
20	16QAM	1	99	19.36	19.34	19.42		
20	16QAM	50	0	19.39	19.34	19.36	21	0
20	16QAM	50	24	19.38	19.32	19.30		
20	16QAM	50	50	19.41	19.44	19.38		
20	16QAM	100	0	19.49	19.52	19.48		
20	64QAM	1	0	19.51	19.57	19.51	21	0
20	64QAM	1	49	19.27	19.34	19.47		
20	64QAM	1	99	19.41	19.44	19.40		
20	64QAM	50	0	19.32	19.46	19.37	21	0
20	64QAM	50	24	19.32	19.43	19.32		
20	64QAM	50	50	19.51	19.47	19.40		
20	64QAM	100	0	19.42	19.41	19.41		
20	256QAM	1	0	17.36	17.33	17.45	19	2
20	256QAM	1	49	17.42	17.39	17.45		
20	256QAM	1	99	17.36	17.51	17.44		
20	256QAM	50	0	17.51	17.47	17.49		
20	256QAM	50	24	17.37	17.37	17.49	19	2
20	256QAM	50	50	17.45	17.42	17.34		
20	256QAM	100	0	17.44	17.42	17.41		
Channel				43665	44030	44415	Tune-up limit	MPR
Frequency (MHz)				3807.5	3850	3892.5	(dBm)	(dB)
15	QPSK	1	0	19.45	19.38	19.51	21	0
15	QPSK	1	37	19.37	19.28	19.18		
15	QPSK	1	74	19.33	19.35	19.27		
15	QPSK	36	0	19.35	19.28	19.38	21	0
15	QPSK	36	20	19.35	19.27	19.32		
15	QPSK	36	39	19.42	19.28	19.35		
15	QPSK	75	0	19.40	19.31	19.32		
15	16QAM	1	0	19.31	19.30	19.23	21	0
15	16QAM	1	37	19.28	19.24	19.27		
15	16QAM	1	74	19.20	19.18	19.33		
15	16QAM	36	0	19.27	19.29	19.30	21	0
15	16QAM	36	20	19.32	19.19	19.17		
15	16QAM	36	39	19.26	19.32	19.22		
15	16QAM	75	0	19.33	19.45	19.36		
15	64QAM	1	0	19.46	19.48	19.38	21	0
15	64QAM	1	37	19.19	19.19	19.37		
15	64QAM	1	74	19.36	19.36	19.32		
15	64QAM	36	0	19.26	19.36	19.21	21	0
15	64QAM	36	20	19.14	19.28	19.26		
15	64QAM	36	39	19.41	19.41	19.35		
15	64QAM	75	0	19.27	19.27	19.35		
15	256QAM	1	0	17.24	17.28	17.40	19	2
15	256QAM	1	37	17.33	17.24	17.33		
15	256QAM	1	74	17.23	17.44	17.29		
15	256QAM	36	0	17.41	17.40	17.42	19	2
15	256QAM	36	20	17.25	17.27	17.35		
15	256QAM	36	39	17.38	17.26	17.28		
15	256QAM	75	0	17.37	17.28	17.29		
Channel				43640	44030	44540	Tune-up limit	MPR
Frequency (MHz)				3805	3850	3895	(dBm)	(dB)
10	QPSK	1	0	19.40	19.38	19.46	21	0
10	QPSK	1	25	19.27	19.17	19.14		
10	QPSK	1	49	19.33	19.29	19.27		
10	QPSK	25	0	19.41	19.32	19.38	21	0
10	QPSK	25	12	19.34	19.28	19.26		
10	QPSK	25	25	19.35	19.28	19.34		
10	QPSK	50	0	19.37	19.30	19.34		
10	16QAM	1	0	19.33	19.36	19.27	21	0
10	16QAM	1	25	19.24	19.36	19.36		
10	16QAM	1	49	19.25	19.21	19.33		
10	16QAM	25	0	19.27	19.23	19.22	21	0
10	16QAM	25	12	19.32	19.21	19.14		
10	16QAM	25	25	19.33	19.30	19.27		
10	16QAM	50	0	19.42	19.42	19.44		
10	64QAM	1	0	19.40	19.52	19.43	21	0
10	64QAM	1	25	19.18	19.21	19.35		
10	64QAM	1	49	19.32	19.29	19.26		
10	64QAM	25	0	19.17	19.38	19.32	21	0
10	64QAM	25	12	19.18	19.36	19.26		
10	64QAM	25	25	19.43	19.36	19.29		
10	64QAM	50	0	19.34	19.26	19.26		
10	256QAM	1	0	17.31	17.30	17.39	19	2
10	256QAM	1	25	17.35	17.32	17.36		
10	256QAM	1	49	17.27	17.25	17.40		
10	256QAM	25	0	17.38	17.39	17.33	19	2
10	256QAM	25	12	17.29	17.31	17.38		
10	256QAM	25	25	17.33	17.31	17.22		
10	256QAM	50	0	17.34	17.31	17.31		
Channel				43615	44030	44505	Tune-up limit	MPR
Frequency (MHz)				3802.5	3850	3897.5	(dBm)	(dB)
5	QPSK	1	0	19.39	19.39	19.43	21	0
5	QPSK	1	12	19.22	19.25	19.19		
5	QPSK	1	24	19.26	19.34	19.25		
5	QPSK	12	0	19.32	19.33	19.39	21	0
5	QPSK	12	7	19.40	19.27	19.23		
5	QPSK	12	13	19.34	19.34	19.34		
5	QPSK	25	0	19.38	19.20	19.37	21	0
5	16QAM	1	0	19.41	19.44	19.38		
5	16QAM	1	12	19.26	19.24	19.36		
5	16QAM	1	24	19.23	19.26	19.24		
5	16QAM	12	0	19.32	19.23	19.22	21	0
5	16QAM	12	7	19.25	19.24	19.24		
5	16QAM	12	13	19.31	19.33	19.33		
5	16QAM	25	0	19.41	19.39	19.41	21	0
5	64QAM	1	0	19.42	19.53	19.43		
5	64QAM	1	12	19.20	19.18	19.40		
5	64QAM	1	24	19.27	19.30	19.31		
5	64QAM	12	0	19.21	19.30	19.25	21	0
5	64QAM	12	7	19.17	19.28	19.23		
5	64QAM	12	13	19.44	19.32	19.33		
5	64QAM	25	0	19.42	19.53	19.43		
5	256QAM	1	0	17.26	17.35	17.34	19	2
5	256QAM	1	12	17.36	17.24	17.33		
5	256QAM	1	24	17.26	17.39	17.33		
5	256QAM	12	0	17.46	17.41	17.40	19	2
5	256QAM	12	7	17.22	17.28	17.35		
5	256QAM	12	13	17.30	17.34	17.27		
5	256QAM	25	0	17.39	17.36	17.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55530	55150	55640		
Frequency (MHz)				3560	3669	3641	3690		
20	QPSK	1	0	19.89	20.09	19.92	19.93	21	0
20	QPSK	1	49	20.00	19.95	19.98	19.93		
20	QPSK	1	99	20.05	19.99	19.95	19.93		
20	QPSK	50	0	20.01	20.05	19.92	19.87		
20	QPSK	50	24	20.05	20.04	19.95	19.96	21	0
20	QPSK	50	50	20.00	20.07	19.91	19.91		
20	QPSK	100	0	19.94	20.02	19.91	19.94		
20	16QAM	1	0	20.04	20.00	19.95	19.92		
20	16QAM	1	49	19.97	20.00	19.92	19.93	21	0
20	16QAM	1	99	19.97	19.98	19.93

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	19.20	19.21	19.14	20.7	0
20	QPSK	1	49	19.10	19.02	19.15		
20	QPSK	1	99	18.99	19.10	19.00		
20	QPSK	50	0	19.08	19.13	19.10	20.7	0
20	QPSK	50	24	19.12	18.93	19.04		
20	QPSK	50	50	19.04	19.02	19.04		
20	QPSK	100	0	18.94	19.06	19.04		
20	16QAM	1	0	19.02	19.02	19.02	20.7	0
20	16QAM	1	49	19.12	19.12	19.12		
20	16QAM	1	99	19.02	19.17	19.09		
20	16QAM	50	0	19.18	19.06	19.09	20.7	0
20	16QAM	50	24	19.03	18.97	18.96		
20	16QAM	50	50	18.99	19.10	19.01		
20	16QAM	100	0	19.11	19.06	19.11		
20	64QAM	1	0	19.07	19.04	19.07	20.7	0
20	64QAM	1	49	19.19	19.18	19.07		
20	64QAM	1	99	19.11	19.10	19.11		
20	64QAM	50	0	19.13	19.02	19.04	20.7	0
20	64QAM	50	24	19.05	19.06	19.09		
20	64QAM	50	50	19.04	18.98	18.99		
20	64QAM	100	0	19.07	19.11	19.14		
20	256QAM	1	0	18.32	18.38	18.24	20	0.7
20	256QAM	1	49	18.31	18.36	18.31		
20	256QAM	1	99	18.28	18.26	18.22		
20	256QAM	50	0	18.30	18.36	18.22	20	0.7
20	256QAM	50	24	18.21	18.32	18.22		
20	256QAM	50	50	18.28	18.23	18.27		
20	256QAM	100	0	18.40	18.27	18.29		
Channel				43160	43340	43510	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	19.06	19.15	19.08	20.7	0
15	QPSK	1	37	18.91	18.93	19.03		
15	QPSK	1	74	18.91	18.90	18.83		
15	QPSK	36	0	18.93	19.04	18.99	20.7	0
15	QPSK	36	20	18.91	18.90	18.96		
15	QPSK	36	39	18.91	18.95	18.95		
15	QPSK	75	0	18.91	18.89	18.94		
15	16QAM	1	0	18.90	18.85	18.83	20.7	0
15	16QAM	1	37	19.08	19.07	18.98		
15	16QAM	1	74	19.04	19.05	19.07		
15	16QAM	36	0	19.06	18.93	19.00	20.7	0
15	16QAM	36	20	18.92	18.89	18.97		
15	16QAM	36	39	18.90	18.99	18.96		
15	16QAM	75	0	18.98	18.97	19.03		
15	64QAM	1	0	18.96	18.96	18.97	20.7	0
15	64QAM	1	37	19.03	19.07	18.97		
15	64QAM	1	74	18.99	18.96	19.02		
15	64QAM	36	0	19.04	18.95	18.94	20.7	0
15	64QAM	36	20	18.96	18.90	18.88		
15	64QAM	36	39	18.90	18.95	18.92		
15	64QAM	75	0	19.06	18.97	19.02		
15	256QAM	1	0	18.22	18.18	18.23	20	0.7
15	256QAM	1	37	18.19	18.21	18.26		
15	256QAM	1	74	18.18	18.05	18.17		
15	256QAM	36	0	18.21	18.22	18.16	20	0.7
15	256QAM	36	20	18.16	18.28	18.17		
15	256QAM	36	39	18.17	18.19	18.09		
15	256QAM	75	0	18.23	18.15	18.13		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	19.14	19.11	19.11	20.7	0
10	QPSK	1	25	18.93	18.96	19.01		
10	QPSK	1	49	18.87	18.89	18.81		
10	QPSK	25	0	19.01	19.02	18.94	20.7	0
10	QPSK	25	12	18.93	18.97	18.97		
10	QPSK	25	25	18.91	18.92	18.93		
10	QPSK	50	0	18.84	18.93	18.86	20.7	0
10	16QAM	1	0	18.84	18.86	18.86		
10	16QAM	1	25	19.01	19.02	19.01		
10	16QAM	1	49	19.06	19.05	18.97		
10	16QAM	25	0	19.05	18.96	19.02	20.7	0
10	16QAM	25	12	19.03	18.89	18.97		
10	16QAM	25	25	18.91	18.96	18.92		
10	16QAM	50	0	19.00	19.01	19.05		
10	64QAM	1	0	18.98	18.96	18.95	20.7	0
10	64QAM	1	25	18.98	19.08	19.00		
10	64QAM	1	49	18.92	18.92	19.01		
10	64QAM	25	0	18.97	19.04	18.93	20.7	0
10	64QAM	25	12	18.95	18.92	18.99		
10	64QAM	25	25	18.93	18.93	18.96		
10	64QAM	50	0	18.97	18.97	18.96	20.7	0
10	256QAM	1	0	18.13	18.22	18.21		
10	256QAM	1	25	18.19	18.19	18.17	20	0.7
10	256QAM	1	49	18.16	18.09	18.18		
10	256QAM	25	0	18.23	18.19	18.15	20	0.7
10	256QAM	25	12	18.15	18.21	18.11		
10	256QAM	25	25	18.19	18.16	18.08		
10	256QAM	50	0	18.26	18.15	18.12		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	19.05	19.11	19.08	20.7	0
5	QPSK	1	12	18.94	18.95	19.01		
5	QPSK	1	24	18.86	18.93	18.84		
5	QPSK	12	0	18.95	18.98	18.95	20.7	0
5	QPSK	12	7	18.92	18.83	18.92		
5	QPSK	12	13	18.88	18.95	18.97		
5	QPSK	25	0	18.87	18.90	18.93	20.7	0
5	16QAM	1	0	18.85	18.93	18.93		
5	16QAM	1	12	19.01	19.06	19.01		
5	16QAM	1	24	19.13	19.03	18.97		
5	16QAM	12	0	18.98	19.00	18.98	20.7	0
5	16QAM	12	7	18.93	18.86	18.94		
5	16QAM	12	13	18.93	18.99	18.97		
5	16QAM	25	0	18.97	18.99	18.97		
5	64QAM	1	0	18.96	19.01	19.06	20.7	0
5	64QAM	1	12	19.03	19.06	18.98		
5	64QAM	1	24	18.91	18.92	19.05		
5	64QAM	12	0	19.00	18.96	18.88	20.7	0
5	64QAM	12	7	18.93	18.91	18.97		
5	64QAM	12	13	19.00	18.97	18.89		
5	64QAM	25	0	18.99	19.02	18.95		
5	256QAM	1	0	18.13	18.19	18.08	20	0.7
5	256QAM	1	12	18.21	18.29	18.25		
5	256QAM	1	24	18.15	18.12	18.15		
5	256QAM	12	0	18.25	18.19	18.17	20	0.7
5	256QAM	12	7	18.22	18.19	18.15		
5	256QAM	12	13	18.20	18.09	18.14		
5	256QAM	25	0	18.22	18.11	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.79	20.95	20.86	21.9	0
20	QPSK	1	49	20.79	20.82	20.78		
20	QPSK	1	99	20.87	20.90	20.82		
20	QPSK	50	0	20.81	20.89	20.80	21.9	0
20	QPSK	50	24	20.82	20.83	20.81		
20	QPSK	50	50	20.88	20.83	20.78		
20	QPSK	100	0	20.80	20.82	20.78		
20	16QAM	1	0	20.79	20.80	20.81	21.9	0
20	16QAM	1	49	20.82	20.90	20.88		
20	16QAM	1	99	20.87	20.80	20.80		
20	16QAM	50	0	20.86	20.81	20.86	21.9	0
20	16QAM	50	24	20.84	20.84	20.84		
20	16QAM	50	50	20.86	20.79	20.81		
20	16QAM	100	0	20.84	20.84	20.83		
20	64QAM	1	0	20.77	20.87	20.78	21.9	0
20	64QAM	1	49	20.87	20.83	20.84		
20	64QAM	1	99	20.83	20.85	20.84		
20	64QAM	50	0	19.88	20.00	19.93	21	0.9
20	64QAM	50	24	19.95	20.07	19.95		
20	64QAM	50	50	19.93	20.07	19.98		
20	64QAM	100	0	19.90	20.03	19.98		
20	256QAM	1	0	17.92	18.00	17.96	19	2.9
20	256QAM	1	49	17.91	18.03	17.91		
20	256QAM	1	99	17.90	18.01	17.90		
20	256QAM	50	0	17.86	18.08	17.90	19	2.9
20	256QAM	50	24	17.86	18.07	17.96		
20	256QAM	50	50	17.92	18.04	17.91		
20	256QAM	100	0	17.87	18.00	17.99		
Channel				42190	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.71	20.85	20.75	21.9	0
15	QPSK	1	37	20.66	20.72	20.68		
15	QPSK	1	74	20.81	20.78	20.67		
15	QPSK	36	0	20.87	20.80	20.85	21.9	0
15	QPSK	36	20	20.77	20.74	20.76		
15	QPSK	36	39	20.75	20.72	20.69		
15	QPSK	75	0	20.68	20.74	20.67		
15	16QAM	1	0	20.73	20.65	20.72	21.9	0
15	16QAM	1	37	20.75	20.81	20.80		
15	16QAM	1	74	20.72	20.66	20.68		
15	16QAM	36	0	20.76	20.69	20.70	21.9	0
15	16QAM	36	20	20.78	20.76	20.75		
15	16QAM	36	39	20.80	20.75	20.86		
15	16QAM	75	0	20.69	20.69	20.70		
15	64QAM	1	0	20.70	20.77	20.69	21.9	0
15	64QAM	1	37	20.80	20.79	20.72		
15	64QAM	1	74	20.77	20.80	20.74		
15	64QAM	36	0	19.75	19.88	19.88	21	0.9
15	64QAM	36	20	19.82	20.02	19.85		
15	64QAM	36	39	19.80	19.98	19.82		
15	64QAM	75	0	19.83	19.88	19.86		
15	256QAM	1	0	17.76	17.94	17.85	19	2.9
15	256QAM	1	37	17.78	17.91	17.81		
15	256QAM	1	74	17.74	17.90	17.85		
15	256QAM	36	0	17.74	17.96	17.79	19	2.9
15	256QAM	36	20	17.80	17.90	17.85		
15	256QAM	36	39	17.82	17.98	17.78		
15	256QAM	75	0	17.75	17.87	17.89		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.64	20.84	20.76	21.9	0
10	QPSK	1	25	20.69	20.77	20.71		
10	QPSK	1	49	20.71	20.82	20.75		
10	QPSK	25	0	20.74	20.78	20.68	21.9	0
10	QPSK	25	12	20.68	20.76	20.72		
10	QPSK	25	25	20.81	20.70	20.68		
10	QPSK	50	0	20.73	20.73	20.72	21.9	0
10	16QAM	1	0	20.78	20.69	20.76		
10	16QAM	1	25	20.70	20.81	20.77		
10	16QAM	1	49	20.72	20.66	20.75		
10	16QAM	25	0	20.67	20.75	20.68	21.9	0
10	16QAM	25	12	20.77	20.72	20.71		
10	16QAM	25	25	20.72	20.68	20.75		
10	16QAM	50	0	20.68	20.74	20.74	21.9	0
10	64QAM	1	0	20.71	20.80	20.65		
10	64QAM	1	25	20.78	20.71	20.72		
10	64QAM	1	49	20.72	20.73	20.71		
10	64QAM	25	0	19.78	19.95	19.78	21	0.9
10	64QAM	25	12	19.79	19.92	19.80		
10	64QAM	25	25	19.84	19.94	19.92		
10	64QAM	50	0	19.77	19.87	19.89		
10	256QAM	1	0	17.80	17.87	17.88	19	2.9
10	256QAM	1	25	17.80	17.90	17.85		
10	256QAM	1	49	17.86	17.87	17.86		
10	256QAM	25	0	17.74	17.94	17.78	19	2.9
10	256QAM	25	12	17.76	17.91	17.85		
10	256QAM	25	25	17.79	17.99	17.76		
10	256QAM	50	0	17.72	17.95	17.83		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.70	20.89	20.75	21.9	0
5	QPSK	1	12	20.66	20.76	20.67		
5	QPSK	1	24	20.76	20.83	20.66		
5	QPSK	12	0	20.73	20.74	20.73	21.9	0
5	QPSK	12	7	20.77	20.68	20.73		
5	QPSK	12	13	20.84	20.69	20.67		
5	QPSK	25	0	20.81	20.71	20.73	21.9	0
5	16QAM	1	0	20.66	20.72	20.77		
5	16QAM	1	12	20.73	20.85	20.74		
5	16QAM	1	24	20.81	20.74	20.73		
5	16QAM	12	0	20.76	20.71	20.71	21.9	0
5	16QAM	12	7	20.69	20.69	20.77		
5	16QAM	12	13	20.79	20.72	20.70		
5	16QAM	25	0	20.72	20.78	20.67		
5	64QAM	1	0	20.73	20.75	20.66	21.9	0
5	64QAM	1	12	20.77	20.80	20.74		
5	64QAM	1	24	20.71	20.75	20.72		
5	64QAM	12	0	19.81	19.87	19.85	21	0.9
5	64QAM	12	7	19.81	19.93	19.82		
5	64QAM	12	13	19.80	19.93	19.85		
5	64QAM	25	0	19.85	19.87	19.82		
5	256QAM	1	0	17.77	17.91	17.88	19	2.9
5	256QAM	1	12	17.80	17.99	17.83		
5	256QAM	1	24	17.85	17.86	17.75		
5	256QAM	12	0	17.80	17.97	17.84	19	2.9
5	256QAM	12	7	17.82	17.99	17.81		
5	256QAM	12	13	17.79	18.00	17.77		
5	256QAM	25	0	17.74	17.95	17.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44050	44400		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.29	19.31	19.26	20.7	0
20	QPSK	1	49	19.18	19.17	19.22		
20	QPSK	1	99	19.07	19.15	19.07		
20	QPSK	50	0	19.17	19.21	19.14	20.7	0
20	QPSK	50	24	19.16	19.07	19.14		
20	QPSK	50	50	19.12	19.10	19.18		
20	QPSK	100	0	19.09	19.13	19.10		
20	16QAM	1	0	19.07	19.10	19.08	20.7	0
20	16QAM	1	49	19.24	19.25	19.16		
20	16QAM	1	99	19.27	19.25	19.22		
20	16QAM	50	0	19.23	19.18	19.17	20.7	0
20	16QAM	50	24	19.18	19.09	19.11		
20	16QAM	50	50	19.11	19.19	19.11		
20	16QAM	100	0	19.18	19.18	19.20		
20	64QAM	1	0	19.18	19.20	19.20	20.7	0
20	64QAM	1	49	19.24	19.26	19.16		
20	64QAM	1	99	19.16	19.16	19.23		
20	64QAM	50	0	19.20	19.18	19.13	20.7	0
20	64QAM	50	24	19.14	19.12	19.14		
20	64QAM	50	50	19.15	19.11	19.08		
20	64QAM	100	0	19.22	19.18	19.18		
20	256QAM	1	0	18.37	18.43	18.37	20	0.7
20	256QAM	1	49	18.36	18.45	18.44		
20	256QAM	1	99	18.36	18.31	18.35		
20	256QAM	50	0	18.40	18.42	18.34	20	0.7
20	256QAM	50	24	18.36	18.44	18.37		
20	256QAM	50	50	18.42	18.34	18.34		
20	256QAM	100	0	18.45	18.35	18.35		
Channel				43665	44050	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.16	19.22	19.20	20.7	0
15	QPSK	1	37	19.07	19.10	19.11		
15	QPSK	1	74	18.95	19.01	18.95		
15	QPSK	36	0	19.12	19.04	19.08	20.7	0
15	QPSK	36	20	19.05	18.94	19.06		
15	QPSK	36	39	19.05	18.99	19.13		
15	QPSK	75	0	19.05	19.02	19.15		
15	16QAM	1	0	18.93	19.00	18.97	20.7	0
15	16QAM	1	37	19.09	19.14	19.09		
15	16QAM	1	74	19.20	19.12	19.09		
15	16QAM	36	0	19.13	19.07	19.12	20.7	0
15	16QAM	36	20	19.12	18.96	19.05		
15	16QAM	36	39	18.95	19.14	19.02		
15	16QAM	75	0	19.14	19.06	19.12		
15	64QAM	1	0	19.13	19.10	19.14	20.7	0
15	64QAM	1	37	19.20	19.13	19.08		
15	64QAM	1	74	19.03	19.11	19.19		
15	64QAM	36	0	19.11	19.05	19.04	20.7	0
15	64QAM	36	20	19.01	18.96	18.99		
15	64QAM	36	39	19.01	18.97	18.95		
15	64QAM	75	0	19.08	19.12	19.11		
15	256QAM	1	0	18.30	18.27	18.25	20	0.7
15	256QAM	1	37	18.30	18.31	18.38		
15	256QAM	1	74	18.30	18.21	18.29		
15	256QAM	36	0	18.25	18.37	18.30	20	0.7
15	256QAM	36	20	18.27	18.34	18.29		
15	256QAM	36	39	18.30	18.19	18.27		
15	256QAM	75	0	18.39	18.26	18.25		
Channel				43640	44050	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	19.24	19.12	19.17	20.7	0
10	QPSK	1	25	19.02	19.03	19.08		
10	QPSK	1	49	19.01	19.10	19.01		
10	QPSK	25	0	19.10	19.02	19.04	20.7	0
10	QPSK	25	12	19.07	18.97	19.08		
10	QPSK	25	25	19.00	19.01	19.12		
10	QPSK	50	0	18.96	18.99	19.12	20.7	0
10	16QAM	1	0	19.01	19.04	18.94		
10	16QAM	1	25	19.19	19.12	19.10		
10	16QAM	1	49	19.18	19.20	19.10		
10	16QAM	25	0	18.98	19.12	19.08	20.7	0
10	16QAM	25	12	19.09	19.04	18.98		
10	16QAM	25	25	19.04	19.08	18.98		
10	16QAM	50	0	19.08	19.11	19.15	20.7	0
10	64QAM	1	0	19.03	19.13	19.08		
10	64QAM	1	25	19.16	19.18	19.12		
10	64QAM	1	49	19.03	19.09	19.14		
10	64QAM	25	0	19.08	19.09	19.05	20.7	0
10	64QAM	25	12	19.06	19.01	19.08		
10	64QAM	25	25	19.02	19.03	19.08		
10	64QAM	50	0	19.10	19.13	19.06	20.7	0
10	256QAM	1	0	18.31	18.34	18.23	20	0.7
10	256QAM	1	25	18.41	18.41	18.35		
10	256QAM	1	49	18.22	18.19	18.31		
10	256QAM	25	0	18.27	18.37	18.29	20	0.7
10	256QAM	25	12	18.24	18.34	18.32		
10	256QAM	25	25	18.37	18.29	18.20		
10	256QAM	50	0	18.32	18.24	18.28		
Channel				43615	44050	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	19.23	19.19	19.17	20.7	0
5	QPSK	1	12	19.04	19.12	19.11		
5	QPSK	1	24	18.97	19.07	19.01		
5	QPSK	12	0	19.02	18.98	19.01	20.7	0
5	QPSK	12	7	19.05	18.91	19.04		
5	QPSK	12	13	19.02	19.01	19.06		
5	QPSK	25	0	19.01	18.96	19.15	20.7	0
5	16QAM	1	0	18.96	19.02	19.02		
5	16QAM	1	12	19.11	19.13	19.01		
5	16QAM	1	24	19.16	19.06	19.01		
5	16QAM	12	0	19.19	19.08	19.08	20.7	0
5	16QAM	12	7	19.08	18.93	18.97		
5	16QAM	12	13	19.05	19.11	19.06		
5	16QAM	25	0	19.10	19.04	19.15		
5	64QAM	1	0	19.03	19.08	19.15	20.7	0
5	64QAM	1	12	19.08	19.16	19.08		
5	64QAM	1	24	19.01	19.02	19.14		
5	64QAM	12	0	19.08	19.02	19.07	20.7	0
5	64QAM	12	7	19.09	19.01	19.09		
5	64QAM	12	13	19.05	19.05	19.00		
5	64QAM	25	0	19.08	19.07	19.05		
5	256QAM	1	0	18.30	18.32	18.26	20	0.7
5	256QAM	1	12	18.30	18.33	18.37		
5	256QAM	1	24	18.24	18.18	18.28		
5	256QAM	12	0	18.25	18.37	18.25	20	0.7
5	256QAM	12	7	18.27	18.35	18.27		
5	256QAM	12	13	18.28	18.19	18.19		
5	256QAM	25	0	18.36	18.27	18.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55620	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.57	19.75	19.69	19.69	20.7	0
20	QPSK	1	49	19.60	19.76	19.65	19.62		
20	QPSK	1	99	19.68	19.62	19.61	19.59		
20	QPSK	50	0	19.58	19.71	19.62	19.62	20.7	0
20	QPSK	50	24	19.64	19.62	19.64	19.61		
20	QPSK	50	50	19.58	19.64	19.69	19.64		
20	QPSK	100	0	19.63	19.64	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	19.52	19.63	19.50		
20	QPSK	1	49	19.44	19.37	19.47	20.7	0
20	QPSK	1	99	19.46	19.37	19.49		
20	QPSK	50	0	19.30	19.61	19.43		
20	QPSK	50	24	19.48	19.35	19.44	20.7	0
20	QPSK	50	50	19.47	19.47	19.40		
20	QPSK	100	0	19.42	19.46	19.39		
20	16QAM	1	0	19.47	19.39	19.49		
20	16QAM	1	49	19.40	19.39	19.42	20.7	0
20	16QAM	1	99	19.40	19.52	19.44		
20	16QAM	50	0	19.38	19.50	19.41		
20	16QAM	50	24	19.43	19.51	19.52	20.7	0
20	16QAM	50	50	19.40	19.54	19.37		
20	16QAM	100	0	19.41	19.46	19.36		
20	64QAM	1	0	19.47	19.41	19.29		
20	64QAM	1	49	19.42	19.40	19.43	20.7	0
20	64QAM	1	99	19.54	19.42	19.39		
20	64QAM	50	0	19.40	19.39	19.43		
20	64QAM	50	24	19.40	19.54	19.35	20.7	0
20	64QAM	50	50	19.51	19.48	19.52		
20	64QAM	100	0	19.38	19.29	19.36		
20	256QAM	1	0	17.61	17.55	17.52		
20	256QAM	1	49	17.47	17.47	17.46	18.8	1.9
20	256QAM	1	99	17.46	17.53	17.52		
20	256QAM	50	0	17.47	17.52	17.47		
20	256QAM	50	24	17.44	17.49	17.57	18.8	1.9
20	256QAM	50	50	17.51	17.50	17.46		
20	256QAM	100	0	17.46	17.52	17.52		
Channel				43190	43340	43315	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	19.38	19.46	19.50		
15	QPSK	1	37	19.35	19.29	19.28	20.7	0
15	QPSK	1	74	19.41	19.31	19.34		
15	QPSK	36	0	19.24	19.40	19.37		
15	QPSK	36	20	19.30	19.29	19.35	20.7	0
15	QPSK	36	39	19.42	19.35	19.38		
15	QPSK	75	0	19.37	19.37	19.31		
15	16QAM	1	0	19.37	19.32	19.39		
15	16QAM	1	37	19.33	19.38	19.40	20.7	0
15	16QAM	1	74	19.30	19.35	19.24		
15	16QAM	36	0	19.35	19.44	19.31		
15	16QAM	36	20	19.37	19.39	19.48	20.7	0
15	16QAM	36	39	19.39	19.41	19.34		
15	16QAM	75	0	19.26	19.37	19.23		
15	64QAM	1	0	19.37	19.29	19.22		
15	64QAM	1	37	19.39	19.33	19.30	20.7	0
15	64QAM	1	74	19.37	19.27	19.36		
15	64QAM	36	0	19.29	19.24	19.35		
15	64QAM	36	20	19.29	19.40	19.31	20.7	0
15	64QAM	36	39	19.39	19.33	19.42		
15	64QAM	75	0	19.28	19.22	19.29		
15	256QAM	1	0	17.52	17.42	17.38		
15	256QAM	1	37	17.24	17.42	17.46	18.8	1.9
15	256QAM	1	74	17.44	17.42	17.46		
15	256QAM	36	0	17.40	17.37	17.35		
15	256QAM	36	20	17.34	17.40	17.40	18.8	1.9
15	256QAM	36	39	17.47	17.42	17.34		
15	256QAM	75	0	17.39	17.43	17.43		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	19.42	19.44	19.45		
10	QPSK	1	25	19.30	19.38	19.37	20.7	0
10	QPSK	1	49	19.36	19.23	19.33		
10	QPSK	25	0	19.22	19.48	19.29		
10	QPSK	25	12	19.37	19.37	19.37	20.7	0
10	QPSK	25	25	19.38	19.37	19.36		
10	QPSK	50	0	19.26	19.33	19.32		
10	16QAM	1	0	19.32	19.31	19.52		
10	16QAM	1	25	19.33	19.35	19.42	20.7	0
10	16QAM	1	49	19.25	19.32	19.27		
10	16QAM	25	0	19.29	19.42	19.45		
10	16QAM	25	12	19.31	19.37	19.44	20.7	0
10	16QAM	25	25	19.39	19.45	19.37		
10	16QAM	50	0	19.34	19.34	19.23		
10	64QAM	1	0	19.27	19.27	19.25		
10	64QAM	1	25	19.29	19.32	19.30	20.7	0
10	64QAM	1	49	19.34	19.33	19.36		
10	64QAM	25	0	19.21	19.35	19.38		
10	64QAM	25	12	19.35	19.40	19.28	20.7	0
10	64QAM	25	25	19.38	19.28	19.40		
10	64QAM	50	0	19.23	19.19	19.34		
10	256QAM	1	0	17.48	17.43	17.38		
10	256QAM	1	25	17.24	17.39	17.38	18.8	1.9
10	256QAM	1	49	17.45	17.37	17.37		
10	256QAM	25	0	17.39	17.41	17.41		
10	256QAM	25	12	17.36	17.38	17.38	18.8	1.9
10	256QAM	25	25	17.47	17.44	17.43		
10	256QAM	50	0	17.39	17.40	17.47		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	19.37	19.49	19.43		
5	QPSK	1	12	19.34	19.37	19.32	20.7	0
5	QPSK	1	24	19.39	19.23	19.39		
5	QPSK	12	0	19.28	19.48	19.33		
5	QPSK	12	7	19.33	19.28	19.28	20.7	0
5	QPSK	12	13	19.44	19.36	19.31		
5	QPSK	25	0	19.35	19.42	19.34		
5	16QAM	1	0	19.40	19.33	19.31		
5	16QAM	1	12	19.30	19.36	19.37	20.7	0
5	16QAM	1	24	19.28	19.42	19.34		
5	16QAM	12	0	19.34	19.35	19.37		
5	16QAM	12	7	19.37	19.42	19.46	20.7	0
5	16QAM	12	13	19.37	19.40	19.34		
5	16QAM	25	0	19.34	19.37	19.28		
5	64QAM	1	0	19.30	19.28	19.16		
5	64QAM	1	12	19.30	19.35	19.36	20.7	0
5	64QAM	1	24	19.34	19.34	19.31		
5	64QAM	12	0	19.22	19.25	19.30		
5	64QAM	12	7	19.31	19.42	19.31	20.7	0
5	64QAM	12	13	19.44	19.31	19.44		
5	64QAM	25	0	19.24	19.25	19.25		
5	256QAM	1	0	17.52	17.40	17.48		
5	256QAM	1	12	17.32	17.42	17.26	18.8	1.9
5	256QAM	1	24	17.33	17.36	17.37		
5	256QAM	12	0	17.33	17.37	17.32		
5	256QAM	12	7	17.44	17.46	17.42	18.8	1.9
5	256QAM	12	13	17.41	17.44	17.42		
5	256QAM	25	0	17.42	17.40	17.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.67	19.81	19.68		
20	QPSK	1	49	19.64	19.72	19.61	20.7	0
20	QPSK	1	99	19.64	19.75	19.71		
20	QPSK	50	0	19.67	19.78	19.61		
20	QPSK	50	24	19.74	19.75	19.65	20.7	0
20	QPSK	50	50	19.71	19.68	19.62		
20	QPSK	100	0	19.71	19.78	19.62		
20	16QAM	1	0	19.64	19.68	19.70		
20	16QAM	1	49	19.72	19.76	19.69	20.7	0
20	16QAM	1	99	19.73	19.73	19.60		
20	16QAM	50	0	19.62	19.78	19.62		
20	16QAM	50	24	19.72	19.68	19.63	20.7	0
20	16QAM	50	50	19.73	19.79	19.63		
20	16QAM	100	0	19.72	19.73	19.63		
20	64QAM	1	0	19.68	19.76	19.63		
20	64QAM	1	49	19.63	19.74	19.63	20.7	0
20	64QAM	1	99	19.70	19.67	19.67		
20	64QAM	50	0	18.98	19.14	18.93		
20	64QAM	50	24	19.02	19.14	18.94	20	0.7
20	64QAM	50	50	19.03	19.18	18.93		
20	64QAM	100	0	18.94	19.14	18.96		
20	256QAM	1	0	16.93	17.11	16.96		
20	256QAM	1	49	16.95	17.14	16.99	18	2.7
20	256QAM	1	99	16.92	17.10	17.02		
20	256QAM	50	0	17.01	17.06	17.04		
20	256QAM	50	24	16.99	17.06	16.97	18	2.7
20	256QAM	50	50	17.00	17.11	16.92		
20	256QAM	100	0	17.02	17.17	17.03		
Channel				42190	42590	42815	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	19.53	19.67	19.63		
15	QPSK	1	37	19.53	19.57	19.56	20.7	0
15	QPSK	1	74	19.56	19.70	19.59		
15	QPSK	36	0	19.53	19.63	19.47		
15	QPSK	36	20	19.62	19.71	19.58	20.7	0
15	QPSK	36	39	19.59	19.59	19.54		
15	QPSK	75	0	19.59	19.74	19.50		
15	16QAM	1	0	19.60	19.54	19.63		
15	16QAM	1	37	19.85	19.70	19.54	20.7	0
15	16QAM	1	74	19.64	19.69	19.50		
15	16QAM	36	0	19.54	19.63	19.51		
15	16QAM	36	20	19.85	19.58	19.51	20.7	0
15	16QAM	36	39	19.59	19.69	19.47		
15	16QAM	75	0	19.58	19.67	19.48		
15	64QAM	1	0	19.54	19.71	19.49		
15	64QAM	1	37	19.52	19.70	19.55	20.7	0
15	64QAM	1	74	19.62	19.51	19.54		
15	64QAM	36	0	18.83	19.06	18.78		
15	64QAM	36	20	18.86	19.04	18.80	20	0.7
15	64QAM	36	39	18.88	19.01	18.86		
15	64QAM	75	0	18.88	19.09	18.82		
15	256QAM	1	0	16.87	17.05	16.82		
15	256QAM	1	37	16.86	17.15	16.92	18	2.7
15	256QAM	1	74	16.76	17.01	16.89		
15	256QAM	36	0	16.89	16.95	16.95		
15	256QAM	36	20	16.93	16.98	16.88	18	2.7
15	256QAM	36	39	16.96	16.95	16.77		
15	256QAM	75	0	16.96	17.06	16.94		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	19.53	19.76	19.52		
10	QPSK	1	25	19.57	19.75	19.48	20.7	0
10	QPSK	1	49	19.51	19.62	19.58		
10	QPSK	25	0	19.54	19.66	19.47		
10	QPSK	25	12	19.68	19.56	19.59	20.7	0
10	QPSK	25	25	19.68	19.56	19.51		
10	QPSK	50	0	19.58	19.68	19.47		
10	16QAM	1	0	19.51	19.58	19.65		
10	16QAM	1	25	19.67	19.66	19.57	20.7	0
10	16QAM	1	49	19.69	19.63	19.49		
10	16QAM	25	0	19.56	19.67	19.57		
10	16QAM	25	12	19.63	19.52	19.51	20.7	0
10	16QAM	25	25	19.58	19.70	19.57		
10	16QAM	50	0	19.64	19.61	19.56		
10	64QAM	1	0	19.57	19.63	19.55		
10	64QAM	1	25	19.52	19.60	19.49	20.7	0
10	64QAM	1	49	19.61	19.56	19.60		
10	64QAM	25	0	18.92	19.07	18.84		
10	64QAM	25	12	18.95	19.07	18.83	20	0.7
10	64QAM	25	25	18.93	19.11	18.77		
10	64QAM	50	0	18.83	19.00	18.89		
10	256QAM	1	0	16.79	17.06	16.85		
10	256QAM	1	25	16.80	17.12	16.85	18	2.7
10	256QAM	1	49	16.78	16.98	16.88		
10	256QAM	25	0	16.92	17.05	16.94		
10	256QAM	25	12	16.94	17.01	16.86	18	2.7
10	256QAM	25	25	16.92	17.03	16.80		
10	256QAM	50	0	16.94	17.05	16.88		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	19.58	19.67	19.60		
5	QPSK	1	12	19.57	19.67	19.50	20.7	0
5	QPSK	1	24	19.53	19.70	19.56		
5	QPSK	12	0	19.62	19.73	19.48		
5	QPSK	12	7	19.69	19.70	19.58	20.7	0
5	QPSK	12	13	19.60	19.57	19.56		
5	QPSK	25	0	19.57	19.62	19.56		
5	16QAM	1	0	19.53	19.54	19.60		
5	16QAM	1	12	19.64	19.72	19.59	20.7	0
5	16QAM	1	24	19.64	19.62	19.45		
5	16QAM	12	0	19.50	19.68	19.50		
5	16QAM	12	7	19.58	19.60	19.58	20.7	0
5	16QAM	12	13	19.68	19.68	19.48		
5	16QAM	25	0	19.59	19.59	19.53		
5	64QAM	1	0	19.54	19.62	19.54		
5	64QAM	1	12	19.50	19.66	19.49	20.7	0
5	64QAM	1	24	19.59	19.56	19.57		
5	64QAM	12	0	18.92	19.00	18.82		
5	64QAM	12	7	18.93	19.07	18.82	20	0.7
5	64QAM	12	13	18.96	19.02	18.89		
5	64QAM	25	0	18.89	19.07	18.89		
5	256QAM	1	0	16.85	17.06	16.90		
5	256QAM	1	12	16.86	17.05	16.94	18	2.7
5	256QAM	1	24	16.80	16.97	16.91		
5	256QAM	12	0	16.88	17.01	17.00		
5	256QAM	12	7	16.94	17.00	16.93	18	2.7
5	256QAM	12	13	16.95	17.06	16.81		
5	256QAM	25	0	16.89	17.08	16.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.68	19.76	19.75		
20	QPSK	1	49	19.62	19.63	19.61	20.9	0
20	QPSK	1	99	19.66	19.58	19.67		
20	QPSK	50	0	19.53	19.75	19.62		
20	QPSK	50	24	19.63	19.59	19.63	20.9	0
20	QPSK	50	50	19.70	19.71	19.64		
20	QPSK	100	0	19.61	19.68	19.62		
20	16QAM	1	0	19.66	19.58	19.64		
20	16QAM	1	49	19.62	19.63	19.68	20.9	0
20	16QAM	1	99	19.59	19.68	19.60		
20	16QAM	50	0	19.61	19.70	19.66		
20	16QAM	50	24	19.63	19.72	19.72	20.9	0
20	16QAM	50	50	19.63	19.69	19.63		
20	16QAM	100	0	19.60	19.67	19.56		
20	64QAM	1	0	19.62	19.61	19.52		
20	64QAM	1	49	19.64	19.60	19.65	20.9	0
20	64QAM	1	99	19.69	19.62	19.62		
20	64QAM	50	0	19.56	19.60	19.66		
20	64QAM	50	24	19.64	19.69	19.61	20.9	0
20	64QAM	50	50	19.71	19.63	19.74		
20	64QAM	100	0	19.56	19.52	19.60		
20	256QAM	1	0	17.79	17.78	17.72		
20	256QAM	1	49	17.59	17.68	17.71	19	1.9
20	256QAM	1	99	17.69	17.72	17.72		
20	256QAM	50	0	17.68	17.72	17.67		
20	256QAM	50	24	17.70	17.71	17.74	19	1.9
20	256QAM	50	50	17.76	17.72	17.69		
20	256QAM	100	0	17.69	17.67	17.72		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.60	19.72	19.69		
15	QPSK	1	37	19.46	19.56	19.53	20.9	0
15	QPSK	1	74	19.62	19.46	19.56		
15	QPSK	36	0	19.38	19.47	19.48		
15	QPSK	36	20	19.53	19.54	19.58	20.9	0
15	QPSK	36	39	19.55	19.59	19.55		
15	QPSK	75	0	19.59	19.59	19.62		
15	16QAM	1	0	19.53	19.53	19.49		
15	16QAM	1	37	19.57	19.53	19.55	20.9	0
15	16QAM	1	74	19.48	19.61	19.54		
15	16QAM	36	0	19.52	19.58	19.61		
15	16QAM	36	20	19.51	19.59	19.65	20.9	0
15	16QAM	36	39	19.54	19.54	19.54		
15	16QAM	75	0	19.52	19.60	19.43		
15	64QAM	1	0	19.57	19.55	19.44		
15	64QAM	1	37	19.48	19.45	19.61	20.9	0
15	64QAM	1	74	19.57	19.58	19.51		
15	64QAM	36	0	19.52	19.44	19.60		
15	64QAM	36	20	19.53	19.56	19.48	20.9	0
15	64QAM	36	39	19.62	19.54	19.60		
15	64QAM	75	0	19.46	19.46	19.56		
15	256QAM	1	0	17.66	17.70	17.59		
15	256QAM	1	37	17.51	17.62	17.56	19	1.9
15	256QAM	1	74	17.63	17.68	17.66		
15	256QAM	36	0	17.52	17.60	17.52		
15	256QAM	36	20	17.57	17.60	17.62	19	1.9
15	256QAM	36	39	17.66	17.58	17.59		
15	256QAM	75	0	17.62	17.52	17.57		
Channel				43640	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	19.60	19.66	19.67		
10	QPSK	1	25	19.58	19.57	19.58	20.9	0
10	QPSK	1	49	19.53	19.44	19.60		
10	QPSK	25	0	19.38	19.48	19.54		
10	QPSK	25	12	19.68	19.52	19.51	20.9	0
10	QPSK	25	25	19.64	19.59	19.50		
10	QPSK	50	0	19.55	19.62	19.60		
10	16QAM	1	0	19.53	19.48	19.51		
10	16QAM	1	25	19.46	19.52	19.52	20.9	0
10	16QAM	1	49	19.44	19.62	19.54		
10	16QAM	25	0	19.55	19.61	19.61		
10	16QAM	25	12	19.55	19.66	19.67	20.9	0
10	16QAM	25	25	19.48	19.62	19.49		
10	16QAM	50	0	19.55	19.57	19.43		
10	64QAM	1	0	19.51	19.57	19.39		
10	64QAM	1	25	19.54	19.51	19.52	20.9	0
10	64QAM	1	49	19.55	19.53	19.58		
10	64QAM	25	0	19.41	19.45	19.58		
10	64QAM	25	12	19.50	19.61	19.52	20.9	0
10	64QAM	25	25	19.59	19.55	19.70		
10	64QAM	50	0	19.50	19.41	19.48		
10	256QAM	1	0	17.67	17.65	17.62		
10	256QAM	1	25	17.55	17.54	17.56	19	1.9
10	256QAM	1	49	17.56	17.63	17.58		
10	256QAM	25	0	17.58	17.67	17.61		
10	256QAM	25	12	17.58	17.63	17.63	19	1.9
10	256QAM	25	25	17.70	17.58	17.56		
10	256QAM	50	0	17.57	17.63	17.66		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	19.61	19.67	19.68		
5	QPSK	1	12	19.52	19.55	19.53	20.9	0
5	QPSK	1	24	19.55	19.51	19.54		
5	QPSK	12	0	19.45	19.48	19.58		
5	QPSK	12	7	19.49	19.46	19.49	20.9	0
5	QPSK	12	13	19.60	19.57	19.59		
5	QPSK	25	0	19.53	19.53	19.53		
5	16QAM	1	0	19.50	19.43	19.60		
5	16QAM	1	12	19.48	19.53	19.52	20.9	0
5	16QAM	1	24	19.42	19.45	19.46		
5	16QAM	12	0	19.54	19.64	19.59		
5	16QAM	12	7	19.57	19.65	19.58	20.9	0
5	16QAM	12	13	19.48	19.48	19.48		
5	16QAM	25	0	19.53	19.62	19.52		
5	64QAM	1	0	19.48	19.52	19.39		
5	64QAM	1	12	19.48	19.46	19.50	20.9	0
5	64QAM	1	24	19.60	19.55	19.46		
5	64QAM	12	0	19.41	19.45	19.61		
5	64QAM	12	7	19.54	19.61	19.52	20.9	0
5	64QAM	12	13	19.63	19.58	19.65		
5	64QAM	25	0	19.47	19.36	19.53		
5	256QAM	1	0	17.68	17.68	17.67		
5	256QAM	1	12	17.45	17.55	17.55	19	1.9
5	256QAM	1	24	17.53	17.65	17.63		
5	256QAM	12	0	17.56	17.58	17.60		
5	256QAM	12	7	17.59	17.63	17.65	19	1.9
5	256QAM	12	13	17.69	17.58	17.58		
5	256QAM	25	0	17.65	17.56	17.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56640	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.69	19.93	19.73	19.76		
20	QPSK	1	49	19.80	19.80	19.69	19.74	20.9	0
20	QPSK	1	99	19.74	19.81	19.67	19.75		
20	QPSK	50	0	19.79	19.91	19.70	19.85		
20	QPSK	50	24	19.83	19.90	19.75	19.75	20.9	0
20	QPSK	50	50	19.80	19.80	19.74	19.80		
20	QPSK	100	0	19.78	19.89	19

Band 42 Ant 8 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	17.16	17.21	17.06		
20	QPSK	1	49	17.11	17.17	17.01	18.5	0
20	QPSK	1	99	17.09	17.00	17.10		
20	QPSK	50	0	17.06	17.17	17.03		
20	QPSK	50	24	16.99	16.89	17.08	18.5	0
20	QPSK	50	50	17.15	17.13	17.08		
20	QPSK	100	0	17.01	17.09	17.07		
20	16QAM	1	0	17.05	17.04	17.10		
20	16QAM	1	49	17.06	17.06	17.05	18.5	0
20	16QAM	1	99	17.03	17.02	16.96		
20	16QAM	50	0	17.07	17.07	17.12		
20	16QAM	50	24	17.03	17.05	17.06	18.5	0
20	16QAM	50	50	17.17	17.08	17.06		
20	16QAM	100	0	17.10	16.95	17.06		
20	64QAM	1	0	17.08	17.09	17.06		
20	64QAM	1	49	17.05	17.01	17.09	18.5	0
20	64QAM	1	99	17.14	16.99	17.08		
20	64QAM	50	0	16.93	17.03	17.06		
20	64QAM	50	24	16.96	16.97	17.00	18.5	0
20	64QAM	50	50	17.18	17.09	17.08		
20	64QAM	100	0	17.18	17.14	17.15		
20	256QAM	1	0	17.03	17.06	17.03		
20	256QAM	1	49	17.10	17.07	17.08	18.5	0
20	256QAM	1	99	17.13	17.17	17.04		
20	256QAM	50	0	17.11	16.96	17.07		
20	256QAM	50	24	17.03	17.00	17.08	18.5	0
20	256QAM	50	50	17.18	17.09	17.10		
20	256QAM	100	0	17.04	17.17	17.06		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	17.04	17.07	17.05		
15	QPSK	1	37	16.95	17.00	16.93	18.5	0
15	QPSK	1	74	17.08	16.96	17.04		
15	QPSK	36	0	16.92	17.02	16.95		
15	QPSK	36	20	16.84	16.85	16.91	18.5	0
15	QPSK	36	39	17.04	16.98	17.02		
15	QPSK	75	0	16.91	16.95	16.97		
15	16QAM	1	0	17.03	16.93	16.99		
15	16QAM	1	37	17.01	16.98	16.91	18.5	0
15	16QAM	1	74	16.96	16.84	16.82		
15	16QAM	36	0	16.96	16.98	16.98		
15	16QAM	36	20	16.99	16.93	16.96	18.5	0
15	16QAM	36	39	17.04	16.96	17.06		
15	16QAM	75	0	16.96	16.91	16.88		
15	64QAM	1	0	16.97	16.89	16.96		
15	64QAM	1	37	16.87	16.91	16.97	18.5	0
15	64QAM	1	74	16.95	16.92	16.94		
15	64QAM	36	0	16.88	16.99	16.97		
15	64QAM	36	20	16.90	16.96	16.94	18.5	0
15	64QAM	36	39	16.99	16.91	16.99		
15	64QAM	75	0	17.04	17.02	16.95		
15	256QAM	1	0	16.89	17.03	17.01		
15	256QAM	1	37	17.08	17.00	16.96	18.5	0
15	256QAM	1	74	17.09	17.01	16.90		
15	256QAM	36	0	17.00	16.92	16.95		
15	256QAM	36	20	16.91	16.86	16.91	18.5	0
15	256QAM	36	39	17.03	16.96	16.93		
15	256QAM	75	0	16.97	16.98	16.97		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	17.02	17.04	17.00		
10	QPSK	1	25	17.02	16.99	16.94	18.5	0
10	QPSK	1	49	16.99	16.89	16.99		
10	QPSK	25	0	16.90	17.03	17.00		
10	QPSK	25	12	16.82	16.87	16.93	18.5	0
10	QPSK	25	25	16.96	16.96	17.01		
10	QPSK	50	0	16.96	16.91	16.94		
10	16QAM	1	0	17.02	16.97	16.98		
10	16QAM	1	25	16.96	16.91	16.91	18.5	0
10	16QAM	1	49	16.98	16.90	16.81		
10	16QAM	25	0	16.98	16.92	17.02		
10	16QAM	25	12	16.93	16.97	16.91	18.5	0
10	16QAM	25	25	17.04	16.93	17.04		
10	16QAM	50	0	16.99	16.89	16.88		
10	64QAM	1	0	17.04	16.99	16.93		
10	64QAM	1	25	16.92	16.98	17.07	18.5	0
10	64QAM	1	49	16.97	16.94	16.94		
10	64QAM	25	0	16.85	16.95	16.96		
10	64QAM	25	12	16.84	16.86	16.98	18.5	0
10	64QAM	25	25	17.07	16.91	17.06		
10	64QAM	50	0	17.07	17.03	17.03		
10	256QAM	1	0	16.96	17.01	16.96		
10	256QAM	1	25	17.06	17.06	17.06	18.5	0
10	256QAM	1	49	17.01	17.01	16.90		
10	256QAM	25	0	16.96	16.98	16.98		
10	256QAM	25	12	16.84	16.86	16.99	18.5	0
10	256QAM	25	25	17.06	16.91	16.92		
10	256QAM	50	0	16.96	16.98	16.98		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	17.06	17.12	16.96		
5	QPSK	1	12	17.05	17.03	16.93	18.5	0
5	QPSK	1	24	17.03	16.93	17.09		
5	QPSK	12	0	16.98	16.97	16.93		
5	QPSK	12	7	16.82	16.88	16.97	18.5	0
5	QPSK	12	13	17.00	17.00	16.92		
5	QPSK	25	0	16.93	16.99	16.90		
5	16QAM	1	0	17.04	16.97	17.03		
5	16QAM	1	12	16.98	16.92	16.85	18.5	0
5	16QAM	1	24	16.97	16.87	16.90		
5	16QAM	12	0	16.96	16.96	16.99		
5	16QAM	12	7	17.01	16.92	16.99	18.5	0
5	16QAM	12	13	17.09	16.94	17.00		
5	16QAM	25	0	16.96	16.90	16.88		
5	64QAM	1	0	17.03	16.92	16.96		
5	64QAM	1	12	16.92	16.90	16.98	18.5	0
5	64QAM	1	24	17.03	16.86	16.90		
5	64QAM	12	0	16.93	16.92	16.99		
5	64QAM	12	7	16.94	16.91	16.93	18.5	0
5	64QAM	12	13	17.00	16.98	17.01		
5	64QAM	25	0	17.08	17.01	16.95		
5	256QAM	1	0	16.86	16.97	17.01		
5	256QAM	1	12	17.06	16.99	16.97	18.5	0
5	256QAM	1	24	17.03	17.07	16.89		
5	256QAM	12	0	16.94	16.95	16.96		
5	256QAM	12	7	16.86	16.92	16.95	18.5	0
5	256QAM	12	13	17.08	16.93	16.96		
5	256QAM	25	0	17.06	17.02	16.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.21	20.41	20.11		
20	QPSK	1	49	20.28	20.36	20.21	21.2	0
20	QPSK	1	99	20.25	20.29	20.21		
20	QPSK	50	0	20.24	20.32	20.18		
20	QPSK	50	24	20.27	20.31	20.21	21.2	0
20	QPSK	50	50	20.20	20.30	20.23		
20	QPSK	100	0	20.25	20.33	20.23		
20	16QAM	1	0	20.22	20.28	20.19		
20	16QAM	1	49	20.20	20.34	20.18	21.2	0
20	16QAM	1	99	20.29	20.30	20.19		
20	16QAM	50	0	20.31	20.30	20.23		
20	16QAM	50	24	20.26	20.38	20.26	21.2	0
20	16QAM	50	50	20.30	20.33	20.15		
20	16QAM	100	0	20.22	20.38	20.25		
20	64QAM	1	0	20.27	20.37	20.16		
20	64QAM	1	49	20.23	20.27	20.21	21.2	0
20	64QAM	1	99	20.26	20.32	20.17		
20	64QAM	50	0	20.05	20.15	19.86		
20	64QAM	50	24	20.03	20.17	19.97	21	0.2
20	64QAM	50	50	20.07	20.18	19.89		
20	64QAM	100	0	19.98	20.12	19.86		
20	256QAM	1	0	18.01	18.08	17.87		
20	256QAM	1	49	17.96	18.13	17.90	19	2.2
20	256QAM	1	99	17.97	18.12	17.92		
20	256QAM	50	0	17.95	18.16	17.91		
20	256QAM	50	24	18.00	18.14	17.90	19	2.2
20	256QAM	50	50	18.01	18.12	17.93		
20	256QAM	100	0	17.96	18.10	17.92		
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.16	20.26	19.98		
15	QPSK	1	37	20.18	20.28	20.14	21.2	0
15	QPSK	1	74	20.20	20.16	20.08		
15	QPSK	36	0	20.13	20.21	20.03		
15	QPSK	36	20	20.19	20.28	20.13	21.2	0
15	QPSK	36	39	20.11	20.16	20.14		
15	QPSK	75	0	20.18	20.22	20.14		
15	16QAM	1	0	20.14	20.19	20.12		
15	16QAM	1	37	20.07	20.23	20.06	21.2	0
15	16QAM	1	74	20.24	20.24	20.12		
15	16QAM	36	0	20.20	20.16	20.10		
15	16QAM	36	20	20.13	20.30	20.14	21.2	0
15	16QAM	36	39	20.21	20.22	20.03		
15	16QAM	75	0	20.06	20.27	20.12		
15	64QAM	1	0	20.13	20.27	20.12		
15	64QAM	1	37	20.13	20.22	20.17	21.2	0
15	64QAM	1	74	20.16	20.13	20.06		
15	64QAM	36	0	20.01	20.02	19.80		
15	64QAM	36	20	19.94	20.09	19.85	21	0.2
15	64QAM	36	39	20.02	20.11	19.74		
15	64QAM	75	0	19.87	20.02	19.82		
15	256QAM	1	0	17.88	17.94	17.74		
15	256QAM	1	37	17.90	18.07	17.83	19	2.2
15	256QAM	1	74	17.83	18.07	17.79		
15	256QAM	36	0	17.84	18.06	17.84		
15	256QAM	36	20	17.95	18.08	17.77	19	2.2
15	256QAM	36	39	17.92	18.07	17.87		
15	256QAM	75	0	17.86	17.96	17.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.06	20.27	20.03		
10	QPSK	1	25	20.14	20.25	20.14	21.2	0
10	QPSK	1	49	20.12	20.18	20.13		
10	QPSK	25	0	20.16	20.20	20.05		
10	QPSK	25	12	20.22	20.32	20.14	21.2	0
10	QPSK	25	25	20.05	20.14	20.14		
10	QPSK	50	0	20.16	20.27	20.13		
10	16QAM	1	0	20.14	20.18	20.11		
10	16QAM	1	25	20.12	20.20	20.03	21.2	0
10	16QAM	1	49	20.23	20.21	20.08		
10	16QAM	25	0	20.20	20.18	20.13		
10	16QAM	25	12	20.15	20.26	20.12	21.2	0
10	16QAM	25	25	20.15	20.24	20.03		
10	16QAM	50	0	20.08	20.22	20.13		
10	64QAM	1	0	20.19	20.33	20.09		
10	64QAM	1	25	20.11	20.13	20.16	21.2	0
10	64QAM	1	49	20.13	20.24	20.12		
10	64QAM	25	0	19.99	20.01	19.74		
10	64QAM	25	12	19.89	20.01	19.81	21	0.2
10	64QAM	25	25	19.92	20.06	19.76		
10	64QAM	50	0	19.85	20.05	19.78		
10	256QAM	1	0	17.94	17.95	17.73		
10	256QAM	1	25	17.83	18.03	17.82	19	2.2
10	256QAM	1	49	17.86	17.97	17.83		
10	256QAM	25	0	17.82	18.00	17.84		
10	256QAM	25	12	17.98	17.99	17.86	19	2.2
10	256QAM	25	25	17.87	18.04	17.80		
10	256QAM	50	0	17.83	18.05	17.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.08	20.19	20.02		
5	QPSK	1	12	20.14	20.30	20.16	21.2	0
5	QPSK	1	24	20.12	20.13	20.08		
5	QPSK	12	0	20.17	20.18	20.11		
5	QPSK	12	7	20.21	20.34	20.14	21.2	0
5	QPSK	12	13	20.13	20.22	20.09		
5	QPSK	25	0	20.11	20.28	20.16		
5	16QAM	1	0	20.12	20.18	20.10		
5	16QAM	1	12	20.08	20.27	20.12	21.2	0
5	16QAM	1	24	20.19	20.20	20.10		
5	16QAM	12	0	20.25	20.20	20.08		
5	16QAM	12	7	20.15	20.33	20.14	21.2	0
5	16QAM	12	13	20.17	20.26	20.03		
5	16QAM	25	0	20.07	20.34	20.11		
5	64QAM	1	0	20.14	20.27	20.02		
5	64QAM	1	12	20.14	20.26	20.05	21.2	0
5	64QAM	1	24	20.15	20.18	20.02		
5	64QAM	12	0	19.97	20.06	19.82		
5	64QAM	12	7	19.93	20.06	19.84	21	0.2
5	64QAM	12	13	19.92	20.02	19.83		
5	64QAM	25	0	19.88	19.99	19.80		
5	256QAM	1	0	17.97	17.98	17.75		
5	256QAM	1	12	17.83	17.98	17.86	19	2.2
5	256QAM	1	24	17.88	17.98	17.80		
5	256QAM	12	0	17.88	18.04	17.86		
5	256QAM	12	7	17.90	18.01	17.78	19	2.2
5	256QAM	12	13	17.90	18.03	17.87		
5	256QAM	25	0	17.80	17.95	17.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	17.52	17.59	17.52		
20	QPSK	1	49	17.51	17.53	17.43	18.5	0
20	QPSK	1	99	17.55	17.43	17.53		
20	QPSK	50	0	17.46	17.52	17.46		
20	QPSK	50	24	17.36	17.34	17.46	18.5	0
20	QPSK	50	50	17.51	17.51	17.46		
20	QPSK	100	0	17.43	17.45	17.42		
20	16QAM	1	0	17.51	17.43	17.42		
20	16QAM	1	49	17.48	17.44	17.40	18.5	0
20	16QAM	1	99	17.46	17.37	17.35		
20	16QAM	50	0	17.51	17.48	17.51		
20	16QAM	50	24	17.48	17.45	17.45	18.5	0
20	16QAM	50	50	17.53	17.45	17.51		
20	16QAM	100	0	17.47	17.41	17.41		
20	64QAM	1	0	17.50	17.45	17.42		
20	64QAM	1	49	17.42	17.47	17.51	18.5	0
20	64QAM	1	99	17.49	17.40	17.45		
20	64QAM	50	0	17.38	17.46	17.44		
20	64QAM	50	24	17.40	17.41	17.43	18.5	0
20	64QAM	50	50	17.53	17.45	17.53		
20	64QAM	100	0	17.53	17.52	17.50		
20	256QAM	1	0	17.40	17.50	17.45		
20	256QAM	1	49	17.54	17.52	17.44	18.5	0
20	256QAM	1	99	17.54	17.54	17.44		
20	256QAM	50	0	17.46	17.42	17.48		
20	256QAM	50	24	17.38	17.39	17.44	18.5	0
20	256QAM	50	50	17.55	17.45	17.44		
20	256QAM	100	0	17.50	17.51	17.52		
Channel				43490	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	17.37	17.46	17.44		
15	QPSK	1	37	17.45	17.40	17.35	18.5	0
15	QPSK	1	74	17.45	17.34	17.40		
15	QPSK	36	0	17.30	17.45	17.31		
15	QPSK	36	20	17.28	17.27	17.31	18.5	0
15	QPSK	36	39	17.44	17.39	17.34		
15	QPSK	75	0	17.29	17.33	17.39		
15	16QAM	1	0	17.42	17.32	17.39		
15	16QAM	1	37	17.35	17.30	17.32	18.5	0
15	16QAM	1	74	17.41	17.28	17.29		
15	16QAM	36	0	17.40	17.44	17.42		
15	16QAM	36	20	17.36	17.32	17.36	18.5	0
15	16QAM	36	39	17.45	17.33	17.41		
15	16QAM	75	0	17.33	17.32	17.31		
15	64QAM	1	0	17.44	17.40	17.37		
15	64QAM	1	37	17.36	17.32	17.47	18.5	0
15	64QAM	1	74	17.35	17.26	17.32		
15	64QAM	36	0	17.28	17.31	17.31		
15	64QAM	36	20	17.29	17.32	17.36	18.5	0
15	64QAM	36	39	17.47	17.40	17.40		
15	64QAM	75	0	17.44	17.46	17.39		
15	256QAM	1	0	17.35	17.41	17.40		
15	256QAM	1	37	17.43	17.37	17.42	18.5	0
15	256QAM	1	74	17.40	17.41	17.37		
15	256QAM	36	0	17.40	17.33	17.38		
15	256QAM	36	20	17.24	17.25	17.37	18.5	0
15	256QAM	36	39	17.41	17.36	17.30		
15	256QAM	75	0	17.42	17.46	17.40		
Channel				43490	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	17.38	17.54	17.43		
10	QPSK	1	25	17.45	17.41	17.30	18.5	0
10	QPSK	1	49	17.45	17.34	17.45		
10	QPSK	25	0	17.35	17.40	17.41		
10	QPSK	25	12	17.34	17.44	17.31	18.5	0
10	QPSK	25	25	17.45	17.39	17.42		
10	QPSK	50	0	17.32	17.36	17.31		
10	16QAM	1	0	17.47	17.37	17.34		
10	16QAM	1	25	17.38	17.38	17.29	18.5	0
10	16QAM	1	49	17.30	17.25	17.21		
10	16QAM	25	0	17.38	17.33	17.36		
10	16QAM	25	12	17.32	17.37	17.40	18.5	0
10	16QAM	25	25	17.38	17.38	17.39		
10	16QAM	50	0	17.39	17.31	17.33		
10	64QAM	1	0	17.41	17.32	17.35		
10	64QAM	1	25	17.37	17.33	17.36	18.5	0
10	64QAM	1	49	17.43	17.28	17.32		
10	64QAM	25	0	17.23	17.30	17.37		
10	64QAM	25	12	17.35	17.31	17.27	18.5	0
10	64QAM	25	25	17.38	17.31	17.43		
10	64QAM	50	0	17.46	17.38	17.41		
10	256QAM	1	0	17.31	17.45	17.39		
10	256QAM	1	25	17.45	17.46	17.31	18.5	0
10	256QAM	1	49	17.42	17.39	17.32		
10	256QAM	25	0	17.38	17.35	17.42		
10	256QAM	25	12	17.29	17.31	17.29	18.5	0
10	256QAM	25	25	17.49	17.31	17.29		
10	256QAM	50	0	17.39	17.44	17.37		
Channel				43415	44090	44765	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	17.37	17.48	17.46		
5	QPSK	1	12	17.43	17.45	17.29	18.5	0
5	QPSK	1	24	17.42	17.33	17.40		
5	QPSK	12	0	17.33	17.43	17.36		
5	QPSK	12	7	17.27	17.26	17.41	18.5	0
5	QPSK	12	13	17.46	17.39	17.38		
5	QPSK	25	0	17.38	17.29	17.44		
5	16QAM	1	0	17.37	17.31	17.44		
5	16QAM	1	12	17.40	17.38	17.33	18.5	0
5	16QAM	1	24	17.40	17.36	17.37		
5	16QAM	12	0	17.41	17.32	17.38		
5	16QAM	12	7	17.38	17.34	17.33	18.5	0
5	16QAM	12	13	17.38	17.36	17.37		
5	16QAM	25	0	17.42	17.31	17.27		
5	64QAM	1	0	17.35	17.40	17.36		
5	64QAM	1	12	17.32	17.41	17.42	18.5	0
5	64QAM	1	24	17.44	17.24	17.32		
5	64QAM	12	0	17.33	17.33	17.29		
5	64QAM	12	7	17.24	17.32	17.36	18.5	0
5	64QAM	12	13	17.48	17.34	17.46		
5	64QAM	25	0	17.42	17.43	17.41		
5	256QAM	1	0	17.31	17.40	17.39		
5	256QAM	1	12	17.42	17.39	17.39	18.5	0
5	256QAM	1	24	17.41	17.44	17.36		
5	256QAM	12	0	17.32	17.34	17.43		
5	256QAM	12	7	17.26	17.27	17.33	18.5	0
5	256QAM	12	13	17.45	17.34	17.38		
5	256QAM	25	0	17.37	17.47	17.47		

Band 48 Ant 8 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56158	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.64	17.75	17.57	17.54		
20	QPSK	1	49	17.69	17.68	17.52	17.64	18.5	0
20	QPSK	1	99	17.57	17.69	17.59	17.54		
20	QPSK	50	0	17.62	17.69	17.51	17.58		
20	QPSK	50	24	17.64	17.60	17.50	17.63	18.5	0
20	QPSK	50	50	17.58	17.68	17.57	17.62		
20	QPSK	100	0	17.59	17.62	17.58	17.52		
20

GSM850 Ant0 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.65	16.61	17.50

Band		WCDMA II Ant0 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI3			Tune-up Limit (dBm)	WCDMA V Ant0 DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.78	22.62	24.00	22.99	23.08	22.92	24.00	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.81	22.71	24.00	23.08	23.12	23.05	24.00	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	21.81	21.82	21.75	23.00	22.02	22.12	22.09	23.00	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.84	21.76	23.00	22.10	22.15	22.03	23.00	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.37	21.17	22.50	21.58	21.58	21.60	22.50	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.35	21.16	22.50	21.57	21.65	21.51	22.50	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.85	21.75	23.00	22.13	22.16	22.07	23.00	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.82	21.77	21.72	23.00	22.11	22.06	22.05	23.00	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.33	21.26	22.50	21.57	21.56	21.57	22.50	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.27	21.32	21.24	22.50	21.54	21.56	21.52	22.50	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	21.81	21.80	21.67	23.00	22.09	22.07	22.05	23.00	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.75	19.67	21.00	20.13	20.09	20.06	21.00	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	20.85	20.81	20.73	22.00	21.08	21.15	21.04	22.00	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	19.85	19.82	19.76	21.00	20.10	20.16	20.09	21.00	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	21.84	21.85	21.76	23.00	22.13	22.08	22.00	23.00	22.22	22.30	22.24	23.00

Band 2 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.05	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	21.00	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.04	17.01		
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.76		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.96	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.91	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 4 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.14	22.25	22.20	23.6	0
20	QPSK	1	49	22.05	22.20	22.10		
20	QPSK	1	99	22.10	22.15	22.17		
20	QPSK	50	0	21.15	21.25	21.22	23	0.6
20	QPSK	50	24	21.09	21.17	21.11		
20	QPSK	50	50	21.14	21.15	21.16		
20	QPSK	100	0	21.15	21.24	21.23		
20	16QAM	1	0	21.09	21.23	21.16	23	0.6
20	16QAM	1	49	21.03	21.24	21.13		
20	16QAM	1	99	21.13	21.20	21.11		
20	16QAM	50	0	20.12	20.26	20.21	22	1.6
20	16QAM	50	24	20.03	20.18	20.12		
20	16QAM	50	50	20.18	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10	22	1.6
20	64QAM	1	49	20.01	20.19	20.09		
20	64QAM	1	99	20.14	20.19	20.07		
20	64QAM	50	0	19.09	19.21	19.20	21	2.6
20	64QAM	50	24	19.04	19.21	19.07		
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17	19	4.6
20	256QAM	1	49	17.10	17.17	17.12		
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.34	17.29	19	4.6
20	256QAM	50	24	17.04	17.26	17.22		
20	256QAM	50	50	17.00	17.25	17.11		
20	256QAM	100	0	17.14	17.28	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.20	22.22	23.6	0
15	QPSK	1	37	22.12	22.20	22.13		
15	QPSK	1	74	22.11	22.19	22.10		
15	QPSK	36	0	21.06	21.29	21.16	23	0.6
15	QPSK	36	20	21.11	21.26	21.13		
15	QPSK	36	39	21.09	21.23	21.12		
15	QPSK	75	0	21.24	21.29	21.14		
15	16QAM	1	0	21.20	21.21	21.26	23	0.6
15	16QAM	1	37	21.11	21.20	21.05		
15	16QAM	1	74	21.07	21.13	21.11		
15	16QAM	36	0	20.22	20.28	20.17	22	1.6
15	16QAM	36	20	20.17	20.25	20.09		
15	16QAM	36	39	20.06	20.17	20.14		
15	16QAM	75	0	20.20	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27	22	1.6
15	64QAM	1	37	20.05	20.23	20.10		
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16	21	2.6
15	64QAM	36	20	19.19	19.26	19.21		
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17	19	4.6
15	256QAM	1	37	17.13	17.25	17.14		
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17	19	4.6
15	256QAM	36	20	17.12	17.21	17.27		
15	256QAM	36	39	17.13	17.21	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.19	22.23	22.22	23.6	0
10	QPSK	1	25	22.11	22.22	22.10		
10	QPSK	1	49	22.12	22.22	22.13		
10	QPSK	25	0	21.22	21.28	21.19	23	0.6
10	QPSK	25	12	21.10	21.21	21.15		
10	QPSK	25	25	21.09	21.21	21.15		
10	QPSK	50	0	21.25	21.26	21.19		
10	16QAM	1	0	21.21	21.22	21.24	23	0.6
10	16QAM	1	25	21.07	21.19	21.07		
10	16QAM	1	49	21.06	21.18	21.13		
10	16QAM	25	0	20.24	20.30	20.18	22	1.6
10	16QAM	25	12	20.16	20.23	20.14		
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.32	20.19		
10	64QAM	1	0	20.15	20.23	20.27	22	1.6
10	64QAM	1	25	20.08	20.19	20.10		
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15	21	2.6
10	64QAM	25	12	19.21	19.24	19.20		
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10		
10	256QAM	1	0	17.28	17.30	17.21	19	4.6
10	256QAM	1	25	17.15	17.25	17.14		
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.20	17.30	17.19	19	4.6
10	256QAM	25	12	17.11	17.24	17.29		
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.17	22.20	22.22	23.6	0
5	QPSK	1	12	22.11	22.21	22.15		
5	QPSK	1	24	22.14	22.20	22.14		
5	QPSK	12	0	21.21	21.27	21.15	23	0.6
5	QPSK	12	7	21.13	21.23	21.13		
5	QPSK	12	13	21.10	21.23	21.13		
5	QPSK	25	0	21.27	21.26	21.16		
5	16QAM	1	0	21.18	21.24	21.27	23	0.6
5	16QAM	1	12	21.10	21.20	21.05		
5	16QAM	1	24	21.10	21.16	21.09		
5	16QAM	12	0	20.24	20.31	20.17	22	1.6
5	16QAM	12	7	20.17	20.23	20.14		
5	16QAM	12	13	20.06	20.18	20.16		
5	16QAM	25	0	20.16	20.28	20.21		
5	64QAM	1	0	20.09	20.19	20.28	22	1.6
5	64QAM	1	12	20.10	20.22	20.14		
5	64QAM	1	24	20.11	20.19	20.12		
5	64QAM	12	0	19.21	19.23	19.18	21	2.6
5	64QAM	12	7	19.15	19.22	19.21		
5	64QAM	12	13	19.11	19.22	19.14		
5	64QAM	25	0	19.30	19.31	19.12		
5	256QAM	1	0	17.25	17.31	17.20	19	4.6
5	256QAM	1	12	17.10	17.28	17.18		
5	256QAM	1	24	17.05	17.24	17.16		
5	256QAM	12	0	17.22	17.33	17.21	19	4.6
5	256QAM	12	7	17.15	17.29	17.19		
5	256QAM	12	13	17.16	17.20	17.14		
5	256QAM	25	0	17.04	17.10	17.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.20	23.6	0
3	QPSK	1	8	22.12	22.24	22.12		
3	QPSK	1	14	22.11	22.20	22.15		
3	QPSK	8	0	21.25	21.32	21.18	23	0.6
3	QPSK	8	4	21.12	21.24	21.11		
3	QPSK	8	7	21.09	21.20	21.16		
3	QPSK	15	0	21.26	21.28	21.16		
3	16QAM	1	0	21.17	21.21	21.22	23	0.6
3	16QAM	1	8	21.12	21.20	21.08		
3	16QAM	1	14	21.05	21.15	21.10		
3	16QAM	8	0	20.23	20.30	20.15	22	1.6
3	16QAM	8	4	20.17	20.21	20.15		
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27	22	1.6
3	64QAM	1	8	20.08	20.19	20.15		
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19	21	2.6
3	64QAM	8	4	19.16	19.22	19.20		
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07		
3	256QAM	1	0	17.24	17.27	17.18	19	4.6
3	256QAM	1	8	17.15	17.28	17.13		
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21	19	4.6
3	256QAM	8	4	17.16	17.22	17.29		
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.19	22.16	23.6	0
1.4	QPSK	1	3	22.00	22.15	22.10		
1.4	QPSK	1	5	22.05	22.15	22.18		
1.4	QPSK	3	0	22.01	22.08	22.15		
1.4	QPSK	3	1	22.01	22.09	22.03		
1.4	QPSK	3	3	22.05	22.05	22.06		
1.4	QPSK	6	0	21.08	21.26	21.26	23	0.6
1.4	16QAM	1	0	21.09	21.25	21.18	23	0.6
1.4	16QAM	1	3	21.05	21.22	21.12		
1.4	16QAM	1	5	21.08	21.18	21.05		
1.4	16QAM	3	0	21.10	21.20	21.18		
1.4	16QAM	3	1	21.02	21.17	21.08		
1.4	16QAM	3	3	21.05	21.15	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	22	1.6
1.4	64QAM	1	0	20.09	20.18	20.11	22	1.6
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07		
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.01	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	21	2.6
1.4	256QAM	1	0	17.04	17.27	17.11	19	4.6
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16		
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.25	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	19	4.6

Band 5 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2
10	16QA

Band 12 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.94		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.90	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.86		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.86	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				23017	23025	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

Band 13 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.96		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 17 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.63		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.70	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

Band 25 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08		
20	QPSK	1	49	22.00	22.05	21.97	23	0
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17		
20	QPSK	50	24	20.96	21.16	20.91	22	1
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.05		
20	16QAM	1	0	21.16	21.18	21.03		
20	16QAM	1	49	21.03	21.17	20.93	22	1
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01		
20	16QAM	50	24	19.92	20.20	19.87	21	2
20	16QAM	50	50	19.84	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17		
20	64QAM	1	49	20.05	20.05	19.97	21	2
20	64QAM	1	99	19.93	20.16	20.01		
20	64QAM	50	0	19.14	19.16	19.01		
20	64QAM	50	24	18.96	19.24	18.92	20	3
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04		
20	256QAM	1	49	17.01	17.07	16.88	18	5
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14		
20	256QAM	50	24	17.20	17.16	17.14	18	5
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98		
15	QPSK	1	37	21.97	22.00	21.91	23	0
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05		
15	QPSK	36	20	20.89	21.12	20.84	22	1
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00		
15	16QAM	1	37	20.91	21.15	20.89	22	1
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96		
15	16QAM	36	20	19.87	20.11	19.76	21	2
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05		
15	64QAM	1	37	19.91	19.95	19.95	21	2
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88		
15	64QAM	36	20	18.86	19.17	18.78	20	3
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94		
15	256QAM	1	37	16.92	16.96	16.83	18	5
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08		
15	256QAM	36	20	17.14	17.10	17.11	18	5
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06		
10	QPSK	1	25	21.93	21.96	21.84	23	0
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11		
10	QPSK	25	12	20.89	21.08	20.77	22	1
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94		
10	16QAM	1	25	20.93	21.09	20.80	22	1
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98		
10	16QAM	25	12	19.87	20.13	19.84	21	2
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13		
10	64QAM	1	25	19.94	19.99	19.92	21	2
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90		
10	64QAM	25	12	18.82	19.19	18.82	20	3
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99		
10	256QAM	1	25	16.87	17.05	16.77	18	5
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07		
10	256QAM	25	12	17.12	17.09	17.02	18	5
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06		
5	QPSK	1	12	21.88	22.01	21.93	23	0
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09		
5	QPSK	12	7	20.87	21.08	20.84	22	1
5	QPSK	12	13	20.82	20.96	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95		
5	16QAM	1	12	20.99	21.11	20.90	22	1
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96		
5	16QAM	12	7	19.79	20.09	19.82	21	2
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05		
5	64QAM	1	12	19.91	20.03	19.85	21	2
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97		
5	64QAM	12	7	18.91	19.11	18.79	20	3
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01		
5	256QAM	1	12	16.95	17.02	16.80	18	5
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05		
5	256QAM	12	7	17.15	17.11	17.03	18	5
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98		
3	QPSK	1	8	21.90	21.99	21.93	23	0
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04		
3	QPSK	8	4	20.85	21.05	20.79	22	1
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00		
3	16QAM	1	8	20.97	21.10	20.82	22	1
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91		
3	16QAM	8	4	19.86	20.06	19.81	21	2
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08		
3	64QAM	1	8	19.93	19.98	19.91	21	2
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.98		
3	64QAM	8	4	18.91	19.17	18.79	20	3
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94		
3	256QAM	1	8	16.92	16.94	16.83	18	5
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04		
3	256QAM	8	4	17.18	17.05	17.04	18	5
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04		
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89	23	0
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90		
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91	22	1
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13		
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95	21	2
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90		
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85	18	5
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73		
15	QPSK	1	37	22.64	22.83	22.70	24	0
15	QPSK	1	74	22.66	22.82	22.59		
15	QPSK	36	0	21.81	21.87	21.73		
15	QPSK	36	20	21.68	21.80	21.65	23	1
15	QPSK	36	39	21.62	21.78	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77		
15	16QAM	1	37	21.64	21.88	21.65	23	1
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74		
15	16QAM	36	20	20.63	20.93	20.61	22	2
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78		
15	64QAM	1	37	20.67	20.82	20.70	22	2
15	64QAM	1	74	20.55	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71		
15	64QAM	36	20	19.69	19.87	19.68	21	3
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69		
15	256QAM	1	37	17.67	17.92	17.69	19	5
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.51	17.89	17.79		
15	256QAM	36	20	17.75	17.79	17.76	19	5
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64		
10	QPSK	1	25	22.55	22.70	22.61	24	0
10	QPSK	1	49	22.56	22.72	22.52		
10	QPSK	25	0	21.72	21.77	21.62		
10	QPSK	25	12	21.57	21.74	21.56	23	1
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.60	21.74	21.53	23	1
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65		
10	16QAM	25	12	20.57	20.81	20.49	22	2
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75		
10	64QAM	1	25	20.62	20.70	20.60	22	2
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66		
10	64QAM	25	12	19.54	19.77	19.54	21	3
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61		
10	256QAM	1	25	17.57	17.82	17.61	19	5
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66		
10	256QAM	25	12	17.68	17.65	17.68	19	5
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65		
5	QPSK	1	12	22.53	22.70	22.61	24	0
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58		
5	QPSK	12	7	21.54	21.77	21.56	23	1
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66		
5	16QAM	1	12	21.59	21.81	21.60	23	1
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67		
5	16QAM	12	7	20.59	20.83	20.57	22	2
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70		
5	64QAM	1	12	20.53	20.72	20.61	22	2
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58		
5	64QAM	12	7	19.57	19.82	19.54	21	3
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54		
5	256QAM	1	12	17.55	17.81	17.65	19	5
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68		
5	256QAM	12	7	17.62	17.70	17.72	19	5
5	256QAM	12	13	17.63	17.79	17.45		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63		
3	QPSK	1	8	22.56	22.80	22.59	24	0
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69		
3	QPSK	8	4	21.61	21.77	21.54	23	1
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67		
3	16QAM	1	8	21.55	21.85	21.53	23	1
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.67		
3	16QAM	8	4	20.51	20.88	20.53	22	2
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72		
3	64QAM	1	8	20.63	20.70	20.60	22	2
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58		
3	64QAM	8	4	19.56	19.74	19.61	21	3
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64		
3	256QAM	1	8	17.56	17.88	17.60	19	5
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71		
3	256QAM	8	4	17.65	17.72	17.72	19	5
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68		
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49	24	0
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.46	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65		
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56	23	1
1.4	16QAM	3	0	21.54	21.84	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66		
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55	22	2
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.59	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56		
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48	19	5
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58			
10	QPSK	1	25		22.55		24	0
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62			
10	QPSK	25	12		21.52		23	1
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56			
10	16QAM	1	25		21.53		23	1
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66			
10	16QAM	25	12		20.47		22	2
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55			
10	64QAM	1	25		20.51		22	2
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64			
10	64QAM	25	12		19.51		21	3
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56			
10	256QAM	1	25		17.51		19	5
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60			
10	256QAM	25	12		17.50		19	5
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50		
5	QPSK	1	12	22.42	22.49	22.45	24	0
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49		
5	QPSK	12	7	21.48	21.39	21.48	23	1
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42		
5	16QAM	1	12	21.50	21.42	21.51	23	1
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60		
5	16QAM	12	7	20.35	20.36	20.37	22	2
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45		
5	64QAM	1	12	20.39	20.48	20.42	22	2
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53		
5	64QAM	12	7	19.48	19.48	19.43	21	3
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	23.6	0
20	QPSK	1	49	22.15	22.26	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	0.6
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	0.6
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	1.6
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	1.6
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	2.6
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	4.6
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	4.6
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	23.6	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	0.6
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	0.6
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	1.6
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	1.6
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	2.6
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	4.6
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	4.6
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132222	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	23.6	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	0.6
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	0.6
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	1.6
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	1.6
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	2.6
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	4.6
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	4.6
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131972	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	23.6	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	0.6
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	0.6
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	1.6
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	1.6
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	2.6
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	4.6
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	4.6
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	23.6	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	0.6
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	0.6
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	1.6
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	1.6
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	2.6
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	4.6
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	4.6
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	23.6	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	0.6
1.4	16QAM	1	0	21.17	21.22	21.25	23	0.6
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	1.6
1.4	64QAM	1	0	20.14	20.16	20.30	22	1.6
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	2.6
1.4	256QAM	1	0	17.21	17.21	17.11	19	4.6
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	4.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.59	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.54		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50	22	2
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.39	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.75	21.81	21.76	23.1	0
20	QPSK	1	49	21.66	21.78	21.73		
20	QPSK	1	99	21.71	21.78	21.70		
20	QPSK	50	0	21.71	21.72	21.60	23	0.1
20	QPSK	50	24	21.65	21.67	21.69		
20	QPSK	50	50	21.56	21.70	21.57		
20	QPSK	100	0	21.62	21.65	21.57		
20	16QAM	1	0	21.62	21.65	21.67	23	0.1
20	16QAM	1	49	21.60	21.69	21.59		
20	16QAM	1	99	21.56	21.71	21.61		
20	16QAM	50	0	20.62	20.69	20.62	22	1.1
20	16QAM	50	24	20.62	20.64	20.63		
20	16QAM	50	50	20.54	20.63	20.64		
20	16QAM	100	0	20.57	20.66	20.62		
20	64QAM	1	0	20.60	20.64	20.61	22	1.1
20	64QAM	1	49	20.54	20.69	20.69		
20	64QAM	1	99	20.64	20.71	20.57		
20	64QAM	50	0	19.54	19.65	19.58	21	2.1
20	64QAM	50	24	19.56	19.66	19.61		
20	64QAM	50	50	19.63	19.61	19.65		
20	64QAM	100	0	19.63	19.69	19.59		
20	256QAM	1	0	17.59	17.67	17.57	19	4.1
20	256QAM	1	49	17.61	17.69	17.60		
20	256QAM	1	99	17.58	17.67	17.59		
20	256QAM	50	0	17.56	17.65	17.65	19	4.1
20	256QAM	50	24	17.57	17.61	17.59		
20	256QAM	50	50	17.64	17.61	17.62		
20	256QAM	100	0	17.62	17.70	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.67	21.73	21.68	23.1	0
15	QPSK	1	37	21.66	21.76	21.68		
15	QPSK	1	74	21.68	21.73	21.74		
15	QPSK	36	0	21.62	21.68	21.67	23	0.1
15	QPSK	36	20	21.57	21.68	21.63		
15	QPSK	36	39	21.58	21.64	21.68		
15	QPSK	75	0	21.60	21.65	21.66		
15	16QAM	1	0	21.53	21.68	21.67	23	0.1
15	16QAM	1	37	21.57	21.65	21.62		
15	16QAM	1	74	21.60	21.64	21.69		
15	16QAM	36	0	20.63	20.61	20.68	22	1.1
15	16QAM	36	20	20.60	20.65	20.59		
15	16QAM	36	39	20.59	20.71	20.58		
15	16QAM	75	0	20.55	20.72	20.65		
15	64QAM	1	0	20.59	20.65	20.59	22	1.1
15	64QAM	1	37	20.60	20.61	20.69		
15	64QAM	1	74	20.58	20.71	20.64		
15	64QAM	36	0	19.59	19.67	19.60	21	2.1
15	64QAM	36	20	19.57	19.64	19.65		
15	64QAM	36	39	19.65	19.63	19.62		
15	64QAM	75	0	19.62	19.62	19.67		
15	256QAM	1	0	17.57	17.71	17.65	19	4.1
15	256QAM	1	37	17.65	17.70	17.62		
15	256QAM	1	74	17.57	17.62	17.61		
15	256QAM	36	0	17.59	17.71	17.63	19	4.1
15	256QAM	36	20	17.64	17.69	17.58		
15	256QAM	36	39	17.53	17.69	17.57		
15	256QAM	75	0	17.54	17.69	17.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.73	21.74	21.71	23.1	0
10	QPSK	1	25	21.67	21.80	21.77		
10	QPSK	1	49	21.67	21.73	21.74		
10	QPSK	25	0	21.63	21.70	21.65	23	0.1
10	QPSK	25	12	21.59	21.68	21.64		
10	QPSK	25	25	21.56	21.68	21.67		
10	QPSK	50	0	21.55	21.68	21.63		
10	16QAM	1	0	21.61	21.64	21.61	23	0.1
10	16QAM	1	25	21.55	21.67	21.68		
10	16QAM	1	49	21.63	21.65	21.64		
10	16QAM	25	0	20.64	20.68	20.65	22	1.1
10	16QAM	25	12	20.60	20.70	20.62		
10	16QAM	25	25	20.56	20.66	20.60		
10	16QAM	50	0	20.61	20.63	20.60		
10	64QAM	1	0	20.57	20.72	20.61	22	1.1
10	64QAM	1	25	20.57	20.67	20.68		
10	64QAM	1	49	20.59	20.61	20.64		
10	64QAM	25	0	19.64	19.71	19.59	21	2.1
10	64QAM	25	12	19.64	19.62	19.59		
10	64QAM	25	25	19.61	19.71	19.65		
10	64QAM	50	0	19.64	19.70	19.66		
10	256QAM	1	0	17.61	17.70	17.67	19	4.1
10	256QAM	1	25	17.55	17.62	17.63		
10	256QAM	1	49	17.60	17.63	17.60		
10	256QAM	25	0	17.64	17.71	17.58	19	4.1
10	256QAM	25	12	17.54	17.68	17.61		
10	256QAM	25	25	17.59	17.68	17.68		
10	256QAM	50	0	17.54	17.64	17.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.64	21.80	21.69	23.1	0
5	QPSK	1	12	21.75	21.70	21.74		
5	QPSK	1	24	21.67	21.76	21.70		
5	QPSK	12	0	21.59	21.70	21.62	23	0.1
5	QPSK	12	7	21.57	21.69	21.66		
5	QPSK	12	13	21.61	21.65	21.58		
5	QPSK	25	0	21.54	21.61	21.65		
5	16QAM	1	0	21.54	21.63	21.65	23	0.1
5	16QAM	1	12	21.57	21.63	21.63		
5	16QAM	1	24	21.58	21.72	21.59		
5	16QAM	12	0	20.63	20.67	20.66	22	1.1
5	16QAM	12	7	20.64	20.70	20.61		
5	16QAM	12	13	20.54	20.67	20.58		
5	16QAM	25	0	20.63	20.67	20.69		
5	64QAM	1	0	20.56	20.67	20.62	22	1.1
5	64QAM	1	12	20.59	20.63	20.65		
5	64QAM	1	24	20.61	20.72	20.63		
5	64QAM	12	0	19.53	19.63	19.63	21	2.1
5	64QAM	12	7	19.58	19.68	19.64		
5	64QAM	12	13	19.57	19.64	19.57		
5	64QAM	25	0	19.58	19.62	19.57		
5	256QAM	1	0	17.65	17.67	17.67	19	4.1
5	256QAM	1	12	17.61	17.71	17.67		
5	256QAM	1	24	17.65	17.64	17.62		
5	256QAM	12	0	17.63	17.65	17.61	19	4.1
5	256QAM	12	7	17.65	17.65	17.67		
5	256QAM	12	13	17.55	17.71	17.68		
5	256QAM	25	0	17.54	17.68	17.63		

Band 41 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.75	21.83	21.89	21.80	21.88	23.1	0
20	QPSK	1	49	21.82	21.76	21.79	21.78	21.82		
20	QPSK	1	99	21.78	21.80	21.81	21.76	21.85		
20	QPSK	50	0	21.67	21.62	21.77	21.70	21.73	23	0.1
20	QPSK	50	24	21.76	21.69	21.72	21.69	21.76		
20	QPSK	50	50	21.68	21.71	21.70	21.69	21.75		
20	QPSK	100	0	21.70	21.66	21.76	21.64	21.71		
20	16QAM	1	0	21.73	21.71	21.67	21.61	21.79	23	0.1
20	16QAM	1	49	21.73	21.67	21.69	21.71	21.80		
20	16QAM	1	99	21.66	21.65	21.68	21.72	21.73		
20	16QAM	50	0	20.68	20.69	20.71	20.70	20.74	22	1.1
20	16QAM	50	24	20.76	20.72	20.75	20.71	20.81		
20	16QAM	50	50	20.73	20.72	20.68	20.64	20.78		
20	16QAM	100	0	20.69	20.72	20.76	20.70	20.75		
20	64QAM	1	0	20.75	20.68	20.68	20.72	20.70	22	1.1
20	64QAM	1	49	20.66	20.68	20.76	20.69	20.80		
20	64QAM	1	99	20.67	20.70	20.73	20.70	20.80		
20	64QAM	50	0	19.67	19.68	19.76	19.71	19.78	21	2.1
20	64QAM	50	24	19.72	19.64	19.76	19.71	19.79		
20	64QAM	50	50	19.69	19.73	19.77	19.72	19.78		
20	64QAM	100	0	19.71	19.66	19.77	19.62	19.69		
20	256QAM	1	0	17.68	17.69	17.72	17.63	17.77	19	4.1
20	256QAM	1	49	17.71	17.68	17.69	17.72	17.79		
20	256QAM	1	99	17.75	17.63	17.69	17.68	17.70		
20	256QAM	50	0	17.74	17.72	17.75	17.69	17.73	19	4.1
20	256QAM	50	24	17.75	17.68	17.73	17.64	17.75		
20	256QAM	50	50	17.73	17.66	17.71	17.61	17.77		
20	256QAM	100	0	17.64	17.74	17.74	17.63	17.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.70	21.79	21.79	21.77	21.79	23.10	0
15	QPSK	1	37	21.80	21.68	21.82	21.74	21.75		
15	QPSK	1	74	21.78	21.73	21.79	21.75	21.78		
15	QPSK	36	0	21.70	21.59	21.64	21.63	21.73	23	0.1
15	QPSK	36	20	21.68	21.64	21.68	21.66	21.76		
15	QPSK	36	39	21.68	21.57	21.62	21.63	21.70		
15	QPSK	75	0	21.69	21.60	21.69	21.61	21.74		
15	16QAM	1	0	21.60	21.67	21.61	21.60	21.66	23	0.1
15	16QAM	1	37	21.69	21.60	21.63	21.66	21.68		
15	16QAM	1	74	21.70	21.63	21.70	21.66	21.66		
15	16QAM	36	0	20.70	20.68	20.61	20.62	20.75	22	1.1
15	16QAM	36	20	20.64	20.63	20.71	20.67	20.67		
15	16QAM	36	39	20.64	20.65	20.65	20.64	20.68		
15	16QAM	75	0	20.60	20.62	20.68	20.66	20.75		
15	64QAM	1	0	20.60	20.59	20.71	20.59	20.68	22	1.1
15	64QAM	1	37	20.63	20.67	20.65	20.61	20.67		
15	64QAM	1	74	20.64	20.68	20.64	20.62	20.76		
15	64QAM	36	0	19.68	19.64	19.72	19.58	19.75	21	2.1
15	64QAM	36	20	19.66	19.68	19.66	19.68	19.74		
15	64QAM	36	39	19.70	19.65	19.62	19.67	19.76		
15	64QAM	75	0	19.63	19.58	19.70	19.61	19.65		
15	256QAM	1	0	17.67	17.58	17.63	17.57	17.73	19	4.1
15	256QAM	1	37	17.60	17.59	17.61	17.63	17.69		
15	256QAM	1	74	17.66	17.60	17.68	17.56	17.73		
15	256QAM	36	0	17.64	17.66	17.68	17.67	17.68	19	4.1
15	256QAM	36	20	17.64	17.57	17.71	17.65	17.67		
15	256QAM	36	39	17.68	17.65	17.65	17.68	17.68		
15	256QAM	75	0	17.70	17.64	17.63	17.67	17.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.73	21.72	21.77	21.75	21.76	23.10	0
10	QPSK	1	25	21.76	21.75	21.77	21.72	21.76		
10	QPSK	1	49	21.80	21.77	21.74	21.76	21.84		
10	QPSK	25	0	21.68	21.62	21.62	21.66	21.70	23	0.1
10	QPSK	25	12	21.69	21.69	21.71	21.63	21.70		
10	QPSK	25	25	21.63	21.67	21.62	21.60	21.68		
10	QPSK	50	0	21.69	21.60	21.66	21.58	21.70		
10	16QAM	1	0	21.65	21.68	21.61	21.67	21.70	23	0.1
10	16QAM	1	25	21.60	21.69	21.61	21.58	21.72		
10	16QAM	1	49	21.60	21.58	21.61	21.56	21.67		
10	16QAM	25	0	20.62	20.67	20.66	20.63	20.66	22	1.1
10	16QAM	25	12	20.68	20.58	20.68	20.57	20.66		
10	16QAM	25	25	20.69	20.64	20.71	20.60	20.71		
10	16QAM	50	0	20.68	20.66	20.67	20.58	20.68		
10	64QAM	1	0	20.59	20.63	20.71	20.64	20.76	22	1.1
10	64QAM	1	25	20.68	20.66	20.66	20.66	20.76		
10	64QAM	1	49	20.70	20.68	20.64	20.66	20.68		
10	64QAM	25	0	19.60	19.59	19.64	19.60	19.65	21	2.1
10	64QAM	25	12	19.65	19.63	19.67	19.59	19.67		
10	64QAM	25	25	19.68	19.63	19.65	19.61	19.71		
10	64QAM	50	0	19.68	19.57	19.66	19.63	19.74		
10	256QAM	1	0	17.59	17.63	17.71	17.66	17.67	19	4.1
10	256QAM	1	25	17.66	17.68	17.65	17.57	17.71		
10	256QAM	1	49	17.62	17.67	17.66	17.68	17.72		
10	256QAM	25	0	17.62	17.64	17.62	17.62	17.71	19	4.1
10	256QAM	25	12	17.64	17.67	17.70	17.57	17.68		
10	256QAM	25	25	17.61	17.59	17.66	17.65	17.75		
10	256QAM	50	0	17.62	17.58	17.60	17.67	17.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.72	21.68	21.75	21.71	21.81	23.10	0
5	QPSK	1	12	21.81	21.72	21.71	21.69	21.84		
5	QPSK	1	24	21.79	21.76	21.75	21.74	21.83		
5	QPSK	12	0	21.64	21.58	21.68	21.67	21.68	23	0.1
5	QPSK	12	7	21.60	21.68	21.67	21.65	21.66		
5	QPSK	12	13	21.62	21.68	21.65	21.58	21.70		
5	QPSK	25	0	21.68	21.62	21.71	21.57	21.71		
5	16QAM	1	0	21.68	21.64	21.66	21.67	21.68	23	0.1
5	16QAM	1	12	21.70	21.65	21.62	21.59	21.65		
5	16QAM	1	24	21.59	21.58	21.65	21.61	21.74		
5	16QAM	12	0	20.69	20.58	20.65	20.60	20.71	22	1.1
5	16QAM	12	7	20.67	20.67	20.70	20.62	20.71		
5	16QAM	12	13	20.65	20.66	20.72	20.64	20.67		
5	16QAM	25	0	20.68	20.65	20.65	20.58	20.72		
5	64QAM	1	0	20.70	20.59	20.68	20.67	20.71	22	1.1
5	64QAM	1	12	20.61	20.63	20.62	20.59	20.65		
5	64QAM	1	24	20.64	20.60	20.68	20.64	20.70		
5	64QAM	12	0	19.62	19.58	19.68	19.60	19.65	21	2.1
5	64QAM	12	7	19.65	19.61	19.62	19.67	19.68		
5	64QAM	12	13	19.63	19.65	19.65	19.62	19.64		
5	64QAM	25	0	19.64	19.62	19.61	19.58	19.69		
5	256QAM	1	0	17.60	17.69	17.66	17.64	17.67	19	4.1
5	256QAM	1	12	17.70	17.62	17.60	17.63	17.70		
5	256QAM	1	24	17.66	17.68	17.65	17.56	17.72		
5	256QAM	12	0	17.67	17.68	17.65	17.60	17.75	19	4.1
5	256QAM	12	7	17.67	17.57	17.60	17.60	17.71		
5	256QAM	12	13	17.62	17.68	17.63	17.67	17.75		
5	256QAM	25	0	17.64	17.69	17.68	17.59	17.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.46	23.43	23.53	23.40	23.52	24.7	0
20	QPSK	1	49	23.47	23.42	23.50	23.38	23.48		
20	QPSK	1	99	23.46	23.48	23.50	23.41	23.47		
20	QPSK	50	0	23.45	23.42	23.52	23.42	23.39	24.7	0
20	QPSK	50	24	23.40	23.40	23.51	23.46	23.43		
20	QPSK	50	50	23.42	23.47	23.49	23.39	23.42		
20	QPSK	100	0	23.49	23.42	23.50	23.44	23.42		
20	16QAM	1	0	23.49	23.45	23.48	23.39	23.46	24.7	0
20	16QAM	1	49	23.45	23.42	23.46	23.47	23.37		
20	16QAM	1	99	23.48	23.45	23.46	23.36	23.43		
20	16QAM	50	0	23.42	23.48	23.48	23.44	23.38	24.7	0
20	16QAM	50	24	23.49	23.46	23.51	23.43	23.42		
20	16QAM	50	50	23.43	23.43	23.47	23.42	23.45		
20	16QAM	100	0	23.45	23.38	23.50	23.44	23.41		
20	64QAM	1	0	23.48	23.44	23.45	23.47	23.45	24.7	0
20	64QAM	1	49	23.42	23.43	23.47	23.43	23.40		
20	64QAM	1	99	23.41	23.39	23.47	23.42	23.46		
20	64QAM	50	0	22.81	22.73	22.86	22.66	22.73	24	0.7
20	64QAM	50	24	22.73	22.77	22.78	22.76	22.76		
20	64QAM	50	50	22.79	22.73	22.75	22.70	22.71		
20	64QAM	100	0	22.81	22.77	22.76	22.72	22.77		
20	256QAM	1	0	20.81	20.76	20.79	20.76	20.68	22	2.7
20	256QAM	1	49	20.73	20.75	20.81	20.72	20.71		
20	256QAM	1	99	20.77	20.70	20.75	20.70	20.75		
20	256QAM	50	0	20.78	20.74	20.78	20.74	20.74	22	2.7
20	256QAM	50	24	20.79	20.77	20.78	20.66	20.75		
20	256QAM	50	50	20.72	20.78	20.82	20.72	20.78		
20	256QAM	100	0	20.75	20.70	20.76	20.69	20.75		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.42	23.28	23.46	23.33	23.29	24.70	0
15	QPSK	1	37	23.31	23.34	23.44	23.32	23.36		
15	QPSK	1	74	23.36	23.36	23.41	23.31	23.31		
15	QPSK	36	0	23.42	23.28	23.46	23.30	23.26	24.7	0
15	QPSK	36	20	23.39	23.30	23.38	23.36	23.35		
15	QPSK	36	39	23.37	23.34	23.36	23.37	23.30		
15	QPSK	75	0	23.35	23.35	23.35	23.27	23.32		
15	16QAM	1	0	23.40	23.37	23.41	23.32	23.29	24.7	0
15	16QAM	1	37	23.40	23.28	23.40	23.34	23.28		
15	16QAM	1	74	23.36	23.32	23.44	23.30	23.28		
15	16QAM	36	0	23.40	23.37	23.35	23.34	23.31	24.7	0
15	16QAM	36	20	23.35	23.30	23.37	23.30	23.34		
15	16QAM	36	39	23.32	23.35	23.39	23.35	23.32		
15	16QAM	75	0	23.41	23.29	23.38	23.27	23.37		
15	64QAM	1	0	23.33	23.39	23.41	23.31	23.29	24.7	0
15	64QAM	1	37	23.42	23.31	23.36	23.31	23.35		
15	64QAM	1	74	23.38	23.38	23.37	23.36	23.32		
15	64QAM	36	0	22.64	22.66	22.67	22.57	22.63	24	0.7
15	64QAM	36	20	22.63	22.65	22.71	22.57	22.65		
15	64QAM	36	39	22.63	22.66	22.73	22.60	22.60		
15	64QAM	75	0	22.65	22.63	22.67	22.59	22.56		
15	256QAM	1	0	20.68	20.60	20.70	20.63	20.67	22	2.7
15	256QAM	1	37	20.71	20.58	20.64	20.56	20.67		
15	256QAM	1	74	20.61	20.63	20.75	20.58	20.59		
15	256QAM	36	0	20.62	20.58	20.73	20.56	20.57	22	2.7
15	256QAM	36	20	20.65	20.65	20.75	20.59	20.57		
15	256QAM	36	39	20.67	20.68	20.72	20.56	20.58		
15	256QAM	75	0	20.67	20.69	20.67	20.60	20.67		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.34	23.30	23.36	23.33	23.26	24.70	0
10	QPSK	1	25	23.40	23.38	23.40	23.28	23.33		
10	QPSK	1	49	23.30	23.36	23.42	23.31	23.30		
10	QPSK	25	0	23.31	23.39	23.37	23.28	23.34	24.7	0
10	QPSK	25	12	23.41	23.33	23.40	23.28	23.32		
10	QPSK	25	25	23.41	23.39	23.41	23.34	23.38		
10	QPSK	50	0	23.40	23.28	23.39	23.29	23.35		
10	16QAM	1	0	23.37	23.38	23.38	23.30	23.30	24.7	0
10	16QAM	1	25	23.38	23.29	23.44	23.35	23.32		
10	16QAM	1	49	23.31	23.35	23.45	23.28	23.37		
10	16QAM	25	0	23.30	23.36	23.45	23.36	23.30	24.7	0
10	16QAM	25	12	23.32	23.27	23.41	23.30	23.33		
10	16QAM	25	25	23.35	23.37	23.40	23.35	23.31		
10	16QAM	50	0	23.37	23.35	23.

GSM850 Ant1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.60	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29	23	0
20	QPSK	1	49	22.30	22.35	22.17		
20	QPSK	1	99	22.20	22.32	22.24		
20	QPSK	50	0	21.38	21.40	21.25	22	1
20	QPSK	50	24	21.36	21.34	21.20		
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28	22	1
20	16QAM	1	49	21.36	21.36	21.15		
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27	21	2
20	16QAM	50	24	20.34	20.38	20.26		
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27	21	2
20	64QAM	1	49	20.34	20.36	20.18		
20	64QAM	1	99	20.14	20.27	20.17		
20	64QAM	50	0	19.35	19.44	19.23	20	3
20	64QAM	50	24	19.38	19.31	19.24		
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25	18	5
20	256QAM	1	49	17.37	17.31	17.18		
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.31	18	5
20	256QAM	50	24	17.28	17.37	17.27		
20	256QAM	50	50	17.42	17.32	17.11		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24	23	0
15	QPSK	1	37	22.22	22.25	22.04		
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21	22	1
15	QPSK	36	20	21.34	21.20	21.12		
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14	22	1
15	16QAM	1	37	21.31	21.23	21.02		
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20	21	2
15	16QAM	36	20	20.23	20.30	20.16		
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23	21	2
15	64QAM	1	37	20.28	20.28	20.12		
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10	20	3
15	64QAM	36	20	19.32	19.25	19.13		
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20	18	5
15	256QAM	1	37	17.33	17.28	17.15		
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.34	17.15	18	5
15	256QAM	36	20	17.25	17.35	17.24		
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24	23	0
10	QPSK	1	25	22.26	22.23	22.07		
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19	22	1
10	QPSK	25	12	21.24	21.31	21.07		
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14	22	1
10	16QAM	1	25	21.29	21.30	21.05		
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18	21	2
10	16QAM	25	12	20.25	20.34	20.20		
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13	21	2
10	64QAM	1	25	20.31	20.24	20.13		
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11	20	3
10	64QAM	25	12	19.28	19.20	19.12		
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.27	17.28	17.22	18	5
10	256QAM	1	25	17.33	17.21	17.06		
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11	18	5
10	256QAM	25	12	17.24	17.27	17.23		
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20	23	0
5	QPSK	1	12	22.25	22.25	22.09		
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22	22	1
5	QPSK	12	7	21.31	21.23	21.08		
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22	22	1
5	16QAM	1	12	21.23	21.25	21.09		
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22	21	2
5	16QAM	12	7	20.21	20.26	20.21		
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24	21	2
5	64QAM	1	12	20.25	20.29	20.11		
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17	20	3
5	64QAM	12	7	19.29	19.32	19.19		
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23	18	5
5	256QAM	1	12	17.34	17.22	17.06		
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.38	17.06	18	5
5	256QAM	12	7	17.18	17.29	17.19		
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17	23	0
3	QPSK	1	8	22.26	22.22	22.14		
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15	22	1
3	QPSK	8	4	21.32	21.21	21.08		
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16	22	1
3	16QAM	1	8	21.30	21.31	21.02		
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16	21	2
3	16QAM	8	4	20.22	20.35	20.15		
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18	21	2
3	64QAM	1	8	20.23	20.27	20.14		
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10	20	3
3	64QAM	8	4	19.26	19.19	19.15		
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16	18	5
3	256QAM	1	8	17.26	17.21	17.12		
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14	18	5
3	256QAM	8	4	17.15	17.31	17.22		
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20	23	0
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19		
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16	22	1
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16		
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14	21	2
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16		
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13	18	5
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14		
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.01	22.06	21.98	22.9	0
20	QPSK	1	49	21.92	22.04	21.93		
20	QPSK	1	99	21.96	22.01	21.93		
20	QPSK	50	0	21.01	21.10	21.01	22	0.9
20	QPSK	50	24	20.89	21.00	20.91		
20	QPSK	50	50	20.99	20.96	20.89		
20	QPSK	100	0	21.03	21.07	20.98		
20	16QAM	1	0	21.05	21.04	21.04	22	0.9
20	16QAM	1	49	20.87	21.02	20.92		
20	16QAM	1	99	21.01	20.97	20.92		
20	16QAM	50	0	19.96	20.14	19.95	21	1.9
20	16QAM	50	24	19.83	19.95	19.88		
20	16QAM	50	50	19.96	19.97	19.91		
20	16QAM	100	0	20.03	20.03	19.96		
20	64QAM	1	0	20.10	20.07	20.00	21	1.9
20	64QAM	1	49	19.88	20.01	19.90		
20	64QAM	1	99	19.99	19.96	19.86		
20	64QAM	50	0	19.03	19.04	18.99	20	2.9
20	64QAM	50	24	18.94	19.05	18.90		
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00	18	4.9
20	256QAM	1	49	16.85	17.01	16.94		
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94	18	4.9
20	256QAM	50	24	17.06	17.06	17.03		
20	256QAM	50	50	16.91	16.98	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.91	21.93	21.87	22.9	0
15	QPSK	1	37	21.89	21.99	21.82		
15	QPSK	1	74	21.86	21.97	21.81		
15	QPSK	36	0	20.93	20.99	20.98	22	0.9
15	QPSK	36	20	20.75	20.97	20.87		
15	QPSK	36	39	20.88	20.85	20.82		
15	QPSK	75	0	21.00	20.95	20.93		
15	16QAM	1	0	20.95	20.91	20.94	22	0.9
15	16QAM	1	37	20.79	20.92	20.83		
15	16QAM	1	74	20.88	20.93	20.85		
15	16QAM	36	0	19.89	20.09	19.82	21	1.9
15	16QAM	36	20	19.73	19.86	19.77		
15	16QAM	36	39	19.94	19.92	19.83		
15	16QAM	75	0	20.00	19.95	19.90		
15	64QAM	1	0	20.02	20.05	19.86	21	1.9
15	64QAM	1	37	19.85	19.94	19.77		
15	64QAM	1	74	19.90	19.89	19.83		
15	64QAM	36	0	18.93	18.91	18.95	20	2.9
15	64QAM	36	20	18.92	18.99	18.77		
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96	18	4.9
15	256QAM	1	37	16.72	16.90	16.83		
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84	18	4.9
15	256QAM	36	20	16.95	16.97	16.96		
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.98	21.92	22.9	0
10	QPSK	1	25	21.88	21.92	21.91		
10	QPSK	1	49	21.92	21.96	21.87		
10	QPSK	25	0	20.89	21.04	20.91	22	0.9
10	QPSK	25	12	20.80	20.96	20.83		
10	QPSK	25	25	20.88	20.89	20.87		
10	QPSK	50	0	20.97	20.99	20.96		
10	16QAM	1	0	20.93	20.97	20.92	22	0.9
10	16QAM	1	25	20.79	20.89	20.87		
10	16QAM	1	49	20.96	20.85	20.84		
10	16QAM	25	0	19.91	20.02	19.86	21	1.9
10	16QAM	25	12	19.80	19.86	19.85		
10	16QAM	25	25	19.88	19.92	19.86		
10	16QAM	50	0	20.00	19.90	19.84		
10	64QAM	1	0	20.02	19.93	19.93	21	1.9
10	64QAM	1	25	19.75	19.92	19.82		
10	64QAM	1	49	19.89	19.94	19.76		
10	64QAM	25	0	18.98	18.98	18.87	20	2.9
10	64QAM	25	12	18.91	18.94	18.78		
10	64QAM	25	25	18.93	18.84	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.90	17.01	16.94	18	4.9
10	256QAM	1	25	16.77	16.92	16.81		
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83	18	4.9
10	256QAM	25	12	16.98	17.04	17.00		
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.02	21.92	22.9	0
5	QPSK	1	12	21.86	21.91	21.90		
5	QPSK	1	24	21.87	21.93	21.83		
5	QPSK	12	0	20.95	20.98	20.90	22	0.9
5	QPSK	12	7	20.87	20.94	20.82		
5	QPSK	12	13	20.95	20.88	20.86		
5	QPSK	25	0	20.91	21.02	20.95		
5	16QAM	1	0	20.99	20.99	20.94	22	0.9
5	16QAM	1	12	20.80	20.95	20.84		
5	16QAM	1	24	20.97	20.91	20.80		
5	16QAM	12	0	19.83	19.92	19.85	21	1.9
5	16QAM	12	7	19.71	19.88	19.74		
5	16QAM	12	13	19.84	19.83	19.84		
5	16QAM	25	0	19.97	20.00	19.86	21	1.9
5	64QAM	1	0	19.93	19.97	19.93		
5	64QAM	1	12	19.76	19.95	19.77		
5	64QAM	1	24	19.94	19.82	19.78		
5	64QAM	12	0	18.99	19.00	18.96	20	2.9
5	64QAM	12	7	18.82	19.00	18.78		
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91	18	4.9
5	256QAM	1	12	16.74	16.92	16.90		
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85	18	4.9
5	256QAM	12	7	16.88	16.96	16.96		
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.88	22.04	21.88	22.9	0
3	QPSK	1	8	21.80	22.00	21.91		
3	QPSK	1	14	21.86	21.97	21.91		
3	QPSK	8	0	20.94	21.08	20.95	22	0.9
3	QPSK	8	4	20.77	20.93	20.87		
3	QPSK	8	7	20.94	20.88	20.86		
3	QPSK	15	0	20.95	20.98	20.92		
3	16QAM	1	0	21.03	20.99	21.00	22	0.9
3	16QAM	1	8	20.84	20.89	20.88		
3	16QAM	1	14	20.88	20.84	20.88		
3	16QAM	8	0	19.93	20.05	19.86	21	1.9
3	16QAM	8	4	19.73	19.88	19.75		
3	16QAM	8	7	19.87	19.93	19.82		
3	16QAM	15	0	19.99	19.95	19.83		
3	64QAM	1	0	20.02	20.02	19.87	21	1.9
3	64QAM	1	8	19.84	19.94	19.78		
3	64QAM	1	14	19.88	19.93	19.74		
3	64QAM	8	0	19.00	18.99	18.86	20	2.9
3	64QAM	8	4	18.87	18.98	18.84		
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90	18	4.9
3	256QAM	1	8	16.80	16.89	16.83		
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83	18	4.9
3	256QAM	8	4	16.99	16.93	16.92		
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.87	22.9	0
1.4	QPSK	1	3	21.82	21.98	21.87		
1.4	QPSK	1	5	21.84	21.94	21.80		
1.4	QPSK	3	0	21.88	21.88	21.82		
1.4	QPSK	3	1	21.77	21.87	21.81		
1.4	QPSK	3	3	21.73	21.87	21.77		
1.4	QPSK	6	0	20.93	20.94	20.95	22	0.9
1.4	16QAM	1	0	20.97	20.92	20.94	22	0.9
1.4	16QAM	1	3	20.73	20.94	20.79		
1.4	16QAM	1	5	20.97	20.83	20.88		
1.4	16QAM	3	0	20.91	20.87	20.91		
1.4	16QAM	3	1	20.93	20.85	20.82		
1.4	16QAM	3	3	20.63	20.84	20.75		
1.4	16QAM	6	0	20.00	19.89	19.88	21	1.9
1.4	64QAM	1	0	19.96	19.99	19.91	21	1.9
1.4	64QAM	1	3	19.80	19.99	19.84		
1.4	64QAM	1	5	19.85	19.87	19.77		
1.4	64QAM	3	0	19.92	19.80	19.80		
1.4	64QAM	3	1	19.88	19.91	19.82		
1.4	64QAM	3	3	19.67	19.88	19.76		
1.4	64QAM	6	0	18.93	18.97	18.91	20	2.9
1.4	256QAM	1	0	16.93	16.97	16.93	18	4.9
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77		
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	4.9

Band 5 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18	24	0
10	QPSK	1	25	22.17	22.19	22.13		
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14	23	1
10	QPSK	25	12	21.22	21.16	21.10		
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22	23	1
10	16QAM	1	25	21.15	21.16	21.19		
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30

Band 12 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.87	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.67	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.86	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

Band 13 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

Band 14 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

Band 17 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.36	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.34	22.41	22.32		
20	QPSK	1	49	22.30	22.36	22.16	23	0
20	QPSK	1	99	22.20	22.40	22.23		
20	QPSK	50	0	21.44	21.45	21.25		
20	QPSK	50	24	21.35	21.32	21.23	22	1
20	QPSK	50	50	21.21	21.28	21.31		
20	QPSK	100	0	21.35	21.41	21.29		
20	16QAM	1	0	21.29	21.33	21.33		
20	16QAM	1	49	21.35	21.39	21.12	22	1
20	16QAM	1	99	21.20	21.33	21.21		
20	16QAM	50	0	20.44	20.39	20.25		
20	16QAM	50	24	20.41	20.45	20.22	21	2
20	16QAM	50	50	20.21	20.26	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24		
20	64QAM	1	49	20.40	20.34	20.15	21	2
20	64QAM	1	99	20.15	20.30	20.33		
20	64QAM	50	0	19.32	19.42	19.23		
20	64QAM	50	24	19.43	19.32	19.24	20	3
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26		
20	256QAM	1	49	17.40	17.31	17.19	18	5
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18		
20	256QAM	50	24	17.25	17.40	17.29	18	5
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.23	22.34	22.20		
15	QPSK	1	37	22.28	22.25	22.12	23	0
15	QPSK	1	74	22.08	22.31	22.14		
15	QPSK	36	0	21.31	21.42	21.19		
15	QPSK	36	20	21.21	21.27	21.18	22	1
15	QPSK	36	39	21.15	21.26	21.17		
15	QPSK	75	0	21.30	21.38	21.24		
15	16QAM	1	0	21.23	21.25	21.28		
15	16QAM	1	37	21.28	21.36	21.06	22	1
15	16QAM	1	74	21.08	21.22	21.14		
15	16QAM	36	0	20.32	20.31	20.21		
15	16QAM	36	20	20.28	20.40	20.11	21	2
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16		
15	64QAM	1	37	20.35	20.23	20.12	21	2
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12		
15	64QAM	36	20	19.38	19.19	19.10	20	3
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.36	19.24		
15	256QAM	1	0	17.32	17.27	17.17		
15	256QAM	1	37	17.26	17.25	17.11	18	5
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12		
15	256QAM	36	20	17.12	17.36	17.16	18	5
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.30	22.21		
10	QPSK	1	25	22.18	22.22	22.02	23	0
10	QPSK	1	49	22.08	22.36	22.13		
10	QPSK	25	0	21.31	21.42	21.22		
10	QPSK	25	12	21.31	21.27	21.19	22	1
10	QPSK	25	25	21.13	21.16	21.21		
10	QPSK	50	0	21.24	21.39	21.25		
10	16QAM	1	0	21.17	21.25	21.25		
10	16QAM	1	25	21.27	21.32	21.08	22	1
10	16QAM	1	49	21.18	21.21	21.08		
10	16QAM	25	0	20.37	20.35	20.14		
10	16QAM	25	12	20.31	20.39	20.15	21	2
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15		
10	64QAM	1	25	20.27	20.22	20.03	21	2
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15		
10	64QAM	25	12	19.29	19.19	19.15	20	3
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15		
10	256QAM	1	25	17.31	17.21	17.15	18	5
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14		
10	256QAM	25	12	17.12	17.32	17.26	18	5
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.24	22.36	22.28		
5	QPSK	1	12	22.24	22.31	22.02	23	0
5	QPSK	1	24	22.14	22.28	22.19		
5	QPSK	12	0	21.40	21.32	21.17		
5	QPSK	12	7	21.27	21.29	21.18	22	1
5	QPSK	12	13	21.11	21.22	21.20		
5	QPSK	25	0	21.21	21.26	21.22		
5	16QAM	1	0	21.19	21.30	21.26		
5	16QAM	1	12	21.32	21.33	21.08	22	1
5	16QAM	1	24	21.16	21.29	21.16		
5	16QAM	12	0	20.41	20.32	20.22		
5	16QAM	12	7	20.30	20.33	20.11	21	2
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13		
5	64QAM	1	12	20.35	20.30	20.09	21	2
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14		
5	64QAM	12	7	19.39	19.22	19.14	20	3
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.18		
5	256QAM	1	12	17.27	17.25	17.07	18	5
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06		
5	256QAM	12	7	17.14	17.34	17.19	18	5
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26555	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.27	22.28		
3	QPSK	1	8	22.28	22.32	22.13	23	0
3	QPSK	1	14	22.14	22.36	22.15		
3	QPSK	8	0	21.34	21.36	21.11		
3	QPSK	8	4	21.25	21.28	21.16	22	1
3	QPSK	8	7	21.15	21.22	21.20		
3	QPSK	15	0	21.23	21.39	21.18		
3	16QAM	1	0	21.20	21.31	21.24		
3	16QAM	1	8	21.32	21.33	20.99	22	1
3	16QAM	1	14	21.16	21.29	21.18		
3	16QAM	8	0	20.32	20.30	20.21		
3	16QAM	8	4	20.38	20.39	20.14	21	2
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13		
3	64QAM	1	8	20.36	20.25	20.03	21	2
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11		
3	64QAM	8	4	19.33	19.25	19.13	20	3
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20		
3	256QAM	1	8	17.33	17.27	17.07	18	5
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05		
3	256QAM	8	4	17.18	17.35	17.20	18	5
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.21	22.29	22.26		
1.4	QPSK	1	3	22.25	22.22	22.13		
1.4	QPSK	1	5	22.17	22.36	22.12	23	0
1.4	QPSK	3	0	22.09	22.22	22.16		
1.4	QPSK	3	1	22.22	22.19	22.06		
1.4	QPSK	3	3	22.07	22.28	22.06		
1.4	QPSK	6	0	21.23	21.28	21.18	22	1
1.4	16QAM	1	0	21.19	21.26	21.22		
1.4	16QAM	1	3	21.32	21.35	21.05		
1.4	16QAM	1	5	21.08	21.23	21.17	22	1
1.4	16QAM	3	0	21.11	21.18	21.11		
1.4	16QAM	3	1	21.15	21.24	21.10		
1.4	16QAM	3	3	21.24	21.25	21.00		
1.4	16QAM	6	0	20.27	20.25	20.17	21	2
1.4	64QAM	1	0	20.10	20.20	20.10		
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30	21	2
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	3
1.4	256QAM	1	0	17.29	17.33	17.14		
1.4	256QAM	1	3	17.30	17.26	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24	18	5
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38		
15	QPSK	1	37	22.35	22.43	22.35	24	0
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32		
15	QPSK	36	20	21.30	21.45	21.31	23	1
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36		
15	16QAM	1	37	21.36	21.39	21.38	23	1
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33		
15	16QAM	36	20	20.28	20.45	20.28	22	2
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33		
15	64QAM	1	37	20.36	20.34	20.35	22	2
15	64QAM	1	74	20.36	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32		
15	64QAM	36	20	19.35	19.42	19.30	21	3
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36		
15	256QAM	1	37	17.34	17.40	17.26	19	5
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36		
15	256QAM	36	20	17.44	17.44	17.39	19	5
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29		
10	QPSK	1	25	22.32	22.33	22.28	24	0
10	QPSK	1	49	22.22	22.33	22.22		
10	QPSK	25	0	21.26	21.46	21.29		
10	QPSK	25	12	21.22	21.31	21.17	23	1
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24		
10	16QAM	1	25	21.28	21.35	21.27	23	1
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28		
10	16QAM	25	12	20.23	20.33	20.22	22	2
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29		
10	64QAM	1	25	20.23	20.28	20.21	22	2
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21		
10	64QAM	25	12	19.23	19.32	19.17	21	3
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24		
10	256QAM	1	25	17.27	17.30	17.15	19	5
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30		
10	256QAM	25	12	17.35	17.36	17.29	19	5
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29		
5	QPSK	1	12	22.29	22.34	22.27	24	0
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19		
5	QPSK	12	7	21.27	21.43	21.22	23	1
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28		
5	16QAM	1	12	21.34	21.27	21.36	23	1
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19		
5	16QAM	12	7	20.19	20.39	20.23	22	2
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24		
5	64QAM	1	12	20.27	20.27	20.27	22	2
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19		
5	64QAM	12	7	19.32	19.32	19.23	21	3
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28		
5	256QAM	1	12	17.25	17.31	17.15	19	5
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23		
5	256QAM	12	7	17.40	17.40	17.25	19	5
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34		
3	QPSK	1	8	22.32	22.34	22.30	24	0
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25		
3	QPSK	8	4	21.25	21.35	21.24	23	1
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30		
3	16QAM	1	8	21.29	21.31	21.26	23	1
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25		
3	16QAM	8	4	20.16	20.32	20.24	22	2
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27		
3	64QAM	1	8	20.22	20.23	20.28	22	2
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23		
3	64QAM	8	4	19.22	19.40	19.25	21	3
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28		
3	256QAM	1	8	17.28	17.33	17.18	19	5
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.32	17.36	17.36	19	5
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28		
1.4	QPSK	1	3	22.26	22.32	22.27		
1.4	QPSK	1	5	22.21	22.37	22.25	24	0
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.35	21.36	21.32		
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17	23	1
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24		
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18	22	2
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31		
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21	19	5
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85			
10	QPSK	1	25		20.83		22	0
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91			
10	QPSK	25	12		19.80		21	1
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84			
10	16QAM	1	25		19.86		21	1
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95			
10	16QAM	25	12		18.78		20	2
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85			
10	64QAM	1	25		18.89		20	2
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96			
10	64QAM	25	12		17.82		19	3
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86			
10	256QAM	1	25		15.77		17	5
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90			
10	256QAM	25	12		15.86		17	5
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79		
5	QPSK	1	12	20.77	20.77	20.72	22	0
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89		
5	QPSK	12	7	19.72	19.67	19.67	21	1
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72		
5	16QAM	1	12	19.84	19.81	19.76	21	1
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83		
5	16QAM	12	7	18.69	18.70	18.76	20	2
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76		
5	64QAM	1	12	18.78	18.79	18.79	20	2
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83		
5	64QAM	12	7	17.68	17.73	17.75	19	3
5	64QAM	12	13	17.70	17.75	17.69		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	22.9	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	0.9
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	0.9
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	1.9
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.90	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	1.9
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	2.9
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	4.9
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	4.9
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	22.9	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	0.9
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.72	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	0.9
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	1.9
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.99	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	1.9
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	2.9
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	4.9
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	4.9
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	22.9	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	0.9
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	0.9
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	1.9
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	1.9
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	2.9
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	4.9
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	4.9
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	22.9	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	0.9
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	0.9
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	1.9
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	1.9
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	2.9
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	4.9
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	4.9
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	22.9	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	0.9
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	0.9
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	1.9
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	1.9
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	2.9
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	4.9
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	4.9
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	22.9	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	21.9	1
1.4	16QAM	1	0	20.89	20.95	21.02	21.9	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	20.9	2
1.4	64QAM	1	0	19.93	20.02	20.00	20.9	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.87		
1.4	64QAM	6	0	18.81	18.98	18.97	19.9	3
1.4	256QAM	1	0	17.01	17.01	16.93	17.9	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49	22	2
5	64QAM	1	0	20.49	20.53	20.42		
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.43	23.40	25	0
20	QPSK	1	49	23.18	23.29	23.31		
20	QPSK	1	99	23.16	23.27	23.26		
20	QPSK	50	0	22.25	22.37	22.33	24	1
20	QPSK	50	24	22.18	22.25	22.35		
20	QPSK	50	50	22.18	22.32	22.30		
20	QPSK	100	0	22.25	22.38	22.28		
20	16QAM	1	0	22.12	22.33	22.42	24	1
20	16QAM	1	49	22.16	22.40	22.23		
20	16QAM	1	99	22.14	22.29	22.25		
20	16QAM	50	0	21.16	21.35	21.31	23	2
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	2
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	3
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	5
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	5
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37725	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.08	23.33	23.25	25	0
15	QPSK	1	37	23.06	23.25	23.21		
15	QPSK	1	74	23.06	23.12	23.20		
15	QPSK	36	0	22.21	22.31	22.23	24	1
15	QPSK	36	20	22.12	22.13	22.28		
15	QPSK	36	39	22.12	22.21	22.24		
15	QPSK	75	0	22.16	22.30	22.18		
15	16QAM	1	0	22.00	22.25	22.31	24	1
15	16QAM	1	37	22.02	22.25	22.14		
15	16QAM	1	74	22.08	22.12	22.12		
15	16QAM	36	0	21.10	21.27	21.17	23	2
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	2
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	3
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	5
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	5
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.10	23.36	23.28	25	0
10	QPSK	1	25	23.11	23.18	23.23		
10	QPSK	1	49	23.07	23.21	23.14		
10	QPSK	25	0	22.18	22.26	22.27	24	1
10	QPSK	25	12	22.12	22.19	22.24		
10	QPSK	25	25	22.02	22.20	22.16		
10	QPSK	50	0	22.13	22.25	22.17		
10	16QAM	1	0	22.04	22.28	22.31	24	1
10	16QAM	1	25	22.07	22.33	22.19		
10	16QAM	1	49	22.20	22.22	22.13		
10	16QAM	25	0	21.01	21.26	21.16	23	2
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.20	21.31	23	2
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	3
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	5
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	5
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37725	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.05	23.32	23.29	25	0
5	QPSK	1	12	23.03	23.24	23.17		
5	QPSK	1	24	23.10	23.16	23.17		
5	QPSK	12	0	22.14	22.28	22.23	24	1
5	QPSK	12	7	22.08	22.13	22.24		
5	QPSK	12	13	22.13	22.26	22.20		
5	QPSK	25	0	22.11	22.31	22.18		
5	16QAM	1	0	22.00	22.24	22.33	24	1
5	16QAM	1	12	22.11	22.26	22.07		
5	16QAM	1	24	22.01	22.14	22.17		
5	16QAM	12	0	21.11	21.20	21.19	23	2
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	2
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	3
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	5
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	5
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.81	23.96	23.94	23.88	25	0
20	QPSK	1	49	23.71	23.77	23.93	23.91	23.77		
20	QPSK	1	99	23.73	23.72	23.90	23.87	23.75		
20	QPSK	50	0	22.90	22.81	23.00	22.95	22.89	24	1
20	QPSK	50	24	22.69	22.83	22.87	22.92	22.76		
20	QPSK	50	50	22.75	22.77	22.91	22.90	22.74		
20	QPSK	100	0	22.86	22.84	22.99	22.91	22.91		
20	16QAM	1	0	22.88	22.78	22.96	22.98	22.86	24	1
20	16QAM	1	49	22.66	22.78	22.95	22.85	22.79		
20	16QAM	1	99	22.74	22.75	22.87	22.85	22.77		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	2
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	2
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	3
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	5
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	5
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.73	23.76	23.85	23.88	23.79	25.00	0
15	QPSK	1	37	23.62	23.75	23.91	23.84	23.69		
15	QPSK	1	74	23.66	23.58	23.81	23.74	23.71		
15	QPSK	36	0	22.80	22.78	22.87	22.90	22.83	24	1
15	QPSK	36	20	22.61	22.79	22.80	22.78	22.73		
15	QPSK	36	39	22.71	22.70	22.88	22.83	22.63		
15	QPSK	75	0	22.75	22.75	22.89	22.83	22.88		
15	16QAM	1	0	22.85	22.64	22.92	22.94	22.81	24	1
15	16QAM	1	37	22.63	22.71	22.90	22.77	22.77		
15	16QAM	1	74	22.67	22.67	22.82	22.79	22.71		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	2
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	2
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	3
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	5
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	5
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.73	23.94	23.82	23.78	25.00	0
10	QPSK	1	25	23.61	23.67	23.80	23.87	23.75		
10	QPSK	1	49	23.65	23.65	23.82	23.79	23.67		
10	QPSK	25	0	22.84	22.73	22.96	22.86	22.79	24	1
10	QPSK	25	12	22.62	22.71	22.83	22.88	22.63		
10	QPSK	25	25	22.66	22.68	22.82	22.83	22.70		
10	QPSK	50	0	22.83	22.79	22.92	22.86	22.85		
10	16QAM	1	0	22.84	22.71	22.93	22.86	22.73	24	1
10	16QAM	1	25	22.61	22.65	22.84	22.73	22.75		
10	16QAM	1	49	22.66	22.64	22.82	22.79	22.66		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	2
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	2
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	3
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	5
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	5
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.77	23.84	23.81	23.78	25.00	0
5	QPSK	1	12	23.62	23.73	23.83	23.77	23.64		
5	QPSK	1	24	23.71	23.68	23.83	23.82	23.67		
5	QPSK	12	0	22.77	22.77	22.95	22.87	22.77	24	1
5	QPSK	12	7	22.58	22.70	22.82	22.88	22.72		
5	QPSK	12	13	22.62	22.74	22.79	22.80	22.64		
5	QPSK	25	0	22.72	22.74	22.97	22.87	22.86		
5	16QAM	1	0	22.74	22.75	22.88	22.87	22.81	24	1
5	16QAM	1	12	22.63	22.67	22.84	22.76	22.68		
5	16QAM	1	24	22.67	22.64	22.81	22.77	22.67		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	2
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	2
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	3
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	5
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	5
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

Band 41 HPUE Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.88	25.96	26.02	25.92	25.93	27	0
20	QPSK	1	49	25.84	25.93	25.98	25.86	25.84		
20	QPSK	1	99	25.79	25.91	25.97	25.80	25.85		
20	QPSK	50	0	24.88	25.01	25.06	24.95	24.95	26	1
20	QPSK	50	24	24.84	24.91	25.01	24.84	24.87		
20	QPSK	50	50	24.81	24.92	25.02	24.75	24.85		
20	QPSK	100	0	24.86	24.96	25.03	24.92	24.91		
20	16QAM	1	0	24.91	24.97	25.02	24.92	24.98	26	1
20	16QAM	1	49	24.84	24.87	25.01	24.91	24.84		
20	16QAM	1	99	24.77	24.95	24.99	24.77	24.88		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	2
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	2
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	3
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.83	25.88	25.94	25.81	25.91	27.00	0
15	QPSK	1	37	25.72	25.88	25.93	25.79	25.72		
15	QPSK	1	74	25.74	25.80	25.90	25.74	25.81		
15	QPSK	36	0	24.84	24.89	24.95	24.91	24.84	26	1
15	QPSK	36	20	24.75	24.82	24.88	24.71	24.75		
15	QPSK	36	39	24.71	24.84	24.96	24.70	24.81		
15	QPSK	75	0	24.75	24.83	24.92	24.82	24.84		
15	16QAM	1	0	24.84	24.90	24.93	24.84	24.87	26	1
15	16QAM	1	37	24.71	24.85	24.88	24.80	24.78		
15	16QAM	1	74	24.75	24.83	24.88	24.74	24.80		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	2
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	2
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	3
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.75	22	5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.92	25.89	25.86	25.89	27.00	0
10	QPSK	1	25	25.71	25.85	25.95	25.75	25.75		
10	QPSK	1	49	25.77	25.83	25.83	25.66	25.82		
10	QPSK	25	0	24.85	24.99	25.02	24.86	24.88	26	1
10	QPSK	25	12	24.73	24.80	24.92	24.77	24.79		
10	QPSK	25	25	24.70	24.84	24.91	24.72	24.72		
10	QPSK	50	0	24.73	24.88	25.00	24.88	24.88		
10	16QAM	1	0	24.85	24.85	24.89	24.86	24.90	26	1
10	16QAM	1	25	24.77	24.82	24.99	24.83	24.70		
10	16QAM	1	49	24.72	24.85	24.93	24.66	24.78		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	2
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.01	23.90	23.84		
10	64QAM	1	0	23.76	23.87	23.95	23.83	23.88	25	2
10	64QAM	1	25	23.69	23.74	23.92	23.85	23.88		
10	64QAM	1	49	23.63	23.82

GSM1900 Ant2 DSI3		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.22	30.30	30.16	30.50	21.22	21.30	21.16	21.50
GPRS 1 Tx slot		30.15	30.25	30.13	30.50	21.15	21.25	21.13	21.50
GPRS 2 Tx slots		27.69	27.76	27.72	28.50	21.69	21.76	21.72	22.50
GPRS 3 Tx slots		25.49	25.56	25.52	26.50	21.23	21.30	21.26	22.24
GPRS 4 Tx slots		23.60	23.70	23.68	25.00	20.60	20.70	20.68	22.00
EDGE 1 Tx slot		24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots		23.71	23.75	23.67	25.00	17.71	17.75	17.67	19.00
EDGE 3 Tx slots		22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots		19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant2 DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.42	19.45	19.41	21.00	18.65	18.73	18.76	20.20
3GPP Rel 99	RMC 12.2Kbps	19.54	19.58	19.50	21.00	18.87	18.89	18.85	20.20
3GPP Rel 6	HSDPA Subtest-1	18.58	18.58	18.46	20.00	17.91	17.80	17.81	19.20
3GPP Rel 6	HSDPA Subtest-2	18.54	18.60	18.50	20.00	17.76	17.92	17.85	19.20
3GPP Rel 6	HSDPA Subtest-3	18.02	18.15	17.95	19.50	17.25	17.42	17.24	18.70
3GPP Rel 6	HSDPA Subtest-4	18.09	18.10	18.02	19.50	17.29	17.41	17.33	18.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.55	18.65	18.48	20.00	17.79	17.88	17.89	19.20
3GPP Rel 8	DC-HSDPA Subtest-2	18.55	18.58	18.41	20.00	17.86	17.79	17.83	19.20
3GPP Rel 8	DC-HSDPA Subtest-3	18.14	18.05	18.05	19.50	17.38	17.43	17.22	18.70
3GPP Rel 8	DC-HSDPA Subtest-4	18.07	18.05	17.87	19.50	17.39	17.39	17.31	18.70
3GPP Rel 6	HSUPA Subtest-1	18.46	18.51	18.54	20.00	17.77	17.82	17.85	19.20
3GPP Rel 6	HSUPA Subtest-2	16.57	16.59	16.46	18.00	15.74	15.88	15.73	17.20
3GPP Rel 6	HSUPA Subtest-3	17.55	17.56	17.48	19.00	16.82	16.91	16.73	18.20
3GPP Rel 6	HSUPA Subtest-4	16.56	16.66	16.55	18.00	15.89	15.92	15.81	17.20
3GPP Rel 6	HSUPA Subtest-5	18.50	18.64	18.54	20.00	17.89	17.89	17.84	19.20

Band 2 Ant 2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.59	20.69	20.58	21.8	0
20	QPSK	1	49	20.65	20.60	20.52		
20	QPSK	1	99	20.60	20.66	20.54		
20	QPSK	50	0	20.55	20.67	20.55		
20	QPSK	50	24	20.58	20.58	20.54		
20	QPSK	50	50	20.59	20.65	20.56		
20	QPSK	100	0	20.61	20.62	20.54		
20	16QAM	1	0	20.58	20.61	20.59		
20	16QAM	1	49	20.60	20.65	20.63	21.8	0
20	16QAM	1	99	20.57	20.66	20.63		
20	16QAM	50	0	20.55	20.62	20.52		
20	16QAM	50	24	20.55	20.60	20.62	21.8	0
20	16QAM	50	50	20.55	20.66	20.62		
20	16QAM	100	0	20.62	20.61	20.61		
20	64QAM	1	0	20.59	20.60	20.54		
20	64QAM	1	49	20.62	20.68	20.56	21.8	0
20	64QAM	1	99	20.57	20.63	20.63		
20	64QAM	50	0	20.62	20.58	20.56		
20	64QAM	50	24	20.64	20.58	20.54	21	0.8
20	64QAM	50	50	20.58	20.68	20.62		
20	64QAM	100	0	19.76	19.82	19.82		
20	256QAM	1	0	17.80	17.79	17.79		
20	256QAM	1	49	17.75	17.86	17.73	19	2.8
20	256QAM	1	99	17.78	17.78	17.78		
20	256QAM	50	0	17.74	17.82	17.76		
20	256QAM	50	24	17.82	17.80	17.83	19	2.8
20	256QAM	50	50	17.79	17.86	17.80		
20	256QAM	100	0	17.74	17.79	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.52	20.63	20.52	21.8	0
15	QPSK	1	37	20.58	20.62	20.54		
15	QPSK	1	74	20.55	20.56	20.51		
15	QPSK	36	0	20.61	20.60	20.56		
15	QPSK	36	20	20.62	20.55	20.50		
15	QPSK	36	39	20.51	20.66	20.51		
15	QPSK	75	0	20.62	20.65	20.54		
15	16QAM	1	0	20.57	20.65	20.56		
15	16QAM	1	37	20.61	20.61	20.60	21.8	0
15	16QAM	1	74	20.63	20.61	20.59		
15	16QAM	36	0	20.60	20.66	20.61		
15	16QAM	36	20	20.58	20.65	20.53	21.8	0
15	16QAM	36	39	20.62	20.63	20.56		
15	16QAM	75	0	20.58	20.65	20.54		
15	64QAM	1	0	20.61	20.62	20.50		
15	64QAM	1	37	20.62	20.60	20.56	21.8	0
15	64QAM	1	74	20.57	20.56	20.61		
15	64QAM	36	0	20.57	20.56	20.51		
15	64QAM	36	20	20.63	20.62	20.61	21	0.8
15	64QAM	36	39	20.53	20.62	20.56		
15	64QAM	75	0	19.80	19.80	19.73		
15	256QAM	1	0	17.75	17.81	17.72		
15	256QAM	1	37	17.82	17.83	17.73	19	2.8
15	256QAM	1	74	17.75	17.81	17.76		
15	256QAM	36	0	17.82	17.84	17.75		
15	256QAM	36	20	17.82	17.83	17.73	19	2.8
15	256QAM	36	39	17.81	17.84	17.81		
15	256QAM	75	0	17.74	17.85	17.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.59	20.63	20.55	21.8	0
10	QPSK	1	25	20.63	20.60	20.61		
10	QPSK	1	49	20.55	20.65	20.59		
10	QPSK	25	0	20.62	20.67	20.51		
10	QPSK	25	12	20.53	20.66	20.57	21.8	0
10	QPSK	25	25	20.52	20.62	20.52		
10	QPSK	50	0	20.53	20.56	20.57		
10	16QAM	1	0	20.57	20.55	20.54		
10	16QAM	1	25	20.54	20.66	20.56	21.8	0
10	16QAM	1	49	20.51	20.63	20.56		
10	16QAM	25	0	20.53	20.65	20.57		
10	16QAM	25	12	20.57	20.63	20.54	21.8	0
10	16QAM	25	25	20.60	20.58	20.51		
10	16QAM	50	0	20.56	20.52	20.52		
10	64QAM	1	0	20.63	20.59	20.57		
10	64QAM	1	25	20.62	20.58	20.54	21.8	0
10	64QAM	1	49	20.56	20.60	20.56		
10	64QAM	25	0	20.60	20.56	20.50		
10	64QAM	25	12	20.58	20.62	20.58	21	0.8
10	64QAM	25	25	20.52	20.63	20.57		
10	64QAM	50	0	19.79	19.76	19.77		
10	256QAM	1	0	17.82	17.79	17.74		
10	256QAM	1	25	17.81	17.83	17.79	19	2.8
10	256QAM	1	49	17.80	17.84	17.81		
10	256QAM	25	0	17.78	17.82	17.71		
10	256QAM	25	12	17.76	17.82	17.71	19	2.8
10	256QAM	25	25	17.77	17.84	17.74		
10	256QAM	50	0	17.74	17.84	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.62	20.63	20.58	21.8	0
5	QPSK	1	12	20.56	20.60	20.54		
5	QPSK	1	24	20.57	20.63	20.57		
5	QPSK	12	0	20.53	20.62	20.61	21.8	0
5	QPSK	12	7	20.56	20.60	20.61		
5	QPSK	12	13	20.56	20.65	20.60		
5	QPSK	25	0	20.59	20.63	20.56		
5	16QAM	1	0	20.62	20.55	20.53	21.8	0
5	16QAM	1	12	20.62	20.56	20.58		
5	16QAM	1	24	20.62	20.60	20.57		
5	16QAM	12	0	20.56	20.61	20.56	21.8	0
5	16QAM	12	7	20.55	20.64	20.52		
5	16QAM	12	13	20.53	20.59	20.55		
5	16QAM	25	0	20.53	20.58	20.57		
5	64QAM	1	0	20.58	20.59	20.59	21.8	0
5	64QAM	1	12	20.55	20.61	20.51		
5	64QAM	1	24	20.59	20.57	20.52		
5	64QAM	12	0	20.56	20.64	20.50	21	0.8
5	64QAM	12	7	20.54	20.60	20.55		
5	64QAM	12	13	20.58	20.64	20.55		
5	64QAM	25	0	19.80	19.79	19.71		
5	256QAM	1	0	17.71	17.77	17.75	19	2.8
5	256QAM	1	12	17.74	17.79	17.74		
5	256QAM	1	24	17.81	17.86	17.82		
5	256QAM	12	0	17.73	17.76	17.72	19	2.8
5	256QAM	12	7	17.81	17.85	17.81		
5	256QAM	12	13	17.72	17.86	17.80		
5	256QAM	25	0	17.77	17.83	17.80		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.60	20.58	20.55	21.8	0
3	QPSK	1	8	20.61	20.61	20.55		
3	QPSK	1	14	20.62	20.57	20.57		
3	QPSK	8	0	20.55	20.67	20.56	21.8	0
3	QPSK	8	4	20.55	20.64	20.62		
3	QPSK	8	7	20.62	20.59	20.51		
3	QPSK	15	0	20.56	20.57	20.52		
3	16QAM	1	0	20.60	20.56	20.51	21.8	0
3	16QAM	1	8	20.62	20.60	20.54		
3	16QAM	1	14	20.58	20.64	20.58		
3	16QAM	8	0	20.54	20.55	20.61	21.8	0
3	16QAM	8	4	20.53	20.61	20.59		
3	16QAM	8	7	20.60	20.63	20.56		
3	16QAM	15	0	20.57	20.65	20.59		
3	64QAM	1	0	20.53	20.56	20.58	21.8	0
3	64QAM	1	8	20.58	20.59	20.55		
3	64QAM	1	14	20.63	20.61	20.51		
3	64QAM	8	0	20.58	20.59	20.62	21	0.8
3	64QAM	8	4	20.57	20.60	20.53		
3	64QAM	8	7	20.59	20.67	20.56		
3	64QAM	15	0	19.83	19.83	19.71		
3	256QAM	1	0	17.83	17.75	17.72		
3	256QAM	1	8	17.81	17.76	17.81	19	2.8
3	256QAM	1	14	17.72	17.80	17.72		
3	256QAM	8	0	17.75	17.76	17.73		
3	256QAM	8	4	17.80	17.79	17.71	19	2.8
3	256QAM	8	7	17.73	17.79	17.81		
3	256QAM	15	0	17.73	17.76	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.63	20.66	20.53	21.8	0
1.4	QPSK	1	3	20.57	20.61	20.57		
1.4	QPSK	1	5	20.57	20.58	20.54		
1.4	QPSK	3	0	20.56	20.59	20.57		
1.4	QPSK	3	1	20.57	20.59	20.51		
1.4	QPSK	3	3	20.52	20.59	20.53		
1.4	QPSK	6	0	20.58	20.57	20.58	21.8	0
1.4	16QAM	1	0	20.56	20.62	20.57	21.8	0
1.4	16QAM	1	3	20.53	20.66	20.61		
1.4	16QAM	1	5	20.60	20.62	20.55		
1.4	16QAM	3	0	20.56	20.55	20.58		
1.4	16QAM	3	1	20.55	20.55	20.53		
1.4	16QAM	3	3	20.62	20.58	20.61		
1.4	16QAM	6	0	20.58	20.60	20.55	21.8	0
1.4	64QAM	1	0	20.56	20.64	20.57	21.8	0
1.4	64QAM	1	3	20.59	20.59	20.59		
1.4	64QAM	1	5	20.58	20.61	20.56		
1.4	64QAM	3	0	20.54	20.59	20.53		
1.4	64QAM	3	1	20.58	20.61	20.54		
1.4	64QAM	3	3	20.58	20.58	20.61		
1.4	64QAM	6	0	19.77	19.83	19.77	21	0.8
1.4	256QAM	1	0	17.78	17.77	17.80	19	2.8
1.4	256QAM	1	3	17.79	17.83	17.71		
1.4	256QAM	1	5	17.74	17.81	17.74		
1.4	256QAM	3	0	17.71	17.83	17.73		
1.4	256QAM	3	1	17.72	17.86	17.75		
1.4	256QAM	3	3	17.79	17.86	17.76		
1.4	256QAM	6	0	17.76	17.80	17.77	19	2.8

Band 4 Ant 2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.74	20.78	20.68	21.9	0
20	QPSK	1	49	20.69	20.77	20.69		
20	QPSK	1	99	20.73	20.77	20.67		
20	QPSK	50	0	20.63	20.76	20.70		
20	QPSK	50	24	20.68	20.70	20.61		
20	QPSK	50	50	20.72	20.68	20.62		
20	QPSK	100	0	20.70	20.74	20.68		
20	16QAM	1	0	20.72	20.72	20.64		
20	16QAM	1	49	20.68	20.73	20.66	21.9	0
20	16QAM	1	99	20.74	20.67	20.67		
20	16QAM	50	0	20.67	20.71	20.64		
20	16QAM	50	24	20.74	20.76	20.72	21.9	0
20	16QAM	50	50	20.65	20.75	20.62		
20	16QAM	100	0	20.69	20.73	20.65		
20	64QAM	1	0	20.64	20.68	20.72		
20	64QAM	1	49	20.68	20.72	20.69	21.9	0
20	64QAM	1	99	20.70	20.72	20.69		
20	64QAM	50	0	20.63	20.68	20.64		
20	64QAM	50	24	20.68	20.69	20.66	21	0.9
20	64QAM	50	50	20.68	20.74	20.65		
20	64QAM	100	0	19.78	19.86	19.74		
20	256QAM	1	0	17.79	17.79	17.83		
20	256QAM	1	49	17.81	17.80	17.72	19	2.9
20	256QAM	1	99	17.82	17.84	17.83		
20	256QAM	50	0	17.80	17.85	17.79		
20	256QAM	50	24	17.77	17.84	17.75	19	2.9
20	256QAM	50	50	17.73	17.88	17.73		
20	256QAM	100	0	17.80	17.77	17.72		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.55	20.57	20.59	21.9	0
15	QPSK	1	37	20.58	20.61	20.55		
15	QPSK	1	74	20.63	20.64	20.59		
15	QPSK	36	0	20.52	20.67	20.61		
15	QPSK	36	20	20.52	20.62	20.58		
15	QPSK	36	39	20.59	20.60	20.56		
15	QPSK	75	0	20.58	20.62	20.58		
15	16QAM	1	0	20.58	20.64	20.52		
15	16QAM	1	37	20.55	20.61	20.56	21.9	0
15	16QAM	1	74	20.61	20.61	20.59		
15	16QAM	36	0	20.56	20.65	20.52		
15	16QAM	36	20	20.52	20.66	20.58	21.9	0
15	16QAM	36	39	20.63	20.58	20.52		
15	16QAM	75	0	20.54	20.60	20.51		
15	64QAM	1	0	20.59	20.66	20.62		
15	64QAM	1	37	20.59	20.60	20.56	21.9	0
15	64QAM	1	74	20.61	20.66	20.55		
15	64QAM	36	0	20.62	20.65	20.61		
15	64QAM	36	20	20.58	20.61	20.52	21	0.9
15	64QAM	36	39	20.63	20.59	20.56		
15	64QAM	75	0	19.64	19.66	19.65		
15	256QAM	1	0	17.69	17.73	17.67		
15	256QAM	1	37	17.72	17.73	17.62	19	2.9
15	256QAM	1	74	17.71	17.75	17.68		
15	256QAM	36	0	17.72	17.78	17.68		
15	256QAM	36	20	17.64	17.72	17.68	19	2.9
15	256QAM	36	39	17.67	17.74	17.71		
15	256QAM	75	0	17.64	17.72	17.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.58	20.61	20.57	21.9	0
10	QPSK	1	25	20.54	20.63	20.58		
10	QPSK	1	49	20.54	20.59	20.55		
10	QPSK	25	0	20.60	20.65	20.58		
10	QPSK	25	12	20.63	20.61	20.57	21.9	0
10	QPSK	25	25	20.55	20.57	20.61		
10	QPSK	50	0	20.56	20.61	20.57		
10	16QAM	1	0	20.62	20.66	20.60		
10	16QAM	1	25	20.54	20.62	20.63	21.9	0
10	16QAM	1	49	20.53	20.61	20.58		
10	16QAM	25	0	20.63	20.64	20.58		
10	16QAM	25	12	20.57	20.62	20.57	21.9	0
10	16QAM	25	25	20.63	20.60	20.58		
10	16QAM	50	0	20.63	20.56	20.57		
10	64QAM	1	0	20.60	20.64	20.57		
10	64QAM	1	25	20.63	20.62	20.52	21.9	0
10	64QAM	1	49	20.55	20.58	20.55		
10	64QAM	25	0	20.55	20.58	20.52		
10	64QAM	25	12	20.55	20.62	20.52	21	0.9
10	64QAM	25	25	20.53	20.60	20.55		
10	64QAM	50	0	19.71	19.71	19.69		
10	256QAM	1	0	17.64	17.67	17.71		
10	256QAM	1	25	17.67	17.69	17.64	19	2.9
10	256QAM	1	49	17.72	17.68	17.64		
10	256QAM	25	0	17.70	17.70	17.68		
10	256QAM	25	12	17.63	17.68	17.70	19	2.9
10	256QAM	25	25	17.67	17.68	17.63		
10	256QAM	50	0	17.64	17.72	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1751.5		
5	QPSK	1	0	20.61	20.59	20.52	21.9	0
5	QPSK	1	12	20.61	20.59	20.59		
5	QPSK	1	24	20.52	20.63	20.53		
5	QPSK	12	0	20.58	20.56	20.59	21.9	0
5	QPSK	12	7	20.63	20.58	20.53		
5	QPSK	12	13	20.57	20.62	20.55		
5	QPSK	25	0	20.56	20.66	20.55		
5	16QAM	1	0	20.60	20.58	20.54	21.9	0
5	16QAM	1	12	20.54	20.58	20.62		
5	16QAM	1	24	20.61	20.66	20.58		
5	16QAM	12	0	20.53	20.63	20.58	21.9	0
5	16QAM	12	7	20.53	20.56	20.56		
5	16QAM	12	13	20.54	20.64	20.59		
5	16QAM	25	0	20.63	20.64	20.63		
5	64QAM	1	0	20.58	20.63	20.52	21.9	0
5	64QAM	1	12	20.56	20.58	20.58		
5	64QAM	1	24	20.55	20.60	20.57		
5	64QAM	12	0	20.53	20.65	20.53	21	0.9
5	64QAM	12	7	20.54	20.66	20.59		
5	64QAM	12	13	20.61	20.68	20.58		
5	64QAM	25	0	19.64	19.75	19.61		
5	256QAM	1	0	17.72	17.75	17.71	19	2.9
5	256QAM	1	12	17.70	17.70	17.68		
5	256QAM	1	24	17.62	17.75	17.61		
5	256QAM	12	0	17.65	17.76	17.70	19	2.9
5	256QAM	12	7	17.66	17.67	17.70		
5	256QAM	12	13	17.65	17.77	17.65		
5	256QAM	25	0	17.71	17.67	17.66		
Channel				19950	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.55	20.66	20.57	21.9	0
3	QPSK	1	8	20.62	20.61	20.54		
3	QPSK	1	14	20.63	20.58	20.63		
3	QPSK	8	0	20.56	20.57	20.54	21.9	0
3	QPSK	8	4	20.62	20.57	20.61		
3	QPSK	8	7	20.56	20.61	20.60		
3	QPSK	15	0	20.61	20.64	20.53		
3	16QAM	1	0	20.57	20.57	20.53	21.9	0
3	16QAM	1	8	20.62	20.57	20.56		
3	16QAM	1	14	20.61	20.58	20.60		
3	16QAM	8	0	20.62	20.59	20.54	21.9	0
3	16QAM	8	4	20.61	20.57	20.55		
3	16QAM	8	7	20.53	20.56	20.62		
3	16QAM	15	0	20.53	20.66	20.57		
3	64QAM	1	0	20.62	20.61	20.59	21.9	0
3	64QAM	1	8	20.63	20.64	20.54		
3	64QAM	1	14	20.56	20.67	20.60		
3	64QAM	8	0	20.61	20.57	20.58	21	0.9
3	64QAM	8	4	20.56	20.58	20.51		
3	64QAM	8	7	20.58	20.59	20.63		
3	64QAM	15	0	19.73	19.71	19.71		
3	256QAM	1	0	17.69	17.66	17.73	19	2.9
3	256QAM	1	8	17.69	17.73	17.71		
3	256QAM	1	14	17.70	17.70	17.62		
3	256QAM	8	0	17.68	17.78	17.63	19	2.9
3	256QAM	8	4	17.71	17.72	17.72		
3	256QAM	8	7	17.67	17.68	17.71		
3	256QAM	15	0	17.67	17.74	17.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.60	20.58	20.54	21.9	0
1.4	QPSK	1	3	20.62	20.59	20.59		
1.4	QPSK	1	5	20.63	20.66	20.61		
1.4	QPSK	3	0	20.59	20.60	20.63		
1.4	QPSK	3	1	20.55	20.59	20.57		
1.4	QPSK	3	3	20.53	20.57	20.58		
1.4	QPSK	6	0	20.52	20.66	20.57	21.9	0
1.4	16QAM	1	0	20.53	20.66	20.54	21.9	0
1.4	16QAM	1	3	20.58	20.60	20.61		
1.4	16QAM	1	5	20.59	20.57	20.57		
1.4	16QAM	3	0	20.53	20.62	20.60		
1.4	16QAM	3	1	20.57	20.62	20.60		
1.4	16QAM	3	3	20.63	20.64	20.53		
1.4	16QAM	6	0	20.55	20.62	20.56	21.9	0
1.4	64QAM	1	0	20.60	20.65	20.56	21.9	0
1.4	64QAM	1	3	20.61	20.66	20.52		
1.4	64QAM	1	5	20.56	20.61	20.60		
1.4	64QAM	3	0	20.53	20.64	20.56		
1.4	64QAM	3	1	20.59	20.61	20.61		
1.4	64QAM	3	3	20.58	20.62	20.52		
1.4	64QAM	6	0	19.67	19.75	19.66	21	0.9
1.4	256QAM	1	0	17.69	17.72	17.72	19	2.9
1.4	256QAM	1	3	17.72	17.70	17.69		
1.4	256QAM	1	5	17.69	17.75	17.72		
1.4	256QAM	3	0	17.69	17.70	17.66		
1.4	256QAM	3	1	17.72	17.72	17.69		
1.4	256QAM	3	3	17.69	17.72	17.67		
1.4	256QAM	6	0	17.71	17.68	17.65	19	2.9

Band 7 Ant 2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.33	20.45	20.43	21.8	0
20	QPSK	1	49	20.29	20.33	20.35		
20	QPSK	1	99	20.33	20.30	20.33		
20	QPSK	50	0	20.34	20.43	20.34		
20	QPSK	50	24	20.29	20.35	20.36	21.8	0
20	QPSK	50	50	20.31	20.35	20.42		
20	QPSK	100	0	20.32	20.37	20.36		
20	16QAM	1	0	20.29	20.32	20.38		
20	16QAM	1	49	20.32	20.30	20.40	21.8	0

Band 25 Ant 2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26540		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.63	20.73	20.72	21.8	0
20	QPSK	1	49	20.68	20.61	20.71		
20	QPSK	50	0	20.62	20.66	20.68	21.8	0
20	QPSK	50	50	20.69	20.72	20.71		
20	QPSK	50	24	20.59	20.62	20.67		
20	QPSK	50	50	20.69	20.68	20.66		
20	QPSK	100	0	20.65	20.70	20.66		
20	16QAM	1	0	20.64	20.69	20.71	21.8	0
20	16QAM	1	49	20.64	20.66	20.68		
20	16QAM	1	99	20.67	20.67	20.66		
20	16QAM	50	0	20.62	20.64	20.70	21.8	0
20	16QAM	50	24	20.61	20.70	20.69		
20	16QAM	50	50	20.58	20.70	20.71		
20	16QAM	100	0	20.64	20.69	20.69		
20	64QAM	1	0	20.61	20.68	20.69	21.8	0
20	64QAM	1	49	20.61	20.64	20.68		
20	64QAM	1	99	20.59	20.71	20.69		
20	64QAM	50	0	19.87	19.88	19.88	21	0.8
20	64QAM	50	24	19.87	19.84	19.89		
20	64QAM	50	50	19.90	19.86	19.89		
20	64QAM	100	0	19.86	19.82	19.91		
20	256QAM	1	0	17.82	17.86	17.87	19	2.8
20	256QAM	1	49	17.82	17.86	17.96		
20	256QAM	1	99	17.78	17.88	17.94		
20	256QAM	50	0	17.79	17.87	17.92	19	2.8
20	256QAM	50	24	17.80	17.83	17.89		
20	256QAM	50	50	17.79	17.81	17.86		
20	256QAM	100	0	17.81	17.83	17.88		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.57	20.58	20.69	21.8	0
15	QPSK	1	37	20.53	20.54	20.65		
15	QPSK	1	74	20.57	20.60	20.58		
15	QPSK	36	0	20.52	20.55	20.62	21.8	0
15	QPSK	36	20	20.53	20.56	20.65		
15	QPSK	36	39	20.58	20.58	20.65		
15	QPSK	75	0	20.56	20.60	20.62		
15	16QAM	1	0	20.60	20.57	20.67	21.8	0
15	16QAM	1	37	20.54	20.57	20.70		
15	16QAM	1	74	20.55	20.65	20.64		
15	16QAM	36	0	20.58	20.54	20.67	21.8	0
15	16QAM	36	20	20.57	20.61	20.67		
15	16QAM	36	39	20.53	20.55	20.65		
15	16QAM	75	0	20.54	20.64	20.65		
15	64QAM	1	0	20.52	20.59	20.70	21.8	0
15	64QAM	1	37	20.62	20.61	20.68		
15	64QAM	1	74	20.57	20.61	20.62		
15	64QAM	36	0	19.81	19.77	19.86	21	0.8
15	64QAM	36	20	19.81	19.76	19.82		
15	64QAM	36	39	19.83	19.77	19.83		
15	64QAM	75	0	19.72	19.82	19.79		
15	256QAM	1	0	17.76	17.74	17.85	19	2.8
15	256QAM	1	37	17.76	17.76	17.82		
15	256QAM	1	74	17.82	17.85	17.80		
15	256QAM	36	0	17.74	17.75	17.79	19	2.8
15	256QAM	36	20	17.77	17.79	17.81		
15	256QAM	36	39	17.77	17.85	17.89		
15	256QAM	75	0	17.74	17.84	17.83		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.52	20.56	20.69	21.8	0
10	QPSK	1	25	20.61	20.55	20.65		
10	QPSK	1	49	20.54	20.65	20.65		
10	QPSK	25	0	20.62	20.60	20.68	21.8	0
10	QPSK	25	12	20.54	20.65	20.67		
10	QPSK	25	25	20.55	20.66	20.65		
10	QPSK	50	0	20.62	20.55	20.67		
10	16QAM	1	0	20.54	20.58	20.59	21.8	0
10	16QAM	1	25	20.58	20.57	20.69		
10	16QAM	1	49	20.62	20.62	20.67		
10	16QAM	25	0	20.52	20.57	20.60	21.8	0
10	16QAM	25	12	20.52	20.59	20.59		
10	16QAM	25	25	20.61	20.61	20.62		
10	16QAM	50	0	20.62	20.60	20.64		
10	64QAM	1	0	20.57	20.63	20.66	21.8	0
10	64QAM	1	25	20.53	20.62	20.70		
10	64QAM	1	49	20.62	20.63	20.60		
10	64QAM	25	0	19.75	19.77	19.78	21	0.8
10	64QAM	25	12	19.75	19.80	19.85		
10	64QAM	25	25	19.79	19.77	19.86		
10	64QAM	50	0	19.77	19.75	19.80		
10	256QAM	1	0	17.79	17.78	17.85	19	2.8
10	256QAM	1	25	17.79	17.84	17.90		
10	256QAM	1	49	17.82	17.81	17.80		
10	256QAM	25	0	17.72	17.76	17.82	19	2.8
10	256QAM	25	12	17.82	17.80	17.81		
10	256QAM	25	25	17.83	17.86	17.79		
10	256QAM	50	0	17.80	17.84	17.88		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.61	20.62	20.66	21.8	0
5	QPSK	1	12	20.62	20.62	20.65		
5	QPSK	1	24	20.60	20.56	20.64		
5	QPSK	12	0	20.54	20.64	20.66	21.8	0
5	QPSK	12	7	20.55	20.60	20.66		
5	QPSK	12	13	20.51	20.60	20.58		
5	QPSK	25	0	20.52	20.66	20.64		
5	16QAM	1	0	20.60	20.61	20.68	21.8	0
5	16QAM	1	12	20.54	20.62	20.68		
5	16QAM	1	24	20.58	20.63	20.61		
5	16QAM	12	0	20.55	20.55	20.59	21.8	0
5	16QAM	12	7	20.62	20.65	20.62		
5	16QAM	12	13	20.53	20.56	20.69		
5	16QAM	25	0	20.55	20.56	20.61		
5	64QAM	1	0	20.56	20.63	20.67	21.8	0
5	64QAM	1	12	20.55	20.56	20.65		
5	64QAM	1	24	20.62	20.59	20.60		
5	64QAM	12	0	19.78	19.86	19.89	21	0.8
5	64QAM	12	7	19.77	19.82	19.80		
5	64QAM	12	13	19.73	19.85	19.81		
5	64QAM	25	0	19.75	19.78	19.87		
5	256QAM	1	0	17.78	17.83	17.86	19	2.8
5	256QAM	1	12	17.75	17.78	17.82		
5	256QAM	1	24	17.81	17.85	17.80		
5	256QAM	12	0	17.72	17.82	17.82	19	2.8
5	256QAM	12	7	17.77	17.76	17.87		
5	256QAM	12	13	17.77	17.78	17.86		
5	256QAM	25	0	17.78	17.77	17.83		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.60	20.64	20.66	21.8	0
3	QPSK	1	8	20.61	20.65	20.59		
3	QPSK	1	14	20.57	20.60	20.58		
3	QPSK	8	0	20.51	20.61	20.64	21.8	0
3	QPSK	8	4	20.56	20.65	20.64		
3	QPSK	8	7	20.58	20.56	20.67		
3	QPSK	15	0	20.52	20.64	20.68		
3	16QAM	1	0	20.63	20.63	20.67	21.8	0
3	16QAM	1	8	20.61	20.61	20.59		
3	16QAM	1	14	20.51	20.62	20.65		
3	16QAM	8	0	20.63	20.59	20.67	21.8	0
3	16QAM	8	4	20.59	20.63	20.65		
3	16QAM	8	7	20.53	20.59	20.69		
3	16QAM	15	0	20.53	20.57	20.59		
3	64QAM	1	0	20.62	20.60	20.61	21.8	0
3	64QAM	1	8	20.63	20.59	20.66		
3	64QAM	1	14	20.56	20.56	20.58		
3	64QAM	8	0	19.73	19.80	19.83	21	0.8
3	64QAM	8	4	19.74	19.77	19.79		
3	64QAM	8	7	19.80	19.81	19.87		
3	64QAM	15	0	19.82	19.86	19.85		
3	256QAM	1	0	17.76	17.74	17.83	19	2.8
3	256QAM	1	8	17.77	17.77	17.88		
3	256QAM	1	14	17.75	17.77	17.80		
3	256QAM	8	0	17.74	17.81	17.82	19	2.8
3	256QAM	8	4	17.76	17.81	17.84		
3	256QAM	8	7	17.73	17.75	17.90		
3	256QAM	15	0	17.82	17.81	17.78		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.51	20.63	20.63	21.8	0
1.4	QPSK	1	3	20.58	20.58	20.65		
1.4	QPSK	1	5	20.58	20.56	20.64		
1.4	QPSK	3	0	20.52	20.61	20.61		
1.4	QPSK	3	1	20.53	20.63	20.65		
1.4	QPSK	3	3	20.51	20.65	20.65		
1.4	QPSK	6	0	20.53	20.65	20.67	21.8	0
1.4	16QAM	1	0	20.51	20.55	20.58	21.8	0
1.4	16QAM	1	3	20.53	20.63	20.62		
1.4	16QAM	1	5	20.58	20.64	20.68		
1.4	16QAM	3	0	20.54	20.58	20.66		
1.4	16QAM	3	1	20.54	20.62	20.60		
1.4	16QAM	3	3	20.59	20.59	20.70		
1.4	16QAM	6	0	20.56	20.60	20.64	21.8	0
1.4	64QAM	1	0	20.61	20.59	20.60	21.8	0
1.4	64QAM	1	3	20.61	20.58	20.65		
1.4	64QAM	1	5	20.57	20.58	20.58		
1.4	64QAM	3	0	20.58	20.59	20.66		
1.4	64QAM	3	1	20.53	20.63	20.67		
1.4	64QAM	3	3	20.59	20.62	20.67		
1.4	64QAM	6	0	19.79	19.75	19.90	21	0.8
1.4	256QAM	1	0	17.75	17.77	17.81	19	2.8
1.4	256QAM	1	3	17.73	17.80	17.80		
1.4	256QAM	1	5	17.80	17.80	17.86		
1.4	256QAM	3	0	17.77	17.80	17.85		
1.4	256QAM	3	1	17.75	17.85	17.90		
1.4	256QAM	3	3	17.72	17.77	17.84		
1.4	256QAM	6	0	17.72	17.83	17.82	19	2.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.32		21.2	0
10	QPSK	1	25		20.29			
10	QPSK	1	49		20.21			
10	QPSK	25	0		20.31		21.2	0
10	QPSK	25	12		20.30			
10	QPSK	25	25		20.26			
10	QPSK	50	0		20.27			
10	16QAM	1	0		20.22		21.2	0
10	16QAM	1	25		20.29			
10	16QAM	1	49		20.30			
10	16QAM	25	0		20.28		21.2	0
10	16QAM	25	12		20.24			
10	16QAM	25	25		20.31			
10	16QAM	50	0		20.26			
10	64QAM	1	0		20.25		21.2	0
10	64QAM	1	25		20.31			
10	64QAM	1	49		20.30			
10	64QAM	25	0		20.08		21	0.2
10	64QAM	25	12		20.04			
10	64QAM	25	25		20.09			
10	64QAM	50	0		20.05			
10	256QAM	1	0		18.05		19	2.2
10	256QAM	1	25		18.01			
10	256QAM	1	49		18.02			
10	256QAM	25	0		18.02		19	2.2
10	256QAM	25	12		18.04			
10	256QAM	25	25		18.04			
10	256QAM	50	0		18.11			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.24	20.17	20.21	21.2	0
5	QPSK	1	12	20.24	20.17	20.25		
5	QPSK	1	24	20.19	20.19	20.27		
5	QPSK	12	0	20.21	20.17	20.16	21.2	0
5	QPSK	12	7	20.19	20.23	20.15		
5	QPSK	12	13	20.19	20.18	20.23		
5	QPSK	25	0	20.24	20.25	20.16		
5	16QAM	1	0	20.27	20.15	20.19	21.2	0
5	16QAM	1	12	20.16	20.26	20.22		
5	16QAM	1	24	20.25	20.18	20.20		
5	16QAM	12	0	20.17	20.21	20.25	21.2	0
5	16QAM	12	7	20.21	20.22	20.21		
5	16QAM	12	13	20.20	20.23	20.22		
5	16QAM	25	0	20.23	20.21	20.19		
5	64QAM	1	0	20.16	20.16	20.17	21.2	0
5	64QAM	1	12	20.22	20.21	20.18		
5	64QAM	1	24	20.24	20.26	20.16		
5	64QAM	12	0	20.01	20.00	20.00	21	0.2
5	64QAM	12	7	19.95	20.00	20.00		
5	64QAM	12	13	19.97	20.04	20.06		
5	64QAM	25	0	19.99	20.04	20.06		
5	256QAM	1	0	17.96	18.07	18.06	19	2.2
5	256QAM	1	12	17.97	18.04	17.99		
5	256QAM	1	24	17.98	17.97	18.01		
5	256QAM	12	0	18.04	18.05	17.97	19	2.2
5	256QAM	12	7	17.97	18.03	17.96		
5	256QAM	12	13	18.00	17.99	18.01		
5	256QAM	25	0	17.95	18.01	17.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.76	20.86	20.85	21.9	0
20	QPSK	1	49	20.79	20.78	20.78		
20	QPSK	1	99	20.83	20.70	20.83		
20	QPSK	50	0	20.76	20.84	20.81	21.9	0
20	QPSK	50	24	20.76	20.72	20.83		
20	QPSK	50	50	20.82	20.75	20.80		
20	QPSK	100	0	20.81	20.83	20.78		
20	16QAM	1	0	20.81	20.74	20.82	21.9	0
20	16QAM	1	49	20.78	20.79	20.82		
20	16QAM	1	99	20.82	20.81	20.80		
20	16QAM	50	0	20.78	20.77	20.82	21.9	0
20	16QAM	50	24	20.78	20.77	20.77		
20	16QAM	50	50	20.84	20.80	20.75		
20	16QAM	100	0	20.82	20.78	20.81	21.9	0
20	64QAM	1	0	20.79	20.75	20.83		
20	64QAM	1	49	20.84	20.81	20.78		
20	64QAM	1	99	20.83	20.70	20.81		
20	64QAM	50	0	19.83	19.87	19.86	21	0.9
20	64QAM	50	24	19.89	19.80	19.95		
20	64QAM	50	50	19.83	19.80	19.96		
20	64QAM	100	0	19.93	19.87	19.91		
20	256QAM	1	0	17.90	17.86	17.96	19	2.9
20	256QAM	1	49	17.93	17.90	17.91		
20	256QAM	1	99	17.87	17.85	17.92		
20	256QAM	50	0	17.89	17.79	17.87	19	2.9
20	256QAM	50	24	17.93	17.84	17.90		
20	256QAM	50	50	17.87	17.82	17.87		
20	256QAM	100	0	17.88	17.79	17.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.64	20.64	20.76	21.9	0
15	QPSK	1	37	20.74	20.66	20.76		
15	QPSK	1	74	20.66	20.65	20.73		
15	QPSK	36	0	20.71	20.68	20.71	21.9	0
15	QPSK	36	20	20.64	20.63	20.67		
15	QPSK	36	39	20.72	20.61	20.70		
15	QPSK	75	0	20.65	20.65	20.71		
15	16QAM	1	0	20.65	20.71	20.70	21.9	0
15	16QAM	1	37	20.63	20.69	20.70		
15	16QAM	1	74	20.69	20.62	20.74		
15	16QAM	36	0	20.68	20.61	20.71	21.9	0
15	16QAM	36	20	20.65	20.67	20.69		
15	16QAM	36	39	20.68	20.61	20.73		
15	16QAM	75	0	20.69	20.63	20.75		
15	64QAM	1	0	20.70	20.61	20.75	21.9	0
15	64QAM	1	37	20.66	20.67	20.67		
15	64QAM	1	74	20.66	20.68	20.76		
15	64QAM	36	0	19.76	19.74	19.81	21	0.9
15	64QAM	36	20	19.83	19.73	19.84		
15	64QAM	36	39	19.77	19.71	19.76		
15	64QAM	75	0	19.77	19.76	19.77		
15	256QAM	1	0	17.83	17.77	17.79	19	2.9
15	256QAM	1	37	17.77	17.76	17.81		
15	256QAM	1	74	17.81	17.73	17.75		
15	256QAM	36	0	17.84	17.69	17.78	19	2.9
15	256QAM	36	20	17.83	17.71	17.83		
15	256QAM	36	39	17.81	17.73	17.86		
15	256QAM	75	0	17.84	17.80	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.70	20.67	20.70	21.9	0
10	QPSK	1	25	20.70	20.70	20.76		
10	QPSK	1	49	20.64	20.65	20.65		
10	QPSK	25	0	20.75	20.67	20.68	21.9	0
10	QPSK	25	12	20.69	20.70	20.74		
10	QPSK	25	25	20.72	20.62	20.72		
10	QPSK	50	0	20.64	20.66	20.66		
10	16QAM	1	0	20.71	20.65	20.67	21.9	0
10	16QAM	1	25	20.66	20.70	20.75		
10	16QAM	1	49	20.70	20.70	20.66		
10	16QAM	25	0	20.65	20.62	20.68	21.9	0
10	16QAM	25	12	20.75	20.63	20.65		
10	16QAM	25	25	20.64	20.67	20.67		
10	16QAM	50	0	20.71	20.64	20.75		
10	64QAM	1	0	20.65	20.61	20.69	21.9	0
10	64QAM	1	25	20.65	20.70	20.65		
10	64QAM	1	49	20.68	20.67	20.76		
10	64QAM	25	0	19.83	19.75	19.81	21	0.9
10	64QAM	25	12	19.77	19.76	19.86		
10	64QAM	25	25	19.78	19.79	19.85		
10	64QAM	50	0	19.85	19.72	19.84		
10	256QAM	1	0	17.85	17.72	17.77	19	2.9
10	256QAM	1	25	17.75	17.71	17.76		
10	256QAM	1	49	17.74	17.78	17.86		
10	256QAM	25	0	17.83	17.78	17.78	19	2.9
10	256QAM	25	12	17.84	17.72	17.82		
10	256QAM	25	25	17.78	17.81	17.80		
10	256QAM	50	0	17.80	17.79	17.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.69	20.63	20.68	21.9	0
5	QPSK	1	12	20.70	20.65	20.66		
5	QPSK	1	24	20.65	20.61	20.73		
5	QPSK	12	0	20.69	20.67	20.76	21.9	0
5	QPSK	12	7	20.64	20.63	20.73		
5	QPSK	12	13	20.75	20.66	20.74		
5	QPSK	25	0	20.67	20.59	20.76		
5	16QAM	1	0	20.65	20.60	20.67	21.9	0
5	16QAM	1	12	20.72	20.63	20.79		
5	16QAM	1	24	20.64	20.62	20.76		
5	16QAM	12	0	20.63	20.69	20.74	21.9	0
5	16QAM	12	7	20.72	20.66	20.68		
5	16QAM	12	13	20.73	20.67	20.67		
5	16QAM	25	0	20.74	20.59	20.72		
5	64QAM	1	0	20.63	20.69	20.72	21.9	0
5	64QAM	1	12	20.67	20.71	20.68		
5	64QAM	1	24	20.64	20.60	20.72		
5	64QAM	12	0	19.83	19.75	19.77	21	0.9
5	64QAM	12	7	19.83	19.73	19.77		
5	64QAM	12	13	19.79	19.79	19.82		
5	64QAM	25	0	19.79	19.71	19.84		
5	256QAM	1	0	17.80	17.73	17.78	19	2.9
5	256QAM	1	12	17.85	17.78	17.76		
5	256QAM	1	24	17.80	17.78	17.85		
5	256QAM	12	0	17.82	17.75	17.80	19	2.9
5	256QAM	12	7	17.75	17.80	17.86		
5	256QAM	12	13	17.83	17.73	17.76		
5	256QAM	25	0	17.83	17.75	17.76		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.71	20.68	20.74	21.9	0
3	QPSK	1	8	20.70	20.66	20.67		
3	QPSK	1	14	20.65	20.62	20.75		
3	QPSK	8	0	20.74	20.64	20.67	21.9	0
3	QPSK	8	4	20.64	20.68	20.72		
3	QPSK	8	7	20.64	20.68	20.66		
3	QPSK	15	0	20.68	20.60	20.74		
3	16QAM	1	0	20.68	20.62	20.74	21.9	0
3	16QAM	1	8	20.69	20.66	20.69		
3	16QAM	1	14	20.70	20.64	20.71		
3	16QAM	8	0	20.70	20.67	20.77	21.9	0
3	16QAM	8	4	20.65	20.70	20.72		
3	16QAM	8	7	20.68	20.67	20.68		
3	16QAM	15	0	20.72	20.61	20.76		
3	64QAM	1	0	20.64	20.69	20.69	21.9	0
3	64QAM	1	8	20.69	20.62	20.75		
3	64QAM	1	14	20.65	20.66	20.69

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.44	22.47	22.42	23.5	0
20	QPSK	1	49	22.40	22.43	22.45		
20	QPSK	1	99	22.41	22.43	22.45		
20	QPSK	50	0	22.40	22.46	22.41	23.5	0
20	QPSK	50	24	22.45	22.44	22.38		
20	QPSK	50	50	22.38	22.44	22.45		
20	QPSK	100	0	22.41	22.45	22.42		
20	16QAM	1	0	22.45	22.44	22.39	23.5	0
20	16QAM	1	49	22.43	22.45	22.43		
20	16QAM	1	99	22.46	22.41	22.39		
20	16QAM	50	0	21.91	22.02	21.92	23	0.5
20	16QAM	50	24	21.98	22.02	21.96		
20	16QAM	50	50	21.92	22.01	21.94		
20	16QAM	100	0	21.93	21.95	21.97		
20	64QAM	1	0	21.93	21.93	21.99	23	0.5
20	64QAM	1	49	21.89	21.95	21.97		
20	64QAM	1	99	21.95	22.03	21.98		
20	64QAM	50	0	20.94	21.03	20.96	22	1.5
20	64QAM	50	24	21.00	20.98	20.93		
20	64QAM	50	50	20.88	20.96	20.88		
20	64QAM	100	0	20.98	20.93	20.95		
20	256QAM	1	0	18.89	19.05	18.98	20	3.5
20	256QAM	1	49	18.89	19.02	18.91		
20	256QAM	1	99	18.94	18.99	18.98		
20	256QAM	50	0	18.98	19.01	18.95	20	3.5
20	256QAM	50	24	18.88	18.98	18.90		
20	256QAM	50	50	18.99	19.03	18.89		
20	256QAM	100	0	18.95	18.96	18.98		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.34	22.34	22.34	23.5	0
15	QPSK	1	37	22.36	22.41	22.39		
15	QPSK	1	74	22.30	22.39	22.33		
15	QPSK	36	0	22.35	22.34	22.32	23.5	0
15	QPSK	36	20	22.31	22.34	22.37		
15	QPSK	36	39	22.39	22.43	22.34		
15	QPSK	75	0	22.39	22.34	22.29		
15	16QAM	1	0	22.39	22.40	22.34	23.5	0
15	16QAM	1	37	22.39	22.36	22.28		
15	16QAM	1	74	22.31	22.36	22.39		
15	16QAM	36	0	21.82	21.89	21.81	23	0.5
15	16QAM	36	20	21.82	21.85	21.84		
15	16QAM	36	39	21.86	21.83	21.80		
15	16QAM	75	0	21.86	21.91	21.89		
15	64QAM	1	0	21.78	21.87	21.90	23	0.5
15	64QAM	1	37	21.83	21.94	21.83		
15	64QAM	1	74	21.80	21.83	21.82		
15	64QAM	36	0	20.82	20.85	20.81	22	1.5
15	64QAM	36	20	20.87	20.90	20.80		
15	64QAM	36	39	20.85	20.90	20.78		
15	64QAM	75	0	20.82	20.85	20.83		
15	256QAM	1	0	18.80	18.86	18.85	20	3.5
15	256QAM	1	37	18.87	18.90	18.87		
15	256QAM	1	74	18.83	18.83	18.87		
15	256QAM	36	0	18.81	18.84	18.86	20	3.5
15	256QAM	36	20	18.90	18.94	18.88		
15	256QAM	36	39	18.83	18.85	18.86		
15	256QAM	75	0	18.90	18.90	18.81		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.39	22.45	22.35	23.5	0
10	QPSK	1	25	22.33	22.40	22.31		
10	QPSK	1	49	22.28	22.34	22.38		
10	QPSK	25	0	22.40	22.44	22.39	23.5	0
10	QPSK	25	12	22.32	22.45	22.36		
10	QPSK	25	25	22.30	22.40	22.31		
10	QPSK	50	0	22.39	22.45	22.37		
10	16QAM	1	0	22.31	22.35	22.31	23.5	0
10	16QAM	1	25	22.33	22.39	22.37		
10	16QAM	1	49	22.33	22.42	22.38		
10	16QAM	25	0	21.89	21.94	21.89	23	0.5
10	16QAM	25	12	21.86	21.90	21.86		
10	16QAM	25	25	21.81	21.91	21.88		
10	16QAM	50	0	21.84	21.84	21.82		
10	64QAM	1	0	21.90	21.87	21.89	23	0.5
10	64QAM	1	25	21.79	21.84	21.89		
10	64QAM	1	49	21.88	21.93	21.80		
10	64QAM	25	0	20.82	20.94	20.87	22	1.5
10	64QAM	25	12	20.81	20.91	20.85		
10	64QAM	25	25	20.90	20.90	20.86		
10	64QAM	50	0	20.81	20.92	20.82		
10	256QAM	1	0	18.90	18.89	18.79	20	3.5
10	256QAM	1	25	18.82	18.83	18.86		
10	256QAM	1	49	18.79	18.90	18.83		
10	256QAM	25	0	18.80	18.90	18.79	20	3.5
10	256QAM	25	12	18.86	18.83	18.89		
10	256QAM	25	25	18.86	18.86	18.80		
10	256QAM	50	0	18.86	18.94	18.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.36	22.43	22.32	23.5	0
5	QPSK	1	12	22.30	22.34	22.38		
5	QPSK	1	24	22.34	22.38	22.38		
5	QPSK	12	0	22.37	22.39	22.40	23.5	0
5	QPSK	12	7	22.37	22.39	22.35		
5	QPSK	12	13	22.37	22.43	22.39		
5	QPSK	25	0	22.35	22.38	22.34		
5	16QAM	1	0	22.36	22.43	22.29	23.5	0
5	16QAM	1	12	22.30	22.43	22.37		
5	16QAM	1	24	22.35	22.39	22.38		
5	16QAM	12	0	21.80	21.84	21.78	23	0.5
5	16QAM	12	7	21.84	21.87	21.79		
5	16QAM	12	13	21.90	21.91	21.78		
5	16QAM	25	0	21.84	21.88	21.83		
5	64QAM	1	0	21.90	21.94	21.82	23	0.5
5	64QAM	1	12	21.78	21.85	21.88		
5	64QAM	1	24	21.83	21.90	21.79		
5	64QAM	12	0	20.86	20.85	20.79	22	1.5
5	64QAM	12	7	20.84	20.90	20.89		
5	64QAM	12	13	20.86	20.93	20.81		
5	64QAM	25	0	20.86	20.88	20.90		
5	256QAM	1	0	18.82	18.94	18.88	20	3.5
5	256QAM	1	12	18.87	18.90	18.79		
5	256QAM	1	24	18.79	18.94	18.85		
5	256QAM	12	0	18.86	18.93	18.84	20	3.5
5	256QAM	12	7	18.78	18.94	18.78		
5	256QAM	12	13	18.81	18.87	18.79		
5	256QAM	25	0	18.79	18.83	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.45	22.46	22.51	22.43	22.34	23.5	0
20	QPSK	1	49	22.35	22.43	22.45	22.39	22.33		
20	QPSK	1	99	22.41	22.46	22.44	22.41	22.38		
20	QPSK	50	0	22.34	22.47	22.50	22.46	22.37	23.5	0
20	QPSK	50	24	22.36	22.48	22.42	22.36	22.36		
20	QPSK	50	50	22.42	22.45	22.48	22.44	22.35		
20	QPSK	100	0	22.43	22.47	22.48	22.42	22.41		
20	16QAM	1	0	22.43	22.40	22.45	22.44	22.30	23.5	0
20	16QAM	1	49	22.45	22.48	22.46	22.41	22.34		
20	16QAM	1	99	22.42	22.48	22.48	22.44	22.32		
20	16QAM	50	0	21.91	21.97	21.94	21.97	21.86	23	0.5
20	16QAM	50	24	21.86	21.93	21.95	21.92	21.86		
20	16QAM	50	50	21.92	21.98	21.93	21.91	21.85		
20	16QAM	100	0	21.90	21.90	22.04	21.97	21.82		
20	64QAM	1	0	21.93	22.01	22.02	21.87	21.88	23	0.5
20	64QAM	1	49	21.89	21.90	21.98	21.90	21.88		
20	64QAM	1	99	21.93	21.97	21.98	21.94	21.90		
20	64QAM	50	0	20.93	20.96	21.03	20.96	20.88	22	1.5
20	64QAM	50	24	20.85	20.91	20.93	20.86	20.89		
20	64QAM	50	50	20.93	20.90	21.02	20.95	20.85		
20	64QAM	100	0	20.85	20.99	20.95	20.92	20.85		
20	256QAM	1	0	18.94	18.90	18.92	18.93	18.82	20	3.5
20	256QAM	1	49	18.92	18.98	18.96	18.90	18.92		
20	256QAM	1	99	18.91	18.96	18.94	18.97	18.87		
20	256QAM	50	0	18.94	18.91	19.00	18.87	18.87	20	3.5
20	256QAM	50	24	18.94	19.01	19.01	18.91	18.85		
20	256QAM	50	50	18.85	18.90	19.03	18.88	18.84		
20	256QAM	100	0	18.91	18.92	18.99	18.88	18.84		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.36	22.47	22.46	22.42	22.31	24	0
15	QPSK	1	37	22.32	22.37	22.41	22.37	22.37		
15	QPSK	1	74	22.30	22.39	22.46	22.33	22.28		
15	QPSK	36	0	22.31	22.40	22.48	22.34	22.31	23.5	0
15	QPSK	36	20	22.39	22.45	22.41	22.36	22.31		
15	QPSK	36	39	22.37	22.36	22.46	22.31	22.28		
15	QPSK	75	0	22.32	22.43	22.48	22.37	22.35		
15	16QAM	1	0	22.36	22.39	22.43	22.30	22.25	23.5	0
15	16QAM	1	37	22.29	22.36	22.41	22.37	22.37		
15	16QAM	1	74	22.34	22.44	22.38	22.40	22.35		
15	16QAM	36	0	21.87	21.90	21.93	21.88	21.81	23	0.5
15	16QAM	36	20	21.88	21.88	21.92	21.82	21.79		
15	16QAM	36	39	21.81	21.88	21.96	21.82	21.85		
15	16QAM	75	0	21.80	21.93	21.90	21.80	21.87		
15	64QAM	1	0	21.90	21.86	21.91	21.88	21.78	23	0.5
15	64QAM	1	37	21.82	21.87	21.98	21.85	21.86		
15	64QAM	1	74	21.88	21.97	21.98	21.83	21.85		
15	64QAM	36	0	20.82	20.97	20.95	20.84	20.84	22	1.5
15	64QAM	36	20	20.80	20.92	20.94	20.84	20.78		
15	64QAM	36	39	20.85	20.89	20.97	20.89	20.83		
15	64QAM	75	0	20.78	20.86	20.90	20.89	20.85		
15	256QAM	1	0	18.79	18.90	18.88	18.87	18.83	20	3.5
15	256QAM	1	37	18.88	18.97	18.93	18.85	18.85		
15	256QAM	1	74	18.82	18.91	18.90	18.82	18.77		
15	256QAM	36	0	18.78	18.95	18.91	18.81	18.82	20	3.5
15	256QAM	36	20	18.88	18.88	18.97	18.91	18.86		
15	256QAM	36	39	18.86	18.91	18.93	18.81	18.77		
15	256QAM	75	0	18.81	18.87	18.90	18.82	18.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.36	22.38	22.44	22.38	22.33	24	0
10	QPSK	1	25	22.37	22.38	22.43	22.30	22.37		
10	QPSK	1	49	22.29	22.43	22.46	22.32	22.27		
10	QPSK	25	0	22.35	22.43	22.40	22.39	22.29	23.5	0
10	QPSK	25	12	22.35	22.43	22.48	22.31	22.32		
10	QPSK	25	25	22.34	22.38	22.49	22.37	22.32		
10	QPSK	50	0	22.40	22.41	22.43	22.32	22.36		
10	16QAM	1	0	22.39	22.47	22.49	22.39	22.33	23.5	0
10	16QAM	1	25	22.35	22.36	22.46	22.38	22.32		
10	16QAM	1	49	22.28	22.35	22.44	22.32	22.29		
10	16QAM	25	0	21.87	21.90	21.96	21.81	21.75	23	0.5
10	16QAM	25	12	21.87	21.87	21.91	21.91	21.83		
10	16QAM	25	25	21.88	21.92	21.91	21.86	21.81		
10	16QAM	50	0	21.83	21.89	21.95	21.88	21.82		
10	64QAM	1	0	21.81	21.96	21.89	21.90	21.81	23	0.5
10	64QAM	1	25	21.88	21.96	21.88	21.89	21.75		
10	64QAM	1	49	21.89	21.97	21.95	21.84	21.86		
10	64QAM	25	0	20.86	20.94	20.98	20.88	20.86	22	1.5
10	64QAM	25	12	20.82	20.97	20.93	20.88	20.77		
10	64QAM	25	25	20.94	20.96	20.90	20.81	20.79		
10	64QAM	50	0	20.84	20.87	20.97	20.90	20.78		
10	256QAM	1	0	18.88	18.94	18.93	18.87	18.83	20	3.5
10	256QAM	1	25	18.85	18.93	18.93	18.92	18.86		
10	256QAM	1	49	18.80	18.93	18.93	18.81	18.83		
10	256QAM	25	0	18.85	18.88	18.95	18.89	18.82	20	3.5
10	256QAM	25	12	18.87	18.89	18.91	18.90	18.83		
10	256QAM	25	25	18.90	18.91	18.92	18.87	18.86		
10	256QAM	50	0	18.78	18.92	18.91	18.91	18.77		
Channel				39675	40143	40620	41093	41560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.33	22.38	22.46	22.38	22.35	24	0
5	QPSK	1	12	22.39	22.40	22.38	22.36	22.32		
5	QPSK	1	24	22.33	22.40	22.48	22.31	22.25		
5	QPSK	12	0	22.31	22.41	22.41	22.38	22.26	23.5	0
5	QPSK	12	7	22.31	22.43	22.38	22.31	22.27		
5	QPSK	12	13	22.37	22.41	22.39	22.37	22.30		
5	QPSK	25	0	22.29	22.40	22.38	22.33	22.28		
5	16QAM	1	0	22.34	22.37	22.42	22.41	22.36	23.5	0
5	16QAM	1	12	22.33	22.43	22.43	22.41	22.33		
5	16QAM	1	24	22.37	22.35	22.38	22.39	22.27		
5	16QAM	12	0	21.87	21.86	21.96	21.80	21.76	23	0.5
5	16QAM	12	7	21.81	21.88	21.89	21.91	21.80		
5	16QAM	12	13	21.89	21.95	21.99	21.90	21.82		
5	16QAM	25	0	21.86	21.94	21.90	21.90	21.78		
5	64QAM	1	0	21.88	21.95	21.89	21.80	21.82	23	0.5
5	64QAM	1	12	21.79	21.93	21.90	21.90	21.81		
5	64QAM	1	24	21.87	21.87	21.93	21.84	21.86		
5	64QAM	12	0	20.90	20.91	20.88	20.83	20.83	22	1.5
5	64QAM	12	7	20.85	20.89	20.88	20.89	20.80		
5	64QAM	12	13	20.90	20.96	20.94	20.91	20.81		
5	64QAM	25	0	20.87	20.87	20.95	20.92	20.86		
5	256QAM	1	0	18.79	18.93	18.88	18.84	18.80	20	3.5
5	256QAM	1	12	18.84	18.95	18.87	18.92	18.79		
5	256QAM	1	24	18.85	18.93	18.91	18.92	18.84		
5	256QAM	12	0	18.87	18.89	18.96	18.86	18.80	20	3.5
5	256QAM	12	7	18.79	18.94	18.88	18.86	18.83		
5	256QAM	12	13	18.80	18.94	18.89	18.87	18.83		
5	256QAM	25	0	18.85	18.95	18.95	18.80	18.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.23	24.30	24.35	24.26	24.33	25.1	0
20	QPSK	1	49	24.26	24.32	24.27	24.28	24.23		
20	QPSK	1	99	24.19	24.24	24.26	24.29	24.19		
20	QPSK	50	0	24.21	24.29	24.34	24.23	24.18	25.1	0
20	QPSK	50	24	24.18	24.27	24.24	24.30	24.11		
20	QPSK	50	50	24.24	24.31	24.26	24.27	24.17		
20	QPSK	100	0	24.24	24.24	24.31	24.24	24.06		
20	16QAM	1	0	24.26	24.23	24.30	24.19	24.17	25.1	0
20	16QAM	1	49	24.23	24.30	24.28	24.29	24.14		
20	16QAM	1	99	24.19	24.30	24.28	24.28	24.16		
20	16QAM	50	0	24.16	24.13	24.24	24.21	23.98	25	0.1
20	16QAM	50	24	24.16	24.14	24.19	24.16	24.01		
20	16QAM	50	50	24.12	24.21	24.17	24.20	23.96		
20	16QAM	100	0	24.18	24.19	24.16	24.18	24.02		
20	64QAM	1	0	24.09	24.21	24.21	24.12	24.05	25	0.1
20	64QAM	1	49	24.10	24.18	24.22	24.18	24.04		
20	64QAM	1	99	24.09	24.21	24.16	24.19	24.01		
20	64QAM	50	0	23.13	23.17	23.19	23.19	23.08	24	1.1
20	64QAM	50	24	23.11	23.17	23.18	23.15	22.97		
20	64QAM	50	50	23.10	23.17	23.26	23.14	22.97		
20	64QAM	100	0	23.14	23.13	23.16	23.20	22.98		
20	256QAM	1	0	21.10	21.21	21.22	21.13	21.00	22	3.1
20	256QAM	1	49	21.11	21.21	21.22	21.12	21.06		
20	256QAM	1	99	21.17	21.21	21.19	21.13	21.07		
20	256QAM	50	0	21.13	21.20	21.25	21.10	21.08	22	3.1
20	256QAM	50	24	21.18	21.17	21.15	21.19	20.98		
20	256QAM	50	50	21.15	21.22	21.16	21.19	21.02		
20	256QAM	100	0	21.15	21.19	21.23	21.21	21.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.17	24.10	24.16	24.14	23.99	25	0
15	QPSK	1	37	24.17	24.19	24.16	24.16	24.02		
15	QPSK	1	74	24.15	24.22	24.16	24.13	24.01		
15	QPSK	36	0	24.08	24.20	24.23	24.21	24.04	25.1	0
15	QPSK	36	20	24.15	24.12	24.18	24.21	24.06		
15	QPSK	36	39	24.16	24.10	24.17	24.14	23.97		
15	QPSK	75	0	24.09	24.13	24.18	24.18	23.98		
15	16QAM	1	0	24.11	24.11	24.22	24.20	23.97	25.1	0
15	16QAM	1	37	24.13	24.22	24.18	24.13	24.03		
15	16QAM	1	74	24.13	24.19	24.15	24.17	24.04		
15	16QAM	36	0	23.96	24.06	24.09	24.10	23.97	25	0.1
15	16QAM	36	20	23.99	24.08	24.12	24.02	23.95		
15	16QAM	36	39	24.01	24.01	24.13	24.09	23.96		
15	16QAM	75	0	24.03	24.11	24.11	24.07	23.98		
15	64QAM	1	0	24.00	24.01	24.06	24.04	23.97	25	0.1
15	64QAM	1	37	23.97	24.04	24.09	24.07	23.90		
15	64QAM	1	74	23.96	24.08	24.07	24.00	23.92		
15	64QAM	36	0	22.97	23.10	23.05	23.01	22.89	24	1.1
15	64QAM	36	20	23.04	23.10	23.04	23.09	22.96		
15	64QAM	36	39	23.06	23.05	23.05	23.04	22.95		
15	64QAM	75	0	23.01	23.12	23.05	23.01	22.87		
15	256QAM	1	0	21.04	21.09	21.14	21.10	20.93	22	3.1
15	256QAM	1	37	21.03	21.11	21.12	21.02	20.91		
15	256QAM	1	74	21.07	21.07	21.07	21.08	20.98		
15	256QAM	36	0	20.97	21.03	21.16	21.07	20.92	22	3.1
15	256QAM	36	20	21.04	21.09	21.09	21.05	20.91		
15	256QAM	36	39	20.97	21.12	21.12	20.99	20.91		
15	256QAM	75	0	20.97	21.03	21.09	21.04	20.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.17	24.13	24.24	24.10	24.07	25	0
10	QPSK	1	25	24.15	24.21	24.26	24.12	24.00		
10	QPSK	1	49	24.15	24.14	24.22	24.17	24.02		
10	QPSK	25	0	24.16	24.16	24.22	24.11	24.08	25.1	0
10	QPSK	25	12	24.10	24.19	24.15	24.20	24.04		
10	QPSK	25	25	24.07	24.16	24.21	24.10	24.01		
10	QPSK	50	0	24.06	24.16	24.19	24.15	23.97		
10	16QAM	1	0	24.18	24.13	24.23	24.10	24.07	25.1	0
10	16QAM	1	25	24.06	24.17	24.21	24.13	24.06		
10	16QAM	1	49	24.17	24.10	24.20	24.19	24.05		
10	16QAM	25	0	23.98	24.05	24.09	24.08	23.86	25	0.1
10	16QAM	25	12	23.97	24.07	24.12	24.09	23.97		
10	16QAM	25	25	24.02	24.08	24.12	24.06	23.97		
10	16QAM	50	0	24.02	24.06	24.04	24.10

Band 2 Ant 3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.33	20.45	20.38		
20	QPSK	1	49	20.35	20.40	20.31	21.9	0
20	QPSK	1	99	20.37	20.43	20.39		
20	QPSK	50	0	20.32	20.44	20.31		
20	QPSK	50	24	20.39	20.36	20.38	21.9	0
20	QPSK	50	50	20.40	20.35	20.35		
20	QPSK	100	0	20.41	20.42	20.33		
20	16QAM	1	0	20.34	20.43	20.32		
20	16QAM	1	49	20.33	20.38	20.37	21.9	0
20	16QAM	1	99	20.34	20.38	20.30		
20	16QAM	50	0	20.40	20.43	20.37		
20	16QAM	50	24	20.32	20.41	20.28	21.9	0
20	16QAM	50	50	20.36	20.43	20.31		
20	16QAM	100	0	20.37	20.42	20.30		
20	64QAM	1	0	20.31	20.44	20.30		
20	64QAM	1	49	20.34	20.42	20.32	21.9	0
20	64QAM	1	99	20.37	20.41	20.35		
20	64QAM	50	0	20.38	20.44	20.32		
20	64QAM	50	24	20.41	20.41	20.32	21	0.9
20	64QAM	50	50	20.33	20.36	20.29		
20	64QAM	100	0	19.41	19.47	19.37		
20	256QAM	1	0	17.48	17.50	17.47		
20	256QAM	1	49	17.45	17.55	17.40	19	2.9
20	256QAM	1	99	17.42	17.48	17.47		
20	256QAM	50	0	17.42	17.53	17.40		
20	256QAM	50	24	17.52	17.56	17.40	19	2.9
20	256QAM	50	50	17.47	17.46	17.39		
20	256QAM	100	0	17.45	17.51	17.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.30	20.34	20.29		
15	QPSK	1	37	20.26	20.34	20.26	21.9	0
15	QPSK	1	74	20.35	20.34	20.26		
15	QPSK	36	0	20.26	20.32	20.25		
15	QPSK	36	20	20.29	20.40	20.34	21.9	0
15	QPSK	36	39	20.37	20.31	20.29		
15	QPSK	75	0	20.29	20.37	20.28		
15	16QAM	1	0	20.27	20.34	20.25		
15	16QAM	1	37	20.27	20.39	20.26	21.9	0
15	16QAM	1	74	20.26	20.35	20.29		
15	16QAM	36	0	20.28	20.39	20.31		
15	16QAM	36	20	20.33	20.31	20.33	21.9	0
15	16QAM	36	39	20.28	20.30	20.33		
15	16QAM	75	0	20.26	20.32	20.23		
15	64QAM	1	0	20.27	20.40	20.23		
15	64QAM	1	37	20.26	20.31	20.25	21.9	0
15	64QAM	1	74	20.27	20.38	20.31		
15	64QAM	36	0	20.31	20.36	20.31		
15	64QAM	36	20	20.29	20.40	20.29	21	0.9
15	64QAM	36	39	20.27	20.37	20.24		
15	64QAM	75	0	19.47	19.40	19.38		
15	256QAM	1	0	17.41	17.43	17.41		
15	256QAM	1	37	17.39	17.51	17.33	19	2.9
15	256QAM	1	74	17.37	17.47	17.41		
15	256QAM	36	0	17.38	17.50	17.40		
15	256QAM	36	20	17.37	17.47	17.44	19	2.9
15	256QAM	36	39	17.41	17.42	17.41		
15	256QAM	75	0	17.36	17.49	17.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.34	20.37	20.27		
10	QPSK	1	25	20.34	20.40	20.25	21.9	0
10	QPSK	1	49	20.26	20.40	20.33		
10	QPSK	25	0	20.27	20.39	20.31		
10	QPSK	25	12	20.25	20.31	20.31	21.9	0
10	QPSK	25	25	20.26	20.33	20.29		
10	QPSK	50	0	20.26	20.35	20.29		
10	16QAM	1	0	20.27	20.40	20.28		
10	16QAM	1	25	20.34	20.29	20.24	21.9	0
10	16QAM	1	49	20.27	20.29	20.29		
10	16QAM	25	0	20.29	20.30	20.25		
10	16QAM	25	12	20.25	20.29	20.25	21.9	0
10	16QAM	25	25	20.34	20.37	20.22		
10	16QAM	50	0	20.36	20.39	20.23		
10	64QAM	1	0	20.36	20.32	20.27		
10	64QAM	1	25	20.36	20.32	20.26	21.9	0
10	64QAM	1	49	20.36	20.35	20.22		
10	64QAM	25	0	20.27	20.29	20.34		
10	64QAM	25	12	20.28	20.32	20.29	21	0.9
10	64QAM	25	25	20.31	20.37	20.22		
10	64QAM	50	0	19.41	19.45	19.43		
10	256QAM	1	0	17.39	17.41	17.37		
10	256QAM	1	25	17.36	17.48	17.39	19	2.9
10	256QAM	1	49	17.36	17.44	17.41		
10	256QAM	25	0	17.45	17.43	17.36		
10	256QAM	25	12	17.43	17.46	17.43	19	2.9
10	256QAM	25	25	17.47	17.48	17.43		
10	256QAM	50	0	17.44	17.48	17.37		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.26	20.33	20.23		
5	QPSK	1	12	20.32	20.38	20.25	21.9	0
5	QPSK	1	24	20.37	20.33	20.26		
5	QPSK	12	0	20.26	20.38	20.25		
5	QPSK	12	7	20.27	20.35	20.27	21.9	0
5	QPSK	12	13	20.33	20.40	20.23		
5	QPSK	25	0	20.32	20.34	20.27		
5	16QAM	1	0	20.27	20.32	20.28		
5	16QAM	1	12	20.26	20.38	20.30	21.9	0
5	16QAM	1	24	20.30	20.37	20.26		
5	16QAM	12	0	20.29	20.36	20.34		
5	16QAM	12	7	20.33	20.36	20.26	21.9	0
5	16QAM	12	13	20.30	20.38	20.33		
5	16QAM	25	0	20.27	20.38	20.34		
5	64QAM	1	0	20.32	20.29	20.25		
5	64QAM	1	12	20.35	20.35	20.30	21.9	0
5	64QAM	1	24	20.34	20.32	20.26		
5	64QAM	12	0	20.25	20.34	20.30		
5	64QAM	12	7	20.27	20.41	20.27	21	0.9
5	64QAM	12	13	20.32	20.33	20.31		
5	64QAM	25	0	19.39	19.45	19.37		
5	256QAM	1	0	17.39	17.49	17.39		
5	256QAM	1	12	17.38	17.40	17.36	19	2.9
5	256QAM	1	24	17.40	17.44	17.41		
5	256QAM	12	0	17.41	17.41	17.32		
5	256QAM	12	7	17.45	17.41	17.40	19	2.9
5	256QAM	12	13	17.38	17.50	17.32		
5	256QAM	25	0	17.45	17.48	17.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.35	20.34	20.25		
3	QPSK	1	8	20.30	20.30	20.29	21.9	0
3	QPSK	1	14	20.31	20.34	20.27		
3	QPSK	8	0	20.27	20.33	20.34		
3	QPSK	8	4	20.28	20.29	20.23	21.9	0
3	QPSK	8	7	20.36	20.41	20.27		
3	QPSK	15	0	20.33	20.32	20.25		
3	16QAM	1	0	20.32	20.37	20.31		
3	16QAM	1	8	20.35	20.31	20.29	21.9	0
3	16QAM	1	14	20.34	20.40	20.30		
3	16QAM	8	0	20.36	20.37	20.30		
3	16QAM	8	4	20.31	20.37	20.22	21.9	0
3	16QAM	8	7	20.36	20.36	20.30		
3	16QAM	15	0	20.35	20.39	20.25		
3	64QAM	1	0	20.31	20.37	20.28		
3	64QAM	1	8	20.34	20.39	20.27	21.9	0
3	64QAM	1	14	20.30	20.35	20.28		
3	64QAM	8	0	20.26	20.30	20.28		
3	64QAM	8	4	20.34	20.30	20.29	21	0.9
3	64QAM	8	7	20.34	20.32	20.32		
3	64QAM	15	0	19.43	19.46	19.37		
3	256QAM	1	0	17.45	17.43	17.38		
3	256QAM	1	8	17.36	17.49	17.39	19	2.9
3	256QAM	1	14	17.37	17.39	17.33		
3	256QAM	8	0	17.36	17.48	17.43		
3	256QAM	8	4	17.43	17.45	17.33	19	2.9
3	256QAM	8	7	17.37	17.48	17.37		
3	256QAM	15	0	17.41	17.46	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.32	20.30	20.31		
1.4	QPSK	1	3	20.26	20.34	20.33		
1.4	QPSK	1	5	20.27	20.36	20.26	21.9	0
1.4	QPSK	3	0	20.28	20.39	20.34		
1.4	QPSK	3	1	20.27	20.32	20.23		
1.4	QPSK	3	3	20.34	20.29	20.33		
1.4	QPSK	6	0	20.27	20.36	20.25	21.9	0
1.4	16QAM	1	0	20.34	20.36	20.28		
1.4	16QAM	1	3	20.34	20.36	20.25		
1.4	16QAM	1	5	20.34	20.29	20.24	21.9	0
1.4	16QAM	3	0	20.35	20.39	20.31		
1.4	16QAM	3	1	20.35	20.34	20.34		
1.4	16QAM	3	3	20.26	20.36	20.27		
1.4	16QAM	6	0	20.32	20.30	20.32	21.9	0
1.4	64QAM	1	0	20.30	20.33	20.27		
1.4	64QAM	1	3	20.26	20.29	20.28		
1.4	64QAM	1	5	20.33	20.35	20.25	21.9	0
1.4	64QAM	3	0	20.33	20.39	20.33		
1.4	64QAM	3	1	20.34	20.29	20.29		
1.4	64QAM	3	3	20.26	20.36	20.33		
1.4	64QAM	6	0	19.41	19.44	19.35	21	0.9
1.4	256QAM	1	0	17.35	17.43	17.37		
1.4	256QAM	1	3	17.39	17.40	17.35		
1.4	256QAM	1	5	17.39	17.39	17.41	19	2.9
1.4	256QAM	3	0	17.40	17.47	17.40		
1.4	256QAM	3	1	17.39	17.40	17.34		
1.4	256QAM	3	3	17.39	17.49	17.44		
1.4	256QAM	6	0	17.44	17.41	17.33	19	2.9

Band 4 Ant 3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.90	20.97	20.85		
20	QPSK	1	49	20.96	20.93	20.89	22.3	0
20	QPSK	1	99	20.88	20.94	20.86		
20	QPSK	50	0	20.91	20.95	20.85		
20	QPSK	50	24	20.87	20.91	20.85	22.3	0
20	QPSK	50	50	20.92	20.93	20.87		
20	QPSK	100	0	20.91	20.94	20.86		
20	16QAM	1	0	20.91	20.93	20.88		
20	16QAM	1	49	20.96	20.91	20.87	22.3	0
20	16QAM	1	99	20.96	20.94	20.85		
20	16QAM	50	0	20.96	20.96	20.55		
20	16QAM	50	24	20.66	20.58	20.62	22	0.3
20	16QAM	50	50	20.65	20.58	20.56		
20	16QAM	100	0	20.56	20.60	20.57		
20	64QAM	1	0	20.57	20.66	20.63		
20	64QAM	1	49	20.55	20.67	20.64	22	0.3
20	64QAM	1	99	20.67	20.66	20.59		
20	64QAM	50	0	19.56	19.61	19.63		
20	64QAM	50	24	19.58	19.67	19.57	21	1.3
20	64QAM	50	50	19.63	19.62	19.56		
20	64QAM	100	0	19.65	19.61	19.54		
20	256QAM	1	0	17.55	17.59	17.56		
20	256QAM	1	49	17.57	17.68	17.64	19	3.3
20	256QAM	1	99	17.65	17.67	17.62		
20	256QAM	50	0	17.64	17.66	17.55		
20	256QAM	50	24	17.55	17.57	17.53	19	3.3
20	256QAM	50	50	17.66	17.58	17.63		
20	256QAM	100	0	17.66	17.57	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.93	20.92	20.84		
15	QPSK	1	37	20.94	20.95	20.88	22.3	0
15	QPSK	1	74	20.96	20.89	20.84		
15	QPSK	36	0	20.90	20.89	20.93		
15	QPSK	36	20	20.85	20.90	20.87	22.3	0
15	QPSK	36	39	20.90	20.87	20.92		
15	QPSK	75	0	20.96	20.91	20.90		
15	16QAM	1	0	20.87	20.93	20.95		
15	16QAM	1	37	20.88	20.89	20.83	22.3	0
15	16QAM	1	74	20.85	20.96	20.90		
15	16QAM	36	0	20.64	20.64	20.55		
15	16QAM	36	20	20.59	20.57	20.56	22	0.3
15	16QAM	36	39	20.61	20.58	20.58		
15	16QAM	75	0	20.55	20.68	20.55		
15	64QAM	1	0	20.58	20.59	20.55		
15	64QAM	1	37	20.62	20.66	20.54	22	0.3
15	64QAM	1	74	20.59	20.60	20.57		
15	64QAM	36	0	19.67	19.58	19.59		
15	64QAM	36	20	19.65	19.61	19.61	21	1.3
15	64QAM	36	39	19.65	19.63	19.60		
15	64QAM	75	0	19.67	19.66	19.55		
15	256QAM	1	0	17.61	17.65	17.60		
15	256QAM	1	37	17.59	17.64	17.64	19	3.3
15	256QAM	1	74	17.66	17.66	17.64		
15	256QAM	36	0	17.65	17.68	17.56		
15	256QAM	36	20	17.65	17.65	17.63	19	3.3
15	256QAM	36	39	17.64	17.57	17.56		
15	256QAM	75	0	17.60	17.67	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.90	20.91	20.83		
10	QPSK	1	25	20.94	20.93	20.84	22.3	0
10	QPSK	1	49	20.89	20.91	20.92		
10	QPSK	25	0	20.94	20.91	20.92		
10	QPSK	25	12	20.91	20.87	20.92	22.3	0
10	QPSK	25	25	20.93	20.92	20.90		
10	QPSK	50	0	20.94	20.91	20.95		
10	16QAM	1	0	20.90	20.96	20.84		
10	16QAM	1	25	20.93	20.94	20.89	22.3	0
10	16QAM	1	49	20.88	20.92	20.93		
10	16QAM	25	0	20.61	20.65	20.55		
10	16QAM	25	12	20.55	20.56	20.58	22	0.3
10	16QAM	25	25	20.57	20.67	20.64		
10	16QAM	50	0	20.63	20.68	20.59		
10	64QAM	1	0	20.61	20.67	20.62		
10	64QAM	1	25	20.59	20.57	20.59	22	0.3
10	64QAM	1	49	20.60	20.58	20.63		
10	64QAM	25	0	19.57	19.65	19.65		
10	64QAM	25	12	19.59	19.58	19.61	21	1.3
10	64QAM	25	25	19.56	19.59	19.53		
10	64QAM	50	0	19.63	19.62	19.65		
10	256QAM	1	0	17.62	17.60	17.60		
10	256QAM	1	25	17.60	17.58	17.62	19	3.3
10	256QAM	1	49	17.66	17.60	17.65		
10	256QAM	25	0	17.66	17.62	17.64		
10	256QAM	25	12	17.61	17.68	17.57	19	3.3
10	256QAM	25	25	17.65	17.64	17.61		
10	256QAM	50	0	17.60	17.58	17.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.88	20.93	20.92		
5	QPSK	1	12	20.88	20.94	20.95	22.3	0
5	QPSK	1	24	20.89	20.94	20.87		
5	QPSK	12	0	20.93	20.88	20.88		
5	QPSK	12	7	20.88	20.90	20.85	22.3	0
5	QPSK	12	13	20.86	20.95	20.86		
5	QPSK	25	0	20.96	20.91	20.94		
5	16QAM	1	0	20.94	20.96	20.85		
5	16QAM	1	12	20.89	20.86	20.90	22.3	0
5	16QAM	1	24	20.91	20.88	20.89		
5	16QAM	12	0	20.57	20.67	20.63		
5	16QAM	12	7	20.66	20.62	20.62	22	0.3
5	16QAM	12	13	20.62	20.60	20.62		
5	16QAM	25	0	20.65	20.59	20.62		
5	64QAM	1	0	20.59	20.57	20.58		
5	64QAM	1	12	20.56	20.57	20.55	22	0.3
5	64QAM	1	24	20.61	20.67	20.58		
5	64QAM	12	0	19.66	19.58	19.55		
5	64QAM	12	7	19.59	19.67	19.62	21	1.3
5	64QAM	12	13	19.60	19.59	19.60		
5	64QAM	25	0	19.62	19.65	19.55		
5	256QAM	1	0	17.62	17.62	17.55		
5	256QAM	1	12	17.60	17.66	17.65	19	3.3
5	256QAM	1	24	17.62	17.65	17.61		
5	256QAM	12	0	17.64	17.62	17.59		
5	256QAM	12	7	17.59	17.67	17.62	19	3.3
5	256QAM	12	13	17.65	17.58	17.59		
5	256QAM	25	0	17.65	17.57	17.54		
Channel				19950	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.94	20.89	20.86		
3	QPSK	1	8	20.91	20.88	20.95	22.3	0
3	QPSK	1	14	20.86	20.96	20.94		
3	QPSK	8	0	20.89	20.92	20.93		
3	QPSK	8	4	20.94	20.93	20.92	22.3	0
3	QPSK	8	7	20.93	20.92	20.83		
3	QPSK	15	0	20.90	20.89	20.83		
3	16QAM	1	0	20.91	20.91	20.94		
3	16QAM	1	8	20.86	20.95	20.89	22.3	0
3	16QAM	1	14	20.92	20.95	20.87		
3	16QAM	8	0	20.59	20.64	20.56		
3	16QAM	8	4	20.64	20.58	20.55	22	0.3
3	16QAM	8	7	20.60	20.62	20.58		
3	16QAM	15	0	20.60	20.59	20.59		
3	64QAM	1	0	20.57	20.67	20.63		
3	64QAM	1	8	20.61	20.66	20.62	22	0.3
3	64QAM	1	14	20.56	20.57	20.64		
3	64QAM	8	0	19.67	19.64	19.54		
3	64QAM	8	4	19.57	19.59	19.64	21	1.3
3	64QAM	8	7	19.63	19.57	19.64		
3	64QAM	15	0	19.55	19.63	19.56		
3	256QAM	1	0	17.60	17.58	17.57		
3	256QAM	1	8	17.61	17.67	17.62	19	3.3
3	256QAM	1	14	17.58	17.58	17.64		
3	256QAM	8	0	17.59	17.62	17.63		
3	256QAM	8	4	17.58	17.61	17.60	19	3.3
3	256QAM	8	7	17.56	17.57	17.54		
3	256QAM	15	0	17.60	17.63	17.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.75	20.85	20.80		
1.4	QPSK	1	3	20.77	20.84	20.81		
1.4	QPSK	1	5	20.84	20.79	20.75	22.3	0
1.4	QPSK	3	0	20.80	20.84	20.83		
1.4	QPSK	3	1	20.75	20.82	20.76		
1.4	QPSK	3	3	20.77	20.77	20.80		
1.4	QPSK	6	0	20.78	20.77	20.80	22.3	0
1.4	16QAM	1	0	20.75	20.88	20.78		
1.4	16QAM	1	3	20.85	20.88	20.73		
1.4	16QAM	1	5	20.75	20.81	20.74	22.3	0
1.4	16QAM	3	0	20.85	20.85	20.82		
1.4	16QAM	3	1	20.85	20.84	20.85		
1.4	16QAM	3	3	20.79	20.82	20.80		
1.4	16QAM	6	0	20.51	20.57	20.44	22	0.3
1.4	64QAM	1	0	20.56	20.53	20.50		
1.4	64QAM	1	3	20.56	20.51	20.44		
1.4	64QAM	1	5	20.57	20.58	20.49	22	0.3
1.4	64QAM	3	0	20.49	20.52	20.44		
1.4	64QAM	3	1	20.51	20.54	20.49		
1.4	64QAM	3	3	20.54	20.58	20.54		
1.4	64QAM	6	0	19.51	19.54	19.49	21	1.3
1.4	256QAM	1	0	17.46	17.48	17.49		
1.4	256QAM	1	3	17.53	17.48	17.52		
1.4	256QAM	1	5	17.56	17.50	17.50	19	3.3
1.4	256QAM	3	0	17.55	17.50	17.55		
1.4	256QAM	3	1	17.55	17.53	17.44		
1.4	256QAM	3	3	17.46	17.56	17.53		
1.4	256QAM	6	0	17.55	17.56	17.53	19	3.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.28	22.31	22.19		
20	QPSK	1	49	22.18	22.14	22.24	23.6	0
20	QPSK	1	99	22.25	22.23	22.22		
20	QPSK	50	0	21.61	21.69	21.64		
20	QPSK	50	24	21.58	21.61	21.58	23	0.6
20	QPSK	50	50	21.68	21.55	21.61		
20	QPSK	100	0	21.59	21.65	21.64		
20	16QAM	1	0	21.62	21.64	21.57		
20	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.54	20.55	20.46		
20	QPSK	1	49	20.42	20.40	20.38	21.9	0
20	QPSK	1	99	20.50	20.37	20.44		
20	QPSK	50	0	20.45	20.51	20.38		
20	QPSK	50	24	20.42	20.35	20.48	21.9	0
20	QPSK	50	50	20.45	20.45	20.45		
20	QPSK	100	0	20.46	20.49	20.43		
20	16QAM	1	0	20.44	20.44	20.43		
20	16QAM	1	49	20.48	20.39	20.47	21.9	0
20	16QAM	1	99	20.50	20.40	20.43		
20	16QAM	50	0	20.41	20.42	20.45		
20	16QAM	50	24	20.43	20.42	20.44	21.9	0
20	16QAM	50	50	20.42	20.47	20.45		
20	16QAM	100	0	20.51	20.44	20.43		
20	64QAM	1	0	20.42	20.47	20.42		
20	64QAM	1	49	20.42	20.38	20.49	21.9	0
20	64QAM	1	99	20.45	20.42	20.42		
20	64QAM	50	0	19.58	19.47	19.53		
20	64QAM	50	24	19.54	19.49	19.47	21	0.9
20	64QAM	50	50	19.54	19.46	19.51		
20	64QAM	100	0	19.56	19.46	19.58		
20	256QAM	1	0	17.50	17.53	17.47		
20	256QAM	1	49	17.60	17.47	17.53	19	2.9
20	256QAM	1	99	17.60	17.49	17.49		
20	256QAM	50	0	17.58	17.54	17.56		
20	256QAM	50	24	17.50	17.45	17.49	19	2.9
20	256QAM	50	50	17.55	17.55	17.50		
20	256QAM	100	0	17.59	17.50	17.50		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.35	20.34	20.36		
15	QPSK	1	37	20.40	20.32	20.36	21.9	0
15	QPSK	1	74	20.45	20.40	20.37		
15	QPSK	36	0	20.40	20.34	20.34		
15	QPSK	36	20	20.38	20.40	20.42	21.9	0
15	QPSK	36	39	20.36	20.35	20.37		
15	QPSK	75	0	20.42	20.42	20.43		
15	16QAM	1	0	20.40	20.31	20.41		
15	16QAM	1	37	20.42	20.31	20.38	21.9	0
15	16QAM	1	74	20.35	20.40	20.36		
15	16QAM	36	0	20.39	20.33	20.42		
15	16QAM	36	20	20.41	20.34	20.32	21.9	0
15	16QAM	36	39	20.43	20.39	20.41		
15	16QAM	75	0	20.46	20.37	20.43		
15	64QAM	1	0	20.43	20.36	20.37		
15	64QAM	1	37	20.42	20.31	20.43	21.9	0
15	64QAM	1	74	20.42	20.33	20.43		
15	64QAM	36	0	19.52	19.49	19.44		
15	64QAM	36	20	19.53	19.48	19.48	21	0.9
15	64QAM	36	39	19.51	19.51	19.49		
15	64QAM	75	0	19.47	19.43	19.42		
15	256QAM	1	0	17.52	17.44	17.46		
15	256QAM	1	37	17.45	17.47	17.47	19	2.9
15	256QAM	1	74	17.56	17.50	17.43		
15	256QAM	36	0	17.47	17.42	17.44		
15	256QAM	36	20	17.53	17.41	17.45	19	2.9
15	256QAM	36	39	17.55	17.41	17.48		
15	256QAM	75	0	17.56	17.40	17.53		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.44	20.39	20.38		
10	QPSK	1	25	20.39	20.36	20.44	21.9	0
10	QPSK	1	49	20.36	20.42	20.41		
10	QPSK	25	0	20.40	20.41	20.41		
10	QPSK	25	12	20.46	20.40	20.34	21.9	0
10	QPSK	25	25	20.38	20.36	20.35		
10	QPSK	50	0	20.38	20.37	20.44		
10	16QAM	1	0	20.35	20.42	20.33		
10	16QAM	1	25	20.41	20.41	20.33	21.9	0
10	16QAM	1	49	20.36	20.35	20.33		
10	16QAM	25	0	20.36	20.35	20.40		
10	16QAM	25	12	20.34	20.41	20.44	21.9	0
10	16QAM	25	25	20.45	20.34	20.38		
10	16QAM	50	0	20.44	20.33	20.39		
10	64QAM	1	0	20.41	20.33	20.44		
10	64QAM	1	25	20.40	20.40	20.36	21.9	0
10	64QAM	1	49	20.43	20.32	20.33		
10	64QAM	25	0	19.48	19.44	19.45		
10	64QAM	25	12	19.54	19.45	19.47	21	0.9
10	64QAM	25	25	19.49	19.46	19.51		
10	64QAM	50	0	19.48	19.46	19.46		
10	256QAM	1	0	17.55	17.47	17.43		
10	256QAM	1	25	17.49	17.45	17.43	19	2.9
10	256QAM	1	49	17.55	17.42	17.47		
10	256QAM	25	0	17.52	17.51	17.47		
10	256QAM	25	12	17.47	17.49	17.51	19	2.9
10	256QAM	25	25	17.50	17.49	17.49		
10	256QAM	50	0	17.48	17.43	17.50		
Channel				26065	26340	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.45	20.42	20.41		
5	QPSK	1	12	20.43	20.33	20.44	21.9	0
5	QPSK	1	24	20.35	20.39	20.35		
5	QPSK	12	0	20.38	20.39	20.38		
5	QPSK	12	7	20.36	20.32	20.37	21.9	0
5	QPSK	12	13	20.35	20.41	20.44		
5	QPSK	25	0	20.34	20.38	20.37		
5	16QAM	1	0	20.40	20.35	20.32		
5	16QAM	1	12	20.43	20.40	20.35	21.9	0
5	16QAM	1	24	20.40	20.35	20.37		
5	16QAM	12	0	20.46	20.31	20.32		
5	16QAM	12	7	20.42	20.41	20.38	21.9	0
5	16QAM	12	13	20.42	20.41	20.41		
5	16QAM	25	0	20.37	20.40	20.39		
5	64QAM	1	0	20.39	20.42	20.44		
5	64QAM	1	12	20.35	20.33	20.32	21.9	0
5	64QAM	1	24	20.37	20.37	20.40		
5	64QAM	12	0	19.49	19.50	19.49		
5	64QAM	12	7	19.45	19.45	19.49	21	0.9
5	64QAM	12	13	19.47	19.49	19.46		
5	64QAM	25	0	19.46	19.51	19.49		
5	256QAM	1	0	17.48	17.51	17.43		
5	256QAM	1	12	17.45	17.51	17.52	19	2.9
5	256QAM	1	24	17.48	17.43	17.46		
5	256QAM	12	0	17.47	17.46	17.42		
5	256QAM	12	7	17.44	17.46	17.44	19	2.9
5	256QAM	12	13	17.45	17.40	17.48		
5	256QAM	25	0	17.51	17.46	17.43		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.39	20.41	20.43		
3	QPSK	1	8	20.37	20.34	20.37	21.9	0
3	QPSK	1	14	20.44	20.37	20.35		
3	QPSK	8	0	20.40	20.34	20.32		
3	QPSK	8	4	20.34	20.37	20.39	21.9	0
3	QPSK	8	7	20.43	20.41	20.38		
3	QPSK	15	0	20.43	20.39	20.36		
3	16QAM	1	0	20.39	20.30	20.35		
3	16QAM	1	8	20.39	20.35	20.37	21.9	0
3	16QAM	1	14	20.38	20.37	20.34		
3	16QAM	8	0	20.38	20.34	20.42		
3	16QAM	8	4	20.35	20.40	20.34	21.9	0
3	16QAM	8	7	20.38	20.36	20.38		
3	16QAM	15	0	20.40	20.35	20.39		
3	64QAM	1	0	20.35	20.39	20.35		
3	64QAM	1	8	20.43	20.31	20.44	21.9	0
3	64QAM	1	14	20.34	20.31	20.35		
3	64QAM	8	0	19.49	19.41	19.53		
3	64QAM	8	4	19.49	19.47	19.46	21	0.9
3	64QAM	8	7	19.49	19.45	19.50		
3	64QAM	15	0	19.45	19.44	19.44		
3	256QAM	1	0	17.56	17.51	17.53		
3	256QAM	1	8	17.49	17.43	17.52	19	2.9
3	256QAM	1	14	17.51	17.42	17.43		
3	256QAM	8	0	17.49	17.44	17.52		
3	256QAM	8	4	17.54	17.42	17.51	19	2.9
3	256QAM	8	7	17.48	17.50	17.44		
3	256QAM	15	0	17.51	17.46	17.51		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.41	20.38	20.35		
1.4	QPSK	1	3	20.41	20.39	20.34		
1.4	QPSK	1	5	20.42	20.36	20.34	21.9	0
1.4	QPSK	3	0	20.45	20.33	20.43		
1.4	QPSK	3	1	20.43	20.39	20.41		
1.4	QPSK	3	3	20.42	20.32	20.40		
1.4	QPSK	6	0	20.35	20.40	20.43	21.9	0
1.4	16QAM	1	0	20.43	20.33	20.37		
1.4	16QAM	1	3	20.40	20.33	20.44		
1.4	16QAM	1	5	20.46	20.36	20.33	21.9	0
1.4	16QAM	3	0	20.41	20.31	20.34		
1.4	16QAM	3	1	20.36	20.36	20.36		
1.4	16QAM	3	3	20.36	20.33	20.34		
1.4	16QAM	6	0	20.42	20.39	20.44	21.9	0
1.4	64QAM	1	0	20.45	20.33	20.44		
1.4	64QAM	1	3	20.42	20.33	20.41		
1.4	64QAM	1	5	20.42	20.32	20.42	21.9	0
1.4	64QAM	3	0	20.40	20.39	20.36		
1.4	64QAM	3	1	20.39	20.34	20.39		
1.4	64QAM	3	3	20.38	20.38	20.44		
1.4	64QAM	6	0	19.50	19.45	19.46	21	0.9
1.4	256QAM	1	0	17.47	17.52	17.49		
1.4	256QAM	1	3	17.55	17.50	17.43	19	2.9
1.4	256QAM	1	5	17.44	17.52	17.54		
1.4	256QAM	3	0	17.54	17.50	17.45		
1.4	256QAM	3	1	17.49	17.43	17.53		
1.4	256QAM	3	3	17.47	17.41	17.47		
1.4	256QAM	6	0	17.45	17.50	17.47	19	2.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.18			
10	QPSK	1	25		21.15		22	0
10	QPSK	1	49		21.13			
10	QPSK	25	0		20.18			
10	QPSK	25	12		20.12		21	1
10	QPSK	25	25		20.16			
10	QPSK	50	0		20.15			
10	16QAM	1	0		20.14			
10	16QAM	1	25		20.16		21	1
10	16QAM	1	49		20.11			
10	16QAM	25	0		19.12			
10	16QAM	25	12		19.17		20	2
10	16QAM	25	25		19.19			
10	16QAM	50	0		19.13			
10	64QAM	1	0		19.12			
10	64QAM	1	25		19.14		20	2
10	64QAM	1	49		19.06			
10	64QAM	25	0		18.21			
10	64QAM	25	12		18.14		19	3
10	64QAM	25	25		18.20			
10	64QAM	50	0		18.17			
10	256QAM	1	0		16.13			
10	256QAM	1	25		16.18		17	5
10	256QAM	1	49		16.18			
10	256QAM	25	0		16.17			
10	256QAM	25	12		16.08		17	5
10	256QAM	25	25		16.14			
10	256QAM	50	0		16.08			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.11	21.15	21.14		
5	QPSK	1	12	21.08	21.05	21.02	22	0
5	QPSK	1	24	21.10	21.06	21.09		
5	QPSK	12	0	20.12	20.16	20.10		
5	QPSK	12	7	20.02	20.08	20.03	21	1
5	QPSK	12	13	20.10	20.04	20.04		
5	QPSK	25	0	20.09	20.04	20.06		
5	16QAM	1	0	20.02	20.00	20.09		
5	16QAM	1	12	20.08	20.13	20.10	21	1
5	16QAM	1	24	20.06	20.06	20.05		
5	16QAM	12	0	19.04	19.10	19.02		
5	16QAM	12	7	19.09	19.04	19.12	20	2
5	16QAM	12	13	19.11	19.07	19.11		
5	16QAM	25	0	18.99	19.02	19.07		
5	64QAM	1	0	19.01	19.05	19.06		
5	64QAM	1	12	19.11	19.09	19.11	20	2
5	64QAM	1	24	19.01	18.97	19.01		
5	64QAM	12	0	18.11	18.11	18.13		
5	64QAM	12	7	18.03	18.05	18.10	19	3
5	64QAM	12	13	18.09	18.07	18.12		
5	64QAM	25	0	18.14	18.04	18.13		
5	256QAM	1	0	16.07	16.09	16.09		
5	256QAM	1	12	16.06	16.09	16.08	17	5
5	256QAM	1	24	16.16	16.04	16.09		
5	256QAM	12	0	16.05	16.07	16.10		
5	256QAM	12	7	16.01	16.05	16.06	17	5
5	256QAM	12	13	16.05	16.09	16.05		
5	256QAM	25	0	15.99	15.95	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.93	21.03	20.97		
20	QPSK	1	49	20.96	21.01	20.91	22.3	0
20	QPSK	1	99	21.01	20.97	20.97		
20	QPSK	50	0	20.97	21.02	20.96		
20	QPSK	50	24	20.95	20.98	20.99	22.3	0
20	QPSK	50	50	20.95	21.01	20.94		
20	QPSK	100	0	20.94	20.97	20.96		
20	16QAM	1	0	20.94	21.00	21.01		
20	16QAM	1	49	20.98	21.02	20.95	22.3	0
20	16QAM	1	99	20.93	20.99	20.92		
20	16QAM	50	0	20.65	20.66	20.69		
20	16QAM	50	24	20.72	20.75	20.68	22	0.3
20	16QAM	50	50	20.71	20.75	20.66		
20	16QAM	100	0	20.64	20.68	20.69		
20	64QAM	1	0	20.64	20.74	20.63		
20	64QAM	1	49	20.72	20.65	20.69	22	0.3
20	64QAM	1	99	20.73	20.75	20.70		
20	64QAM	50	0	19.71	19.67	19.65		
20	64QAM	50	24	19.61	19.67	19.69	21	1.3
20	64QAM	50	50	19.64	19.66	19.61		
20	64QAM	100	0	19.72	19.69	19.68		
20	256QAM	1	0	17.65	17.70	17.64		
20	256QAM	1	49	17.65	17.69	17.69	19	3.3
20	256QAM	1	99	17.67	17.67	17.67		
20	256QAM	50	0	17.63	17.70	17.71		
20	256QAM	50	24	17.69	17.68	17.62	19	3.3
20	256QAM	50	50	17.63	17.73	17.62		
20	256QAM	100	0	17.64	17.75	17.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.85	20.96	20.81		
15	QPSK	1	37	20.87	20.93	20.84	22.3	0
15	QPSK	1	74	20.93	20.86	20.85		
15	QPSK	36	0	20.90	20.87	20.89		
15	QPSK	36	20	20.93	20.95	20.86	22.3	0
15	QPSK	36	39	20.90	20.92	20.91		
15	QPSK	75	0	20.88	20.87	20.86		
15	16QAM	1	0	20.90	20.91	20.85		
15	16QAM	1	37	20.82	20.86	20.85	22.3	0
15	16QAM	1	74	20.83	20.90	20.86		
15	16QAM	36	0	20.55	20.56	20.58		
15	16QAM	36	20	20.56	20.66	20.57	22	0.3
15	16QAM	36	39	20.53	20.61	20.56		
15	16QAM	75	0	20.52	20.58	20.53		
15	64QAM	1	0	20.54	20.59	20.52		
15	64QAM	1	37	20.63	20.58	20.61	22	0.3
15	64QAM	1	74	20.61	20.59	20.56		
15	64QAM	36	0	19.61	19.61	19.51		
15	64QAM	36	20	19.59	19.60	19.54	21	1.3
15	64QAM	36	39	19.53	19.65	19.60		
15	64QAM	75	0	19.57	19.58	19.49		
15	256QAM	1	0	17.56	17.63	17.56		
15	256QAM	1	37	17.58	17.62	17.55	19	3.3
15	256QAM	1	74	17.51	17.60	17.59		
15	256QAM	36	0	17.54	17.57	17.49		
15	256QAM	36	20	17.51	17.59	17.56	19	3.3
15	256QAM	36	39	17.56	17.64	17.53		
15	256QAM	75	0	17.56	17.62	17.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.91	20.94	20.86		
10	QPSK	1	25	20.88	20.87	20.91	22.3	0
10	QPSK	1	49	20.85	20.97	20.80		
10	QPSK	25	0	20.91	20.92	20.88		
10	QPSK	25	12	20.87	20.93	20.89	22.3	0
10	QPSK	25	25	20.83	20.90	20.90		
10	QPSK	50	0	20.85	20.91	20.86		
10	16QAM	1	0	20.82	20.91	20.90		
10	16QAM	1	25	20.84	20.90	20.84	22.3	0
10	16QAM	1	49	20.85	20.97	20.86		
10	16QAM	25	0	20.54	20.66	20.53		
10	16QAM	25	12	20.59	20.61	20.59	22	0.3
10	16QAM	25	25	20.61	20.65	20.53		
10	16QAM	50	0	20.51	20.67	20.60		
10	64QAM	1	0	20.51	20.65	20.59		
10	64QAM	1	25	20.56	20.62	20.51	22	0.3
10	64QAM	1	49	20.57	20.62	20.52		
10	64QAM	25	0	19.59	19.56	19.50		
10	64QAM	25	12	19.52	19.58	19.53	21	1.3
10	64QAM	25	25	19.59	19.58	19.54		
10	64QAM	50	0	19.62	19.62	19.52		
10	256QAM	1	0	17.62	17.57	17.53		
10	256QAM	1	25	17.59	17.62	17.51	19	3.3
10	256QAM	1	49	17.59	17.66	17.55		
10	256QAM	25	0	17.62	17.57	17.55		
10	256QAM	25	12	17.60	17.62	17.55	19	3.3
10	256QAM	25	25	17.60	17.58	17.55		
10	256QAM	50	0	17.62	17.61	17.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.82	20.95	20.80		
5	QPSK	1	12	20.89	20.93	20.87	22.3	0
5	QPSK	1	24	20.84	20.95	20.91		
5	QPSK	12	0	20.83	20.90	20.80		
5	QPSK	12	7	20.82	20.86	20.87	22.3	0
5	QPSK	12	13	20.82	20.89	20.88		
5	QPSK	25	0	20.90	20.96	20.81		
5	16QAM	1	0	20.91	20.94	20.83		
5	16QAM	1	12	20.83	20.96	20.90	22.3	0
5	16QAM	1	24	20.83	20.95	20.91		
5	16QAM	12	0	20.54	20.58	20.59		
5	16QAM	12	7	20.56	20.56	20.51	22	0.3
5	16QAM	12	13	20.63	20.63	20.51		
5	16QAM	25	0	20.58	20.65	20.50		
5	64QAM	1	0	20.63	20.61	20.50		
5	64QAM	1	12	20.62	20.63	20.52	22	0.3
5	64QAM	1	24	20.52	20.63	20.53		
5	64QAM	12	0	19.56	19.63	19.59		
5	64QAM	12	7	19.52	19.63	19.52	21	1.3
5	64QAM	12	13	19.51	19.62	19.58		
5	64QAM	25	0	19.62	19.58	19.60		
5	256QAM	1	0	17.57	17.60	17.51		
5	256QAM	1	12	17.59	17.62	17.54	19	3.3
5	256QAM	1	24	17.54	17.56	17.59		
5	256QAM	12	0	17.54	17.66	17.59		
5	256QAM	12	7	17.61	17.60	17.57	19	3.3
5	256QAM	12	13	17.58	17.60	17.60		
5	256QAM	25	0	17.53	17.58	17.55		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.88	20.95	20.84		
3	QPSK	1	8	20.89	20.90	20.79	22.3	0
3	QPSK	1	14	20.81	20.87	20.79		
3	QPSK	8	0	20.90	20.88	20.82		
3	QPSK	8	4	20.83	20.87	20.82	22.3	0
3	QPSK	8	7	20.90	20.89	20.91		
3	QPSK	15	0	20.92	20.89	20.89		
3	16QAM	1	0	20.83	20.96	20.84		
3	16QAM	1	8	20.87	20.96	20.85	22.3	0
3	16QAM	1	14	20.83	20.97	20.83		
3	16QAM	8	0	20.59	20.63	20.55		
3	16QAM	8	4	20.54	20.56	20.51	22	0.3
3	16QAM	8	7	20.62	20.59	20.49		
3	16QAM	15	0	20.59	20.59	20.58		
3	64QAM	1	0	20.62	20.66	20.52		
3	64QAM	1	8	20.53	20.55	20.58	22	0.3
3	64QAM	1	14	20.52	20.62	20.51		
3	64QAM	8	0	19.62	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2695	2810		
20	QPSK	1	0	20.99	21.06	20.84	22.5	0
20	QPSK	1	49	20.95	21.01	20.84		
20	QPSK	1	99	20.96	20.95	20.93		
20	QPSK	50	0	20.95	21.05	20.88		
20	QPSK	50	24	20.95	20.98	20.91	22.5	0
20	QPSK	50	50	20.90	21.03	20.84		
20	QPSK	100	0	20.88	21.04	20.89		
20	16QAM	1	0	20.97	21.00	20.84		
20	16QAM	1	49	20.99	21.06	20.84	22.5	0
20	16QAM	1	99	20.98	20.95	20.82		
20	16QAM	50	0	20.97	21.06	20.81		
20	16QAM	50	24	20.93	21.03	20.92	22.5	0
20	16QAM	50	50	20.89	21.04	20.92		
20	16QAM	100	0	20.90	21.09	20.84		
20	64QAM	1	0	20.97	21.04	20.91		
20	64QAM	1	49	20.99	20.96	20.85	22.5	0
20	64QAM	1	99	20.95	21.03	20.80		
20	64QAM	50	0	20.87	20.97	20.78		
20	64QAM	50	24	20.85	20.99	20.84	22	0.3
20	64QAM	50	50	20.82	20.89	20.56		
20	64QAM	100	0	20.84	20.98	20.56		
20	256QAM	1	0	18.58	18.69	18.56		
20	256QAM	1	49	18.70	18.72	18.60	20	2.3
20	256QAM	1	99	18.65	18.70	18.52		
20	256QAM	50	0	18.70	18.71	18.60		
20	256QAM	50	24	18.68	18.71	18.62	20	2.3
20	256QAM	50	50	18.62	18.65	18.61		
20	256QAM	100	0	18.69	18.72	18.60		
Channel				37800	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2695	2812.5		
15	QPSK	1	0	20.87	20.92	20.81	22.5	0
15	QPSK	1	37	20.94	20.96	20.82		
15	QPSK	1	74	20.90	21.01	20.84		
15	QPSK	36	0	20.84	21.01	20.88	22.5	0
15	QPSK	36	20	20.87	20.95	20.82		
15	QPSK	36	39	20.93	20.91	20.77		
15	QPSK	75	0	20.87	20.98	20.84		
15	16QAM	1	0	20.88	21.01	20.80	22.5	0
15	16QAM	1	37	20.84	20.96	20.87		
15	16QAM	1	74	20.88	20.99	20.82		
15	16QAM	36	0	20.90	20.92	20.86	22.5	0
15	16QAM	36	20	20.91	20.95	20.82		
15	16QAM	36	39	20.89	20.97	20.81		
15	16QAM	75	0	20.90	20.99	20.80		
15	64QAM	1	0	20.91	20.98	20.82	22.5	0
15	64QAM	1	37	20.93	20.97	20.86		
15	64QAM	1	74	20.95	20.96	20.81		
15	64QAM	36	0	20.61	20.80	20.55		
15	64QAM	36	20	20.56	20.70	20.47	22	0.3
15	64QAM	36	39	20.62	20.67	20.59		
15	64QAM	75	0	20.64	20.67	20.51		
15	256QAM	1	0	18.62	18.62	18.55	20	2.3
15	256QAM	1	37	18.59	18.64	18.51		
15	256QAM	1	74	18.57	18.69	18.51		
15	256QAM	36	0	18.57	18.65	18.53	20	2.3
15	256QAM	36	20	18.62	18.62	18.47		
15	256QAM	36	39	18.54	18.64	18.50		
15	256QAM	75	0	18.60	18.65	18.47		
Channel				37850	38000	38025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2695	2810		
10	QPSK	1	0	20.87	20.95	20.85	22.5	0
10	QPSK	1	25	20.94	20.95	20.80		
10	QPSK	1	49	20.93	21.00	20.80		
10	QPSK	25	0	20.93	20.96	20.88	22.5	0
10	QPSK	25	12	20.85	20.96	20.83		
10	QPSK	25	25	20.84	21.01	20.81		
10	QPSK	50	0	20.94	20.90	20.80		
10	16QAM	1	0	20.84	20.96	20.85	22.5	0
10	16QAM	1	25	20.90	21.02	20.81		
10	16QAM	1	49	20.92	20.98	20.83		
10	16QAM	25	0	20.91	20.94	20.86	22.5	0
10	16QAM	25	12	20.84	20.93	20.79		
10	16QAM	25	25	20.92	20.92	20.87		
10	16QAM	50	0	20.83	20.94	20.83		
10	64QAM	1	0	20.91	20.94	20.78		
10	64QAM	1	25	20.90	20.96	20.83	22.5	0
10	64QAM	1	49	20.85	21.00	20.86		
10	64QAM	25	0	20.63	20.64	20.51		
10	64QAM	25	12	20.57	20.61	20.52	22	0.3
10	64QAM	25	25	20.55	20.70	20.58		
10	64QAM	50	0	20.59	20.64	20.48		
10	256QAM	1	0	18.63	18.66	18.52	20	2.3
10	256QAM	1	25	18.54	18.66	18.59		
10	256QAM	1	49	18.52	18.67	18.47		
10	256QAM	25	0	18.54	18.62	18.57		
10	256QAM	25	12	18.55	18.64	18.54	20	2.3
10	256QAM	25	25	18.56	18.62	18.51		
10	256QAM	50	0	18.57	18.68	18.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2695	2817.5		
5	QPSK	1	0	20.83	20.97	20.82	22.5	0
5	QPSK	1	12	20.83	20.92	20.78		
5	QPSK	1	24	20.90	20.91	20.78		
5	QPSK	12	0	20.85	21.01	20.77		
5	QPSK	12	7	20.80	20.95	20.78	22.5	0
5	QPSK	12	13	20.85	20.91	20.81		
5	QPSK	25	0	20.94	20.93	20.88		
5	16QAM	1	0	20.85	20.92	20.82		
5	16QAM	1	12	20.85	20.91	20.78	22.5	0
5	16QAM	1	24	20.90	20.90	20.84		
5	16QAM	12	0	20.91	20.97	20.77		
5	16QAM	12	7	20.87	20.91	20.83	22.5	0
5	16QAM	12	13	20.84	20.92	20.86		
5	16QAM	25	0	20.93	20.91	20.80		
5	64QAM	1	0	20.89	20.91	20.77		
5	64QAM	1	12	20.89	20.93	20.87	22.5	0
5	64QAM	1	24	20.89	20.91	20.79		
5	64QAM	12	0	20.85	20.92	20.47		
5	64QAM	12	7	20.59	20.72	20.58	22	0.3
5	64QAM	12	13	20.55	20.71	20.49		
5	64QAM	25	0	20.63	20.65	20.57		
5	256QAM	1	0	18.63	18.62	18.53		
5	256QAM	1	12	18.57	18.69	18.49	20	2.3
5	256QAM	1	24	18.56	18.66	18.57		
5	256QAM	12	0	18.61	18.62	18.48		
5	256QAM	12	7	18.59	18.71	18.53	20	2.3
5	256QAM	12	13	18.57	18.61	18.56		
5	256QAM	25	0	18.55	18.62	18.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.06	21.12	21.21	21.09	21.16	22.5	0
20	QPSK	1	49	21.07	20.96	21.00	21.07	21.07		
20	QPSK	1	99	21.07	21.05	21.07	21.09	21.10		
20	QPSK	50	0	21.03	21.05	21.17	21.02	21.16		
20	QPSK	50	24	21.11	20.98	21.07	21.04	21.12	22.5	0
20	QPSK	50	50	21.10	21.04	21.07	21.09	21.08		
20	QPSK	100	0	21.12	20.96	21.15	21.10	21.05		
20	16QAM	1	0	21.09	21.06	21.04	21.07	21.14		
20	16QAM	1	49	21.11	21.06	21.09	21.07	21.08	22.5	0
20	16QAM	1	99	21.11	21.06	20.99	21.07	21.08		
20	16QAM	50	0	21.04	20.96	21.00	21.04	21.14		
20	16QAM	50	24	21.06	21.01	21.09	21.05	21.15	22.5	0
20	16QAM	50	50	21.09	21.01	21.03	21.11	21.13		
20	16QAM	100	0	21.10	21.01	21.06	21.05	21.12		
20	64QAM	1	0	21.05	20.98	20.99	21.11	21.15		
20	64QAM	1	49	21.09	21.04	21.05	21.02	21.06	22.5	0
20	64QAM	1	99	21.10	20.97	21.06	21.07	21.15		
20	64QAM	50	0	20.76	20.68	20.73	20.69	20.87		
20	64QAM	50	24	20.79	20.74	20.72	20.78	20.77	22	0.3
20	64QAM	50	50	20.77	20.72	20.69	20.78	20.79		
20	64QAM	100	0	20.73	20.76	20.70	20.75	20.85		
20	256QAM	1	0	18.74	18.67	18.70	18.72	18.83		
20	256QAM	1	49	18.76	18.68	18.68	18.72	18.82	20	2.3
20	256QAM	1	99	18.74	18.72	18.79	18.77	18.77		
20	256QAM	50	0	18.72	18.66	18.78	18.78	18.82		
20	256QAM	50	24	18.72	18.66	18.75	18.78	18.83	20	2.3
20	256QAM	50	50	18.69	18.65	18.74	18.79	18.82		
20	256QAM	100	0	18.72	18.76	18.68	18.78	18.82		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.92	20.92	20.97	21.01	21.02	22	0
15	QPSK	1	37	20.98	20.96	20.92	21.00	21.03		
15	QPSK	1	74	21.01	20.87	20.93	21.00	20.96		
15	QPSK	36	0	20.94	20.90	20.96	20.95	21.00	22.5	0
15	QPSK	36	20	20.97	20.95	20.89	20.91	21.04		
15	QPSK	36	39	21.00	20.92	20.96	20.90	21.02		
15	QPSK	75	0	20.96	20.94	20.89	20.98	21.01		
15	16QAM	1	0	20.90	20.93	20.93	20.92	20.98	22.5	0
15	16QAM	1	37	20.97	20.89	20.95	20.95	20.98		
15	16QAM	1	74	20.92	20.90	20.99	20.92	21.03		
15	16QAM	36	0	20.93	20.97	20.88	20.90	21.07		
15	16QAM	36	20	20.97	20.94	20.89	20.97	21.00	22.5	0
15	16QAM	36	39	20.97	20.96	20.89	20.94	21.07		
15	16QAM	75	0	20.94	20.95	20.89	21.00	21.05		
15	64QAM	1	0	20.91	20.91	20.92	20.92	21.04		
15	64QAM	1	37	20.96	20.88	20.90	20.92	21.05	22.5	0
15	64QAM	1	74	20.97	20.90	20.98	20.90	21.02		
15	64QAM	36	0	20.71	20.65	20.65	20.76	20.75		
15	64QAM	36	20	20.68	20.62	20.68	20.67	20.66	22	0.3
15	64QAM	36	39	20.63	20.60	20.62	20.63	20.77		
15	64QAM	75	0	20.67	20.58	20.65	20.65	20.68		
15	256QAM	1	0	18.65	18.61	18.64	18.71	18.72		
15	256QAM	1	37	18.60	18.63	18.61	18.66	18.76	20	2.3
15	256QAM	1	74	18.69	18.60	18.65	18.62	18.70		
15	256QAM	36	0	18.70	18.60	18.58	18.65	18.70		
15	256QAM	36	20	18.72	18.62	18.67	18.66	18.79	20	2.3
15	256QAM	36	39	18.65	18.64	18.63	18.64	18.76		
15	256QAM	75	0	18.62	18.66	18.68	18.62	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.98	20.95	21.01	21.00	21.03	22	0
10	QPSK	1	25	21.00	20.98	20.89	20.90	21.05		
10	QPSK	1	49	20.99	20.93	20.93	20.93	21.03		
10	QPSK	25	0	20.93	20.85	20.98	20.99	20.96		
10	QPSK	25	12	20.91	20.96	20.88	20.92	21.06	22.5	0
10	QPSK	25	25	20.93	20.87	20.90	20.92	21.03		
10	QPSK	50	0	20.95	20.93	20.92	20.90	21.06		
10	16QAM	1	0	20.93	20.93	20.98	20.96	20.96		
10	16QAM	1	25	20.97	20.90	20.98	20.92	21.03	22.5	0
10	16QAM	1	49	20.96	20.96	20.91	20.93	21.01		
10	16QAM	25	0	21.01	20.96	20.96	20.97	20.96		
10	16QAM	25	12	20.99	20.87	20.94	21.01	21.05	22.5	0
10	16QAM	25	25	20.99	20.90	20.98	20.91	21.00		
10	16QAM	50	0	20.74	20.94	20.94	20.94	20.97		
10	64QAM	1	0	21.01	20.89	20.97	20.96	21.07		
10	64QAM	1	25	20.93	20.90	20.94	20.92	21.02	22.5	0
10	64QAM	1	49	21.01	20.94	20.94	20.90	20.95		
10	64QAM	25	0	20.65	20.65	20.64	20.63	20.72		
10	64QAM	25	12	20.66	20.58	20.64	20.68	20.68	22	0.3
10	64QAM	25	25	20.64	20.61	20.67	20.68	20.70		
10	64QAM	50	0	20.61	20.61	20.64	20.59	20.65		
10	256QAM	1	0	18.66	18.62	18.59	18.64	18.74		
10	256QAM	1	25	18.63	18.62	18.59	18.61	18.68	20	2.3
10	256QAM	1	49	18.61	18.56	18.62	18.63	18.73		
10	256QAM	25	0	18.62	18.60	18.64	18.62	18.71		
10	256QAM	25	12	18.64	18.59	18.62	18.65	18.75	20	2.3
10	256QAM	25	25	18.60	18.62	18.61	18.59	18.69		
10	256QAM	50	0	18.68	18.62	18.66	18.61	18.68		
Channel				39675	40140	40620	41085	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.5	2595	2643.0	2691.5		
5	QPSK	1	0	21.00	20.86	20.95	20.96	21.07	22	0
5	QPSK	1	12	20.97	20.91	20.98	21.00	21.02		
5	QPSK	1	24	20.97	20.91	20.89	21.00	21.03		
5	QPSK	12	0	20.91	20.94	20.94	20.93	21.05		
5	QPSK	12	7	20.91	20.94	20.97	20.95	21.01	22.5	0
5	QPSK	12	13	20.95	20.86	20.90	21.00	20.97		
5	QPSK	25	0	20.97	20.95	20.97	20.92	21.06		
5	16QAM	1	0	21.00	20.95	20.94	21.00	21.01		
5	16QAM	1	12	20.99	20.96	20.98	20.93	21.03	22.5	0
5	16QAM	1	24	21.01	20.92	20.92	20.94	21.05		
5	16QAM	12	0	20.96	20.92	20.91	20.94	21.02		
5	16QAM	12	7	20.93	20.96	20.97	20.90	21.07	22.5	0
5	16QAM	12	13	20.97	20.91	20.91	20.91	21.02		
5	16QAM	25	0	20.99	20.96	20.91	20.94	20.95		
5	64QAM	1	0	20.92	20.88	20.91	20.92	21.07		
5	64QAM	1	12	20.92	20.88	20.91	20.92	21.07	22.5	0
5	64QAM	1	24	21.02	20.87	20.92	20.92	20.95		
5	64QAM	12	0	20.93	20.92	20.89	20.92	21.02		
5	64QAM	12	7	20.69	20.66	20.66	20.61	20.75	22	0.3
5	64QAM	12	13	20.64	20.62	20.63	20.62	20.68		
5	64QAM	25	0	20.63	20.62	20.69	20.69	20.71		
5	256QAM	1	0	18.62	18.61	18.62	18.63	18.66		
5	256QAM	1	12	18.70	18.68	18.62	18.65	18.72	20	2.3
5	256QAM	1	24	18.70	18.57	18.60	18.66	18.74		
5	256QAM	12	0	18.71	18.64	18.61	18.68	18.68		
5	256QAM	12	7	18.64	18.56	18.68	18.59	18.72	20	2.3
5	256QAM	12	13	18.71	18.57	18.64	18.60	18.76		
5	256QAM	25	0	18.65	18.61	18.62	18.63	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.74	22.72	22.83	22.63	22.81	23.9	0
20	QPSK	1	49	22.73	22.69	22.68	22.63	22.77		
20	QPSK	1	99	22.67	22.68	22.70	22.61	22.69		
20	QPSK	50	0	22.66	22.69	22.77	22.62	22.71		
20	QPSK	50	24	22.71	22.71	22.70	22.62	22.73	23.9	0
20	QPSK	50	50	22.71	22.70	22.75	22.67	22.73		
20	QPSK	100	0	22.73	22.64	22.76	22.62	22.73		
20	16QAM	1	0	22.74	22.72	22.65	22.67	22.73		
20	16QAM	1	49	22.68	22.70	22.75	22.66	22.74	23.9	0
20	16QAM	1	99	22.70	22.73	22.67	22.65	22.74		
20	16QAM	50	0	22.67	22.69	22.73	22.65	22.76		
20	16QAM	50	24	22.71	22.69	22.69	22.66	22.70	23.9	0
20	16QAM	50	50	22.75	22.63	22.73	22.68	22.77		
20	16QAM	100	0	22.70	22.71	22.74	22.68	22.74		
20	64QAM	1	0	22.73	22.66	22.74	22.64	22.78		
20	64QAM	1	49	22.75	22.62	22.69	22.65	22.78	23.9	0
20	64QAM	1	99	22.73	22.62	22.70	22.62	22.76		
20	64QAM	50	0	22.67	22.73	22.71	22.62	22.77		
20	64QAM	50	24	22.72	22.74	22.72	22.61	22.73	23.9	0
20	64QAM	50	50	22.75	22.67	22.75	22.68	22.70		
20	64QAM	100	0	22.71	22.69	22.67	22.62	22.68		
20	256QAM	1	0	20.76	20.83	20.80	20.80	20.88	22	1.9
20	256QAM	1	49	20.82	20.79	20.77	20.73	20.88		
20	256QAM	1	99	20.83	20.78	20.83	20.76	20.82		
20	256QAM	50	0	20.83	20.74	20.85	20.81	20.84		
20	256QAM	50	24	20.76	20.81	20.80	20.74	20.89	22	1.9
20	256QAM	50	50	20.79	20.73	20.77	20.74	20.79		
20	256QAM	100	0	20.85	20.73	20.82	20.77	20.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.59	22.67	22.61	22.63	22.67	24	0
15	QPSK	1	37	22.69	22.64	22.62	22.64	22.69		
15	QPSK	1	74	22.71	22.69	22.69	22.56	22.73		
15	QPSK	36	0	22.67	22.64	22.68	22.62	22.70	23.9	0
15	QPSK	36	20	22.69	22.64	22.62	22.65	22.65		
15	QPSK	36	39	22.68	22.64	22.65	22.58	22.72		
15	QPSK	75	0	22.62	22.62	22.68	22.61	22.66		
15	16QAM	1	0	22.67	22.66	22.64	22.59	22.66	23.9	0
15	16QAM	1	37	22.66	22.59	22.61	22.62	22.74		
15	16QAM	1	74	22.63	22.63	22.70	22.60	22.71		
15	16QAM	36	0	22.61	22.67	22.68	22.60	22.69		
15	16QAM	36	20	22.62	22.59	22.67	22.58	22.68	23.9	0
15	16QAM	36	39	22.66	22.58	22.66	22.57	22.72		
15	16QAM	75	0	22.62	22.58	22.61	22.63	22.67		
15	64QAM	1	0	22.69	22.66	22.71	22.65	22.75		
15	64QAM	1	37	22.61	22.66	22.69	22.62	22.70	23.9	0
15	64QAM	1	74	22.64	22.67	22.64	22.62	22.73		
15	64QAM	36	0	22.60	22.63	22.66	22.57	22.64		
15	64QAM	36	20	22.65	22.57	22.60	22.65	22.72	23.9	0
15	64QAM	36	39	22.65	22.57	22.67	22.63	22.74		
15	64QAM	75	0	22.66	22.64	22.61	22.59	22.65		
15	256QAM	1	0	20.74	20.70	20.78	20.67	20.78		
15	256QAM	1	37	20.70	20.70	20.77	20.65	20.78	22	1.9
15	256QAM	1	74	20.80	20.70	20.78	20.71	20.73		
15	256QAM	36	0	20.72	20.73	20.76	20.69	20.78		
15	256QAM	36	20	20.81	20.69	20.72	20.66	20.76	22	1.9
15	256QAM	36	39	20.71	20.76	20.76	20.70	20.74		
15	256QAM	75	0	20.71	20.79	20.71	20.76	20.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.68	22.62	22.70	22.66	22.77	24	0
10	QPSK	1	25	22.66	22.64	22.65	22.64	22.69		
10	QPSK	1	49	22.69	22.67	22.60	22.62	22.65		
10	QPSK	25	0	22.68	22.58	22.65	22.66	22.73		
10	QPSK	25	12	22.69	22.66	22.71	22.62	22.73	23.9	0
10	QPSK	25	25	22.64	22.69	22.67	22.66	22.68		
10	QPSK	50	0	22.65	22.58	22.65	22.62	22.73		
10	16QAM	1	0	22.61	22.60	22.61	22.61	22.64		
10	16QAM	1	25	22.71	22.69	22.69	22.56	22.71	23.9	0
10	16QAM	1	49	22.60	22.58	22.67	22.56	22.65		
10	16QAM	25	0	22.64	22.66	22.64	22.62	22.66		
10	16QAM	25	12	22.62	22.58	22.61	22.65	22.68	23.9	0
10	16QAM	25	25	22.62	22.67	22.70	22.64	22.72		
10	16QAM	50	0	22.60	22.58	22.64	22.59

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42590	42590	42590		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.89	21.93	21.86		
20	QPSK	1	49	21.80	21.89	21.79	23	0
20	QPSK	1	99	21.78	21.87	21.73		
20	QPSK	50	0	20.90	20.91	20.83		
20	QPSK	50	24	20.81	20.90	20.77	22	1
20	QPSK	50	50	20.77	20.81	20.67		
20	QPSK	100	0	20.85	20.90	20.81		
20	16QAM	1	0	20.92	20.89	20.86		
20	16QAM	1	49	20.75	20.82	20.78	22	1
20	16QAM	1	99	20.76	20.92	20.77		
20	16QAM	50	0	19.92	19.90	19.78		
20	16QAM	50	24	19.83	19.89	19.80	21	2
20	16QAM	50	50	19.81	19.79	19.71		
20	16QAM	100	0	19.87	19.93	19.86		
20	64QAM	1	0	19.97	19.94	19.85		
20	64QAM	1	49	19.75	19.94	19.74	21	2
20	64QAM	1	99	19.77	19.90	19.76		
20	64QAM	50	0	18.90	18.91	18.88		
20	64QAM	50	24	18.76	18.90	18.76	20	3
20	64QAM	50	50	18.79	18.83	18.62		
20	64QAM	100	0	18.89	18.89	18.91		
20	256QAM	1	0	16.91	16.88	16.87		
20	256QAM	1	49	16.77	16.94	16.82	18	5
20	256QAM	1	99	16.80	16.91	16.80		
20	256QAM	50	0	16.89	16.96	16.87		
20	256QAM	50	24	16.87	16.94	16.81	18	5
20	256QAM	50	50	16.79	16.95	16.83		
20	256QAM	100	0	16.71	16.94	16.78		
Channel				42115	42090	42065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.80	21.80		
15	QPSK	1	37	21.70	21.80	21.80	23	0
15	QPSK	1	74	21.70	21.74	21.64		
15	QPSK	36	0	20.82	20.81	20.80		
15	QPSK	36	20	20.70	20.85	20.64	22	1
15	QPSK	36	39	20.73	20.77	20.58		
15	QPSK	75	0	20.79	20.86	20.78		
15	16QAM	1	0	20.88	20.87	20.77		
15	16QAM	1	37	20.73	20.81	20.67	22	1
15	16QAM	1	74	20.66	20.83	20.65		
15	16QAM	36	0	19.85	19.83	19.66		
15	16QAM	36	20	19.81	19.75	19.69	21	2
15	16QAM	36	39	19.76	19.67	19.66		
15	16QAM	75	0	19.83	19.84	19.75		
15	64QAM	1	0	19.87	19.80	19.82		
15	64QAM	1	37	19.72	19.85	19.61	21	2
15	64QAM	1	74	19.70	19.81	19.72		
15	64QAM	36	0	18.87	18.88	18.79		
15	64QAM	36	20	18.68	18.85	18.67	20	3
15	64QAM	36	39	18.73	18.80	18.50		
15	64QAM	75	0	18.83	18.76	18.83		
15	256QAM	1	0	16.79	16.85	16.81		
15	256QAM	1	37	16.66	16.85	16.83	18	5
15	256QAM	1	74	16.76	16.70	16.64		
15	256QAM	36	0	16.80	16.83	16.82		
15	256QAM	36	20	16.82	16.91	16.73	18	5
15	256QAM	36	39	16.73	16.86	16.71		
15	256QAM	75	0	16.57	16.91	16.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	21.79	21.69	21.79		
10	QPSK	1	25	21.77	21.86	21.67	23	0
10	QPSK	1	49	21.69	21.77	21.64		
10	QPSK	25	0	20.86	20.84	20.70		
10	QPSK	25	12	20.75	20.87	20.68	22	1
10	QPSK	25	25	20.73	20.74	20.59		
10	QPSK	50	0	20.80	20.80	20.81		
10	16QAM	1	0	20.96	20.86	20.78		
10	16QAM	1	25	20.82	20.80	20.77	22	1
10	16QAM	1	49	20.66	20.87	20.68		
10	16QAM	25	0	19.81	19.76	19.68		
10	16QAM	25	12	19.71	19.85	19.76	21	2
10	16QAM	25	25	19.77	19.67	19.65		
10	16QAM	50	0	19.84	19.86	19.81		
10	64QAM	1	0	19.91	19.80	19.76		
10	64QAM	1	25	19.65	19.80	19.71	21	2
10	64QAM	1	49	19.69	19.87	19.63		
10	64QAM	25	0	18.87	18.87	18.81		
10	64QAM	25	12	18.66	18.87	18.68	20	3
10	64QAM	25	25	18.67	18.76	18.56		
10	64QAM	50	0	18.85	18.77	18.82		
10	256QAM	1	0	16.79	16.85	16.81		
10	256QAM	1	25	16.63	16.87	16.76	18	5
10	256QAM	1	49	16.67	16.70	16.61		
10	256QAM	25	0	16.83	16.85	16.75		
10	256QAM	25	12	16.79	16.80	16.77	18	5
10	256QAM	25	25	16.67	16.84	16.74		
10	256QAM	50	0	16.59	16.83	16.72		
Channel				42115	42090	42065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.72		
5	QPSK	1	12	21.72	21.84	21.65	23	0
5	QPSK	1	24	21.74	21.74	21.61		
5	QPSK	12	0	20.78	20.85	20.69		
5	QPSK	12	7	20.73	20.83	20.74	22	1
5	QPSK	12	13	20.68	20.79	20.54		
5	QPSK	25	0	20.80	20.76	20.82		
5	16QAM	1	0	20.77	20.78	20.74		
5	16QAM	1	12	20.65	20.78	20.65	22	1
5	16QAM	1	24	20.70	20.80	20.74		
5	16QAM	12	0	19.81	19.76	19.69		
5	16QAM	12	7	19.69	19.87	19.71	21	2
5	16QAM	12	13	19.72	19.66	19.64		
5	16QAM	25	0	19.77	19.83	19.80		
5	64QAM	1	0	19.86	19.80	19.77		
5	64QAM	1	12	19.70	19.86	19.61	21	2
5	64QAM	1	24	19.69	19.85	19.67		
5	64QAM	12	0	18.79	18.85	18.75		
5	64QAM	12	7	18.66	18.77	18.68	20	3
5	64QAM	12	13	18.69	18.69	18.55		
5	64QAM	25	0	18.81	18.76	18.78		
5	256QAM	1	0	16.82	16.80	16.78		
5	256QAM	1	12	16.66	16.89	16.76	18	5
5	256QAM	1	24	16.75	16.67	16.58		
5	256QAM	12	0	16.85	16.88	16.77		
5	256QAM	12	7	16.77	16.91	16.77	18	5
5	256QAM	12	13	16.70	16.86	16.71		
5	256QAM	25	0	16.60	16.85	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	22.31	22.41	22.31		
20	QPSK	1	49	22.12	22.32	22.23	24	0
20	QPSK	1	99	22.15	22.27	22.22		
20	QPSK	50	0	21.28	21.38	21.19		
20	QPSK	50	24	21.12	21.23	21.26	23	1
20	QPSK	50	50	21.14	21.34	21.28		
20	QPSK	100	0	21.26	21.42	21.31		
20	16QAM	1	0	21.27	21.24	21.30		
20	16QAM	1	49	21.14	21.44	21.20	23	1
20	16QAM	1	99	21.16	21.34	21.19		
20	16QAM	50	0	20.29	20.37	20.21		
20	16QAM	50	24	20.10	20.22	20.23	22	2
20	16QAM	50	50	20.13	20.30	20.28		
20	16QAM	100	0	20.30	20.34	20.39		
20	64QAM	1	0	20.25	20.34	20.32		
20	64QAM	1	49	20.22	20.44	20.27	22	2
20	64QAM	1	99	20.21	20.33	20.23		
20	64QAM	50	0	19.31	19.38	19.31		
20	64QAM	50	24	19.11	19.25	19.28	21	3
20	64QAM	50	50	19.16	19.27	19.20		
20	64QAM	100	0	19.23	19.26	19.35		
20	256QAM	1	0	17.34	17.43	17.24		
20	256QAM	1	49	17.12	17.30	17.16	19	5
20	256QAM	1	99	17.15	17.23	17.34		
20	256QAM	50	0	17.25	17.29	17.36		
20	256QAM	50	24	17.27	17.32	17.33	19	5
20	256QAM	50	50	17.23	17.34	17.23		
20	256QAM	100	0	17.12	17.38	17.20		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	22.18	22.30	22.19		
15	QPSK	1	37	22.05	22.23	22.13	24	0
15	QPSK	1	74	22.05	22.16	22.12		
15	QPSK	36	0	21.18	21.29	21.09		
15	QPSK	36	20	21.03	21.14	21.13	23	1
15	QPSK	36	39	21.06	21.22	21.19		
15	QPSK	75	0	21.17	21.24	21.21		
15	16QAM	1	0	21.15	21.13	21.22		
15	16QAM	1	37	21.02	21.34	21.09	23	1
15	16QAM	1	74	21.06	21.21	21.10		
15	16QAM	36	0	20.16	20.27	20.11		
15	16QAM	36	20	20.02	20.10	20.12	22	2
15	16QAM	36	39	20.01	20.18	20.20		
15	16QAM	75	0	20.22	20.23	20.27		
15	64QAM	1	0	20.17	20.27	20.21		
15	64QAM	1	37	20.13	20.33	20.18	22	2
15	64QAM	1	74	20.13	20.21	20.10		
15	64QAM	36	0	19.23	19.26	19.23		
15	64QAM	36	20	19.03	19.12	19.16	21	3
15	64QAM	36	39	19.11	19.18	19.08		
15	64QAM	75	0	19.10	19.17	19.27		
15	256QAM	1	0	17.21	17.30	17.14		
15	256QAM	1	37	17.02	17.22	17.07	19	5
15	256QAM	1	74	17.09	17.15	17.24		
15	256QAM	36	0	17.13	17.18	17.23		
15	256QAM	36	20	17.16	17.24	17.22	19	5
15	256QAM	36	39	17.11	17.26	17.16		
15	256QAM	75	0	17.04	17.30	17.11		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	22.00	22.32	22.20		
10	QPSK	1	25	22.00	22.19	22.11	24	0
10	QPSK	1	49	22.02	22.20	22.12		
10	QPSK	25	0	21.21	21.28	21.08		
10	QPSK	25	12	21.03	21.15	21.16	23	1
10	QPSK	25	25	21.02	21.22	21.17		
10	QPSK	50	0	21.16	21.32	21.20		
10	16QAM	1	0	21.19	21.13	21.19		
10	16QAM	1	25	21.06	21.36	21.09	23	1
10	16QAM	1	49	21.08	21.23	21.08		
10	16QAM	25	0	20.16	20.26	20.14		
10	16QAM	25	12	20.01	20.10	20.14	22	2
10	16QAM	25	25	20.06	20.19	20.17		
10	16QAM	50	0	20.20	20.23	20.32		
10	64QAM	1	0	20.17	20.22	20.24		
10	64QAM	1	25	20.10	20.34	20.18	22	2
10	64QAM	1	49	20.12	20.25	20.12		
10	64QAM	25	0	19.24	19.27	19.20		
10	64QAM	25	12	19.04	19.13	19.20	21	3
10	64QAM	25	25	19.08	19.17	19.11		
10	64QAM	50	0	19.13	19.13	19.27		
10	256QAM	1	0	17.25	17.35	17.15		
10	256QAM	1	25	17.04	17.20	17.04	19	5
10	256QAM	1	49	17.06	17.11	17.23		
10	256QAM	25	0	17.15	17.20	17.28		
10	256QAM	25	12	17.20	17.24	17.22	19	5
10	256QAM	25	25	17.14	17.29	17.13		
10	256QAM	50	0	17.00	17.26	17.11		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	22.20	22.30	22.22		
5	QPSK	1	12	22.07	22.22	22.16	24	0
5	QPSK	1	24	22.03	22.19	22.11		
5	QPSK	12	0	21.19	21.30	21.09		
5	QPSK	12	7	21.01	21.16	21.14	23	1
5	QPSK	12	13	21.07	21.24	21.18		
5	QPSK	25	0	21.17	21.34	21.20		
5	16QAM	1	0	21.20	21.33	21.18		
5	16QAM	1	12	21.02	21.35	21.13	23	1
5	16QAM	1	24	21.07	21.22	21.12		
5	16QAM	12	0	20.20	20.26	20.12		
5	16QAM	12	7	20.01	20.11	20.13	22	2
5	16QAM	12	13	20.04	20.20	20.19		
5	16QAM	25	0	20.21	20.22	20.27		
5	64QAM	1	0	20.17	20.25	20.20		
5	64QAM	1	12	20.11	20.30	20.18	22	2
5	64QAM	1	24	20.09	20.25	20.10		
5	64QAM	12	0	19.16	19.26	19.21		
5	64QAM	12	7	19.02	19.12	19.15	21	3
5	64QAM	12	13	19.05	19.19	19.10		
5	64QAM	25	0	19.14	19.18	19.24		
5	256QAM	1	0	17.23	17.33	17.17		
5	256QAM	1	12	17.04	17.17	17.05	19	5
5	256QAM	1	24	17.07	17.12	17.21		
5	256QAM	12	0	17.14	17.16	17.28		
5	256QAM	12	7	17.17	17.19	17.23	19	5
5	256QAM	12	13	17.11	17.28	17.12		
5	256QAM	25	0	17.01	17.26	17.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55540	55830	56150	56640		
Frequency (MHz)				3560	3609	3661	3690		
20	QPSK	1	0	23.49	23.51	23.45	23.43		
20	QPSK	1	49	23.41	23.46	23.36	23.30	24	0
20	QPSK	1	99	23.41	23.44	23.36	23.25		
20	QPSK	50	0	22.52	22.50	22.43	22.39		
20	QPSK	50	24	22.41	22.44	22.38	22.30	23	1
20	QPSK	50	50	22.47	22.44	22.38	22.35		
20	QPSK	100	0	22.51	22.54	22.50	22.47		
20	16QAM	1	0	22.44	22.47	22.50	22.48		
20	16QAM	1	49	22.36	22.46	22.33	22.24	23	1
20	16QAM	1	99	22.41	22.39	22.41	22.39		
20	16QAM	50	0	21.54	21.54	21.46	21.45		
20	16QAM	50	24	21.44	21.39	21.42	21.30	22	2
20	16QAM	50	50	21.41	21.41	21.44	21.38		
20	16QAM	100	0	21.52	21.57	21.54	21.49		
20	64QAM	1	0	21.44	21.47	21.50	21.53		
20	64QAM	1	49	21.31	21.47	21.27	21.25	22	2
20	64QAM	1	99	21.43	21.43	21.36	21.33		
20	64QAM	50	0	20.58	20.61	20.46	20.40		
20	64QAM	50	24	20.43	20.49	20.39	20.28	21	3
20	64QAM	50	50	20.50	20.49	20.41	20.34		
20	64QAM	100	0	20.55	20.60	20.50	20.51		
20	256QAM	1	0	18.55	18.50	18.38	18.44		
20	256QAM	1	49	18.46	18.46	18.41	18.32	19	5
20	256QAM	1	99	18.43	18.46	18.40	18.36		
20	256QAM	50	0	18.52	18.52	18.52	18.41		
20	256QAM	50	24	18.50	18.45	18.45	18.51	19	5
20	256QAM	50	50	18.37	18.46	18.50	18.24		
20	256QAM	100	0	18.44	18.33	18.39	18.37		
Channel				55315	55690	56065	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3606	3662	3692.5		
15	QPSK	1	0	23.36	23.39	23.38	23.34		
15	QPSK	1	37	23.34	23.44	23.31	23.19	24	0
15	QPSK	1	74	23.36	23.40	23.26	23.22		
15	QPSK	36	0	22.43	22.47	22.35	22.35		
15	QPSK	36	20	22.38	22.40	22.24	22.26	23	1
15	QPSK	36	39	22.44	22.37	22.33	22.27		
15	QPSK	75	0	22.43	22.51	22.44	22.43		
15	16QAM	1	0	22.38	22.42	22.47	22.36		
15	16QAM	1	37	22.27	22.34	22.31	22.10	23	1
15	16QAM	1	74	22.28	22.36	22.33	22.31		
15	16QAM	36	0	21.50	21.45	21.32	21.39		
15	16QAM	36	20	21.42	21.34	21.35	21.26	22	2
15	16QAM	36	39	21.36	21.36	21.38	21.30		
15	16QAM	75	0	21.39	21.51	21.42	21.40		
15	64QAM	1	0	21.38	21.40	21.39	21.50		
15	64QAM	1	37	21.27	21.39	21.22	21.17	22	2
15	64QAM	1	74	21.32	21.32	21.33	21.22		
15	64QAM	36	0	20.45	20.53	20.38	20.27		
15	64QAM	36	20	20.32	20.35	20.30	20.24	21	3
15	64QAM	36	39	20.44	20.45	20.35	20.32		
15	64QAM	75	0	20.52	20.49	20.43	20.39		
15	256QAM	1	0	18.50	18.40	18.27	18.42		
15	256QAM	1	37	18.37	18.38	18.30	18.26	19	5
15	256QAM	1	74	18.40	18.46	18.29	18.29		
15	256QAM	36	0	18.42	18.38	18.43	18.33		
15	256QAM	36	20	18.44	18.37	18.32	18.42	19	5
15	256QAM	36	39	18.26	18.41	18.27	18.13		
15	256QAM	75	0	18.37	18.31	18.25	18.30		
Channel				55290	55815	56165	56590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3662.5	3690		
10	QPSK	1	0	23.38	23.37	23.41	23.33		
10	QPSK	1	25	23.34	23.39	23.26	23.22	24	0
10	QPSK	1	49	23.28	23.37	23.32	23.25		
10	QPSK	25	0	22.40	22.51	22.40	22.31		
10	QPSK	25	12	22.37	22.35	22.24	22.24	23	1
10	QPSK	25	25	22.43	22.39	22.30	22.28		
10	QPSK	50	0	22.43	22.50	22.38	22.39		
10	16QAM	1	0	22.41	22.41	22.41	22.39		
10	16QAM	1	25	22.30	22.42	22.26	22.21	23	1
10	16QAM	1	49	22.38	22.36	22.29	22.27		
10	16QAM	25	0	21.50	21.50	21.43	21.31		
10	16QAM	25	12	21.31	21.33	21.31	21.26	22	2
10	16QAM	25	25	21.32	21.32	21.40	21.35		
10	16QAM	50	0	21.45	21.52	21.45	21.43		
10	64QAM	1	0	21.32	21.37	21.45	21.49		
10	64QAM	1	25	21.20	21.36	21.22	21.19	22	2
10	64QAM	1	49	21.40	21.36	21.30	21.21		
10	64QAM	25	0	20.52	20.51	20.44	20.29		
10	64QAM	25	12	20.31	20.35	20.37	20.14	21	3
10	64QAM	25	25	20.45	20.44	20.37	20.21		
10	64QAM	50	0	20.46	20.50	20.46	20.40		
10	256QAM	1	0	18.52	18.43	18.27	18.41		
10	256QAM	1	25	18.40	18.36	18.37	18.20	19	5
10	256QAM	1	49	18.29	18.40	18.27	18.19		
10	256QAM	25	0	18.44	18.42	18.46	18.30		
10	256QAM	25	12	18.41	18.32	18.36	18.48	19	5
10	256QAM	25	25	18.30	18.34	18.33	18.20		
10	256QAM	50	0	18.32	18.31	18.36	18.24		
Channel				55265	55815	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607.5	3662.5	3687.5		
5	QPSK	1	0	23.46	23.47	23.38	23.33		
5	QPSK	1	12	23.28	23.36	23.29	23.24	24	0
5	QPSK	1	24	23.28	23.39	23.32	23.26		
5	QPSK	12	0	22.43	22.47	22.32	22.31		
5	QPSK	12	7	22.34	22.32	22.30	22.18	23	1
5	QPSK	12	13	22.44	22.35	22.30	22.32		
5	QPSK	25	0	22.46	22.50	22.37	22.35		
5	16QAM	1	0	22.38	22.39	22.47	22.45		
5	16QAM	1	12	22.29	22.42	22.23	22.15	23	1
5	16QAM	1	24	22.36	22.28	22.33	22.32		
5	16QAM	12	0	21.45	21.44	21.41	21.41		
5	16QAM	12	7	21.41	21.27	21.37	21.25	22	2
5	16QAM	12	13	21.31	21.35	21.36	21.32		
5	16QAM	25	0	21.44	21.47	21.42	21.44		
5	64QAM	1	0	21.36	21.36	21.41	21.50		
5	64QAM	1	12	21.19	21.37	21.16	21.19	22	2
5	64QAM	1	24	21.34	21.36	21.29	21.28		
5	64QAM	12	0	20.46	20.53	20.39	20.36		
5	64QAM	12	7	20.33	20.33	20.29	20.15	21	3
5	64QAM	12	13	20.42	20.46	20.37	20.31		
5	64QAM	25	0	20.46	20.53	20.45	20.43		
5	256QAM	1	0	18.52	18.45	18.30	18.30		
5	256QAM	1	12	18.38	18.43	18.32	18.23	19	5
5	256QAM	1	24	18.29	18.42	18.35	18.33		
5	256QAM	12	0	18.44	18.48	18.40	18.36		
5	256QAM	12	7	18.39	18.37	18.33	18.39	19	5
5	256QAM	12	13	18.31	18.35	18.23	18.16		
5	256QAM	25	0	18.40	18.24	18.33	18.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.85	20.96	20.84		
20	QPSK	1	49	20.89	20.92	20.85	22.4	0
20	QPSK	1	99	20.82	20.95	20.81		
20	QPSK	50	0	20.79	20.86	20.80		
20	QPSK	50	24	20.81	20.72	20.80	22.4	0
20	QPSK	50	50	20.79	20.75	20.80		
20	QPSK	100	0	20.80	20.84	20.80		
20	16QAM	1	0	20.88	20.86	20.82		
20	16QAM	1	49	20.84	20.78	20.84	22.4	0
20	16QAM	1	99	20.81	20.90	20.76		
20	16QAM	50	0	20.83	20.87	20.83		
20	16QAM	50	24	20.77	20.90	20.94	22	0.4
20	16QAM	50	50	20.86	20.83	20.86		
20	16QAM	100	0	20.84	20.80	20.86		
20	64QAM	1	0	20.90	20.92	20.86		
20	64QAM	1	49	20.86	20.87	20.86	22	0.4
20	64QAM	1	99	20.89	20.87	20.88		
20	64QAM	50	0	19.78	19.91	19.78		
20	64QAM	50	24	19.71	19.85	19.78	21	1.4
20	64QAM	50	50	19.73	19.86	19.89		
20	64QAM	100	0	19.75	19.95	19.85		
20	256QAM	1	0	17.76	17.95	17.92		
20	256QAM	1	49	17.77	17.97	17.71	19	3.4
20	256QAM	1	99	17.73	17.93	17.85		
20	256QAM	50	0	17.77	17.92	17.83		
20	256QAM	50	24	17.82	17.86	17.80		
20	256QAM	50	50	17.73	17.85	17.86	19	3.4
20	256QAM	100	0	17.71	17.88	17.77		
Channel				43190	43340	43315	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	20.71	20.79	20.77		
15	QPSK	1	37	20.78	20.82	20.78	22.4	0
15	QPSK	1	74	20.73	20.84	20.68		
15	QPSK	36	0	20.73	20.72	20.75		
15	QPSK	36	20	20.73	20.67	20.65	22.4	0
15	QPSK	36	39	20.70	20.65	20.74		
15	QPSK	75	0	20.78	20.84	20.77		
15	16QAM	1	0	20.70	20.82	20.65		
15	16QAM	1	37	20.71	20.68	20.75	22.4	0
15	16QAM	1	74	20.72	20.76	20.71		
15	16QAM	36	0	20.69	20.72	20.67		
15	16QAM	36	20	20.68	20.76	20.80	22	0.4
15	16QAM	36	39	20.75	20.74	20.75		
15	16QAM	75	0	20.72	20.71	20.78		
15	64QAM	1	0	20.81	20.77	20.73		
15	64QAM	1	37	20.70	20.76	20.77	22	0.4
15	64QAM	1	74	20.79	20.75	20.86		
15	64QAM	36	0	19.73	19.79	19.73		
15	64QAM	36	20	19.60	19.78	19.66	21	1.4
15	64QAM	36	39	19.55	19.77	19.78		
15	64QAM	75	0	19.73	19.84	19.70		
15	256QAM	1	0	17.71	17.83	17.79		
15	256QAM	1	37	17.62	17.80	17.62	19	3.4
15	256QAM	1	74	17.65	17.77	17.77		
15	256QAM	36	0	17.71	17.87	17.81		
15	256QAM	36	20	17.75	17.77	17.76	19	3.4
15	256QAM	36	39	17.59	17.71	17.78		
15	256QAM	75	0	17.59	17.78	17.68		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	20.78	20.85	20.75		
10	QPSK	1	25	20.82	20.78	20.77	22.4	0
10	QPSK	1	49	20.73	20.83	20.67		
10	QPSK	25	0	20.69	20.75	20.79		
10	QPSK	25	12	20.76	20.83	20.76	22.4	0
10	QPSK	25	25	20.66	20.58	20.73		
10	QPSK	50	0	20.73	20.83	20.76		
10	16QAM	1	0	20.76	20.80	20.71		
10	16QAM	1	25	20.69	20.74	20.76	22.4	0
10	16QAM	1	49	20.68	20.80	20.65		
10	16QAM	25	0	20.72	20.78	20.77		
10	16QAM	25	12	20.69	20.82	20.77	22	0.4
10	16QAM	25	25	20.82	20.69	20.77		
10	16QAM	50	0	20.75	20.72	20.73		
10	64QAM	1	0	20.72	20.79	20.75		
10	64QAM	1	25	20.73	20.81	20.84	22	0.4
10	64QAM	1	49	20.82	20.78	20.83		
10	64QAM	25	0	19.69	19.75	19.74		
10	64QAM	25	12	19.58	19.79	19.69	21	1.4
10	64QAM	25	25	19.56	19.74	19.75		
10	64QAM	50	0	19.65	19.82	19.76		
10	256QAM	1	0	17.67	17.86	17.76		
10	256QAM	1	25	17.66	17.81	17.62	19	3.4
10	256QAM	1	49	17.63	17.82	17.69		
10	256QAM	25	0	17.72	17.77	17.77		
10	256QAM	25	12	17.81	17.75	17.77	19	3.4
10	256QAM	25	25	17.61	17.65	17.81		
10	256QAM	50	0	17.59	17.80	17.67		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	20.77	20.87	20.73		
5	QPSK	1	12	20.76	20.79	20.72	22.4	0
5	QPSK	1	24	20.74	20.79	20.71		
5	QPSK	12	0	20.68	20.73	20.69		
5	QPSK	12	7	20.78	20.85	20.71	22.4	0
5	QPSK	12	13	20.69	20.64	20.70		
5	QPSK	25	0	20.71	20.83	20.73		
5	16QAM	1	0	20.76	20.75	20.72		
5	16QAM	1	12	20.72	20.71	20.80	22.4	0
5	16QAM	1	24	20.71	20.74	20.73		
5	16QAM	12	0	20.70	20.72	20.74		
5	16QAM	12	7	20.72	20.77	20.79	22	0.4
5	16QAM	12	13	20.82	20.76	20.83		
5	16QAM	25	0	20.78	20.72	20.74		
5	64QAM	1	0	20.75	20.80	20.81		
5	64QAM	1	12	20.74	20.78	20.79	22	0.4
5	64QAM	1	24	20.74	20.82	20.79		
5	64QAM	12	0	19.66	19.79	19.68		
5	64QAM	12	7	19.55	19.74	19.63	21	1.4
5	64QAM	12	13	19.56	19.75	19.79		
5	64QAM	25	0	19.68	19.79	19.69		
5	256QAM	1	0	17.68	17.86	17.64		
5	256QAM	1	12	17.62	17.73	17.62	19	3.4
5	256QAM	1	24	17.58	17.83	17.68		
5	256QAM	12	0	17.75	17.85	17.72		
5	256QAM	12	7	17.78	17.77	17.71	19	3.4
5	256QAM	12	13	17.82	17.67	17.74		
5	256QAM	25	0	17.64	17.81	17.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42490	42990		
Frequency (MHz)				3460	3550	3540		
20	QPSK	1	0	22.49	22.52	22.46		
20	QPSK	1	49	22.43	22.39	22.45	23.9	0
20	QPSK	1	99	22.47	22.43	22.42		
20	QPSK	50	0	21.54	21.61	21.52		
20	QPSK	50	24	21.58	21.59	21.52	23	0.9
20	QPSK	50	50	21.60	21.53	21.50		
20	QPSK	100	0	21.57	21.59	21.54		
20	16QAM	1	0	21.53	21.55	21.50		
20	16QAM	1	49	21.60	21.51	21.54	23	0.9
20	16QAM	1	99	21.53	21.51	21.57		
20	16QAM	50	0	20.52	20.58	20.54		
20	16QAM	50	24	20.55	20.57	20.47	22	1.9
20	16QAM	50	50	20.53	20.55	20.53		
20	16QAM	100	0	20.56	20.51	20.51		
20	64QAM	1	0	20.54	20.57	20.53		
20	64QAM	1	49	20.57	20.58	20.48	22	1.9
20	64QAM	1	99	20.56	20.58	20.57		
20	64QAM	50	0	19.59	19.53	19.53		
20	64QAM	50	24	19.50	19.57	19.56	21	2.9
20	64QAM	50	50	19.49	19.55	19.58		
20	64QAM	100	0	19.61	19.58	19.51		
20	256QAM	1	0	17.54	17.58	17.52		
20	256QAM	1	49	17.61	17.59	17.50	19	4.9
20	256QAM	1	99	17.50	17.53	17.53		
20	256QAM	50	0	17.51	17.56	17.50		
20	256QAM	50	24	17.59	17.48	17.55	19	4.9
20	256QAM	50	50	17.57	17.50	17.51		
20	256QAM	100	0	17.59	17.52	17.51		
Channel				42190	42490	42815	Tune-up limit	MPR
Frequency (MHz)				3457.5	3550	3542.5	(dBm)	(dB)
15	QPSK	1	0	22.33	22.38	22.34		
15	QPSK	1	37	22.38	22.39	22.32	23.9	0
15	QPSK	1	74	22.32	22.37	22.35		
15	QPSK	36	0	21.41	21.49	21.46		
15	QPSK	36	20	21.45	21.42	21.48	23	0.9
15	QPSK	36	39	21.46	21.48	21.40		
15	QPSK	75	0	21.48	21.40	21.47		
15	16QAM	1	0	21.46	21.47	21.44		
15	16QAM	1	37	21.39	21.46	21.47	23	0.9
15	16QAM	1	74	21.49	21.48	21.46		
15	16QAM	36	0	20.47	20.47	20.42		
15	16QAM	36	20	20.44	20.42	20.37	22	1.9
15	16QAM	36	39	20.46	20.40	20.46		
15	16QAM	75	0	20.48	20.41	20.46		
15	64QAM	1	0	20.47	20.40	20.38		
15	64QAM	1	37	20.45	20.40	20.38	22	1.9
15	64QAM	1	74	20.43	20.46	20.47		
15	64QAM	36	0	19.51	19.43	19.41		
15	64QAM	36	20	19.45	19.47	19.37	21	2.9
15	64QAM	36	39	19.47	19.41	19.44		
15	64QAM	75	0	19.48	19.47	19.40		
15	256QAM	1	0	17.49	17.48	17.47		
15	256QAM	1	37	17.44	17.43	17.43	19	4.9
15	256QAM	1	74	17.44	17.39	17.40		
15	256QAM	36	0	17.46	17.39	17.47		
15	256QAM	36	20	17.49	17.41	17.43	19	4.9
15	256QAM	36	39	17.40	17.41	17.43		
15	256QAM	75	0	17.39	17.42	17.47		
Channel				42140	42490	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3550	3645	(dBm)	(dB)
10	QPSK	1	0	22.38	22.39	22.37		
10	QPSK	1	25	22.32	22.38	22.38	23.9	0
10	QPSK	1	49	22.33	22.38	22.27		
10	QPSK	25	0	21.44	21.38	21.46		
10	QPSK	25	12	21.49	21.38	21.46	23	0.9
10	QPSK	25	25	21.39	21.38	21.47		
10	QPSK	50	0	21.51	21.45	21.37		
10	16QAM	1	0	21.43	21.43	21.42		
10	16QAM	1	25	21.49	21.47	21.42	23	0.9
10	16QAM	1	49	21.47	21.48	21.45		
10	16QAM	25	0	20.42	20.41	20.38		
10	16QAM	25	12	20.40	20.48	20.38	22	1.9
10	16QAM	25	25	20.51	20.39	20.47		
10	16QAM	50	0	20.48	20.38	20.38		
10	64QAM	1	0	20.48	20.47	20.37		
10	64QAM	1	25	20.49	20.47	20.44	22	1.9
10	64QAM	1	49	20.41	20.43	20.45		
10	64QAM	25	0	19.40	19.42	19.43		
10	64QAM	25	12	19.41	19.41	19.46	21	2.9
10	64QAM	25	25	19.43	19.39	19.42		
10	64QAM	50	0	19.43	19.46	19.45		
10	256QAM	1	0	17.48	17.42	17.41		
10	256QAM	1	25	17.46	17.45	17.39	19	4.9
10	256QAM	1	49	17.40	17.40	17.48		
10	256QAM	25	0	17.47	17.40	17.38		
10	256QAM	25	12	17.46	17.45	17.42	19	4.9
10	256QAM	25	25	17.45	17.39	17.44		
10	256QAM	50	0	17.40	17.39	17.45		
Channel				42115	42490	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3550	3647.5	(dBm)	(dB)
5	QPSK	1	0	22.31	22.37	22.34		
5	QPSK	1	12	22.32	22.30	22.27	23.9	0
5	QPSK	1	24	22.30	22.31	22.33		
5	QPSK	12	0	21.50	21.42	21.39		
5	QPSK	12	7	21.49	21.45	21.39	23	0.9
5	QPSK	12	13	21.48	21.44	21.41		
5	QPSK	25	0	21.46	21.38	21.46		
5	16QAM	1	0	21.43	21.38	21.37		
5	16QAM	1	12	21.44	21.47	21.46	23	0.9
5	16QAM	1	24	21.44	21.43	21.41		
5	16QAM	12	0	20.47	20.43	20.43		
5	16QAM	12	7	20.44	20.43	20.37	22	1.9
5	16QAM	12	13	20.42	20.43	20.41		
5	16QAM	25	0	20.39	20.40	20.38		
5	64QAM	1	0	20.50	20.44	20.41		
5	64QAM	1	12	20.49	20.46	20.40	22	1.9
5	64QAM	1	24	20.48	20.44	20.40		
5	64QAM	12	0	19.39	19.37	19.39		
5	64QAM	12	7	19.43	19.39	19.38	21	2.9
5	64QAM	12	13	19.48	19.42	19.39		
5	64QAM	25	0	19.43	19.45	19.40		
5	256QAM	1	0	17.50	17.49	17.40		
5	256QAM	1	12	17.41	17.46	17.42	19	4.9
5	256QAM	1	24	17.49	17.42	17.44		
5	256QAM	12	0	17.40	17.39	17.42		
5	256QAM	12	7	17.46	17.49	17.40	19	4.9
5	256QAM	12	13	17.47	17.40	17.37		
5	256QAM	25	0	17.50	17.43	17.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.86	21.01	20.86		
20	QPSK	1	49	20.90	20.98	20.89	22.4	0
20	QPSK	1	99	20.85	20.92	20.95		
20	QPSK	50	0	20.93	20.98	20.88		
20	QPSK	50	24	20.86	20.92	20.94	22.4	0
20	QPSK	50	50	20.88	20.97	20.86		
20	QPSK	100	0	20.90	20.95	20.87		
20	16QAM	1	0	20.86	20.97	20.89		
20	16QAM	1	49	20.86	20.98	20.92	22.4	0
20	16QAM	1	99	20.86	20.95	20.88		
20	16QAM	50	0	20.91	20.97	20.95		
20	16QAM	50	24	20.95	21.00	20.88	22.4	0
20	16QAM	50	50	20.90	20.96	20.91		
20	16QAM	100	0	20.88	20.89	20.93		
20	64QAM	1	0	20.94	20.97	20.91		
20	64QAM	1	49	20.94	20.99	20.85	22.4	0
20	64QAM	1	99	20.85	20.97	20.85		
20	64QAM	50	0	20.52	20.53	20.55		
20	64QAM	50	24	20.53	20.51	20.52	22	0.4
20	64QAM	50	50	20.47	20.57	20.50		
20	64QAM	100	0	20.54	20.55	20.48		
20	256QAM	1	0	18.55	18.58	18.55		
20	256QAM	1	49	18.54	18.51	18.50	20	2.4
20	256QAM	1	99	18.51	18.57	18.49		
20	256QAM	50	0	18.44	18.52	18.49		
20	256QAM	50	24	18.47	18.52	18.47	20	2.4
20	256QAM	50	50	18.51	18.52	18.55		
20	256QAM	100	0	18.49	18.53	18.45		
Channel				43490	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.85	20.87	20.76		
15	QPSK	1	37	20.78	20.80	20.74	22.4	0
15	QPSK	1	74	20.77	20.85	20.84		
15	QPSK	36	0	20.81	20.84	20.76		
15	QPSK	36	20	20.84	20.85	20.85	22.4	0
15	QPSK	36	39	20.73	20.87	20.75		
15	QPSK	75	0	20.75	20.87	20.86		
15	16QAM	1	0	20.76	20.85	20.76		
15	16QAM	1	37	20.82	20.88	20.83	22.4	0
15	16QAM	1	74	20.75	20.81	20.78		
15	16QAM	36	0	20.83	20.81	20.85		
15	16QAM	36	20	20.73	20.83	20.78	22.4	0
15	16QAM	36	39	20.76	20.80	20.81		
15	16QAM	75	0	20.84	20.91	20.77		
15	64QAM	1	0	20.83	20.88	20.79		
15	64QAM	1	37	20.83	20.83	20.85	22.4	0
15	64QAM	1	74	20.82	20.89	20.76		
15	64QAM	36	0	20.33	20.39	20.36		
15	64QAM	36	20	20.45	20.46	20.44	22	0.4
15	64QAM	36	39	20.42	20.47	20.39		
15	64QAM	75	0	20.43	20.48	20.36		
15	256QAM	1	0	18.40	18.41	18.45		
15	256QAM	1	37	18.45	18.42	18.37	20	2.4
15	256QAM	1	74	18.36	18.43	18.43		
15	256QAM	36	0	18.38	18.42	18.45		
15	256QAM	36	20	18.43	18.45	18.45	20	2.4
15	256QAM	36	39	18.40	18.48	18.42		
15	256QAM	75	0	18.36	18.41	18.38		
Channel				43440	44090	44740	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	20.81	20.87	20.85		
10	QPSK	1	25	20.75	20.82	20.77	22.4	0
10	QPSK	1	49	20.84	20.80	20.75		
10	QPSK	25	0	20.77	20.82	20.77		
10	QPSK	25	12	20.84	20.87	20.84	22.4	0
10	QPSK	25	25	20.75	20.81	20.81		
10	QPSK	50	0	20.84	20.83	20.74		
10	16QAM	1	0	20.78	20.86	20.78		
10	16QAM	1	25	20.79	20.87	20.81	22.4	0
10	16QAM	1	49	20.81	20.91	20.78		
10	16QAM	25	0	20.73	20.83	20.76		
10	16QAM	25	12	20.74	20.89	20.76	22.4	0
10	16QAM	25	25	20.74	20.84	20.76		
10	16QAM	50	0	20.73	20.82	20.76		
10	64QAM	1	0	20.83	20.90	20.85		
10	64QAM	1	25	20.79	20.89	20.82	22.4	0
10	64QAM	1	49	20.77	20.90	20.81		
10	64QAM	25	0	20.41	20.41	20.44		
10	64QAM	25	12	20.37	20.46	20.44	22	0.4
10	64QAM	25	25	20.36	20.46	20.36		
10	64QAM	50	0	20.34	20.49	20.42		
10	256QAM	1	0	18.40	18.40	18.37		
10	256QAM	1	25	18.40	18.40	18.40	20	2.4
10	256QAM	1	49	18.37	18.46	18.41		
10	256QAM	25	0	18.41	18.43	18.40		
10	256QAM	25	12	18.35	18.48	18.40	20	2.4
10	256QAM	25	25	18.36	18.48	18.42		
10	256QAM	50	0	18.39	18.49	18.42		
Channel				43415	44090	44765	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.83	20.82	20.78		
5	QPSK	1	12	20.83	20.86	20.76	22.4	0
5	QPSK	1	24	20.81	20.87	20.75		
5	QPSK	12	0	20.79	20.87	20.85		
5	QPSK	12	7	20.83	20.83	20.84	22.4	0
5	QPSK	12	13	20.79	20.89	20.75		
5	QPSK	25	0	20.78	20.85	20.75		
5	16QAM	1	0	20.73	20.79	20.86		
5	16QAM	1	12	20.77	20.84	20.78	22.4	0
5	16QAM	1	24	20.77	20.83	20.84		
5	16QAM	12	0	20.77	20.87	20.82		
5	16QAM	12	7	20.75	20.91	20.79	22.4	0
5	16QAM	12	13	20.80	20.90	20.84		
5	16QAM	25	0	20.83	20.90	20.81		
5	64QAM	1	0	20.77	20.84	20.79		
5	64QAM	1	12	20.79	20.87	20.77	22.4	0
5	64QAM	1	24	20.79	20.79	20.77		
5	64QAM	12	0	20.43	20.45	20.40		
5	64QAM	12	7	20.39	20.39	20.38	22	0.4
5	64QAM	12	13	20.37	20.47	20.43		
5	64QAM	25	0	20.38	20.47	20.37		
5	256QAM	1	0	18.34	18.51	18.40		
5	256QAM	1	12	18.37	18.49	18.37	20	2.4
5	256QAM	1	24	18.37	18.41	18.38		
5	256QAM	12	0	18.40	18.45	18.34		
5	256QAM	12	7	18.44	18.41	18.39	20	2.4
5	256QAM	12	13	18.42	18.50	18.36		
5	256QAM	25	0	18.40	18.51	18.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.01	21.08	21.00	21.07		
20	QPSK	1	49	20.98	21.03	20.94	20.99	22.4	0
20	QPSK	1	99	20.94	21.01	20.95	20.96		
20	QPSK	50	0	20.95	21.05	20.99	21.04		
20	QPSK	50	24	20.91	21.00	20.97	21.04	22.4	0
20	QPSK	50	50	20.92	20.97	21.03	20.99		
20	QPSK	100	0	21.01	21.03	20.93	21.02		
20

Band 42 Ant 5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.48	22.49	22.41	23.4	0
20	QPSK	1	49	22.39	22.42	22.33		
20	QPSK	1	99	22.45	22.39	22.36		
20	QPSK	50	0	21.49	21.55	21.38	23	0.4
20	QPSK	50	24	21.41	21.45	21.37		
20	QPSK	50	50	21.49	21.35	21.34		
20	QPSK	100	0	21.50	21.53	21.41		
20	16QAM	1	0	21.43	21.52	21.36		
20	16QAM	1	49	21.44	21.42	21.27	23	0.4
20	16QAM	1	99	21.49	21.37	21.37		
20	16QAM	50	0	20.45	20.59	20.36	22	1.4
20	16QAM	50	24	20.40	20.51	20.37		
20	16QAM	50	50	20.46	20.29	20.36		
20	64QAM	100	0	20.47	20.57	20.39		
20	64QAM	1	0	20.42	20.49	20.36	22	1.4
20	64QAM	1	49	20.40	20.44	20.24		
20	64QAM	1	99	20.53	20.38	20.32		
20	64QAM	50	0	19.49	19.53	19.33	21	2.4
20	64QAM	50	24	19.40	19.43	19.33		
20	64QAM	50	50	19.52	19.29	19.37		
20	64QAM	100	0	19.56	19.57	19.39		
20	256QAM	1	0	17.48	17.51	17.33	19	4.4
20	256QAM	1	49	17.42	17.47	17.38		
20	256QAM	1	99	17.46	17.37	17.28		
20	256QAM	50	0	17.53	17.56	17.44		
20	256QAM	50	24	17.39	17.58	17.36		
20	256QAM	50	50	17.49	17.45	17.26		
20	256QAM	100	0	17.44	17.34	17.31		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.35	22.40	22.28	23.4	0
15	QPSK	1	37	22.30	22.28	22.23		
15	QPSK	1	74	22.32	22.29	22.30		
15	QPSK	36	0	21.36	21.42	21.28	23	0.4
15	QPSK	36	20	21.35	21.35	21.34		
15	QPSK	36	39	21.43	21.32	21.26		
15	QPSK	75	0	21.49	21.50	21.35		
15	16QAM	1	0	21.40	21.38	21.25		
15	16QAM	1	37	21.35	21.30	21.15	23	0.4
15	16QAM	1	74	21.44	21.30	21.27		
15	16QAM	36	0	20.42	20.53	20.26		
15	16QAM	36	20	20.33	20.42	20.32	22	1.4
15	16QAM	36	39	20.36	20.23	20.32		
15	16QAM	75	0	20.37	20.49	20.26		
15	64QAM	1	0	20.38	20.39	20.29	22	1.4
15	64QAM	1	37	20.27	20.36	20.13		
15	64QAM	1	74	20.43	20.24	20.20		
15	64QAM	36	0	19.45	19.51	19.24	21	2.4
15	64QAM	36	20	19.29	19.38	19.23		
15	64QAM	36	39	19.41	19.20	19.24		
15	64QAM	75	0	19.43	19.49	19.30		
15	256QAM	1	0	17.37	17.39	17.27	19	4.4
15	256QAM	1	37	17.39	17.38	17.31		
15	256QAM	1	74	17.38	17.26	17.21		
15	256QAM	36	0	17.48	17.45	17.37	19	4.4
15	256QAM	36	20	17.29	17.48	17.32		
15	256QAM	36	39	17.45	17.42	17.18		
15	256QAM	75	0	17.38	17.22	17.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.36	22.46	22.37	23.4	0
10	QPSK	1	25	22.36	22.38	22.27		
10	QPSK	1	49	22.41	22.38	22.22		
10	QPSK	25	0	21.45	21.41	21.26	23	0.4
10	QPSK	25	12	21.31	21.36	21.24		
10	QPSK	25	25	21.45	21.29	21.28		
10	QPSK	50	0	21.46	21.49	21.27		
10	16QAM	1	0	21.37	21.40	21.24	23	0.4
10	16QAM	1	25	21.33	21.39	21.24		
10	16QAM	1	49	21.41	21.35	21.24		
10	16QAM	25	0	20.32	20.46	20.26	22	1.4
10	16QAM	25	12	20.27	20.39	20.33		
10	16QAM	25	25	20.33	20.24	20.30		
10	16QAM	50	0	20.36	20.49	20.34		
10	64QAM	1	0	20.31	20.45	20.26	22	1.4
10	64QAM	1	25	20.37	20.34	20.21		
10	64QAM	1	49	20.42	20.29	20.23		
10	64QAM	25	0	19.44	19.50	19.24	21	2.4
10	64QAM	25	12	19.30	19.40	19.29		
10	64QAM	25	25	19.44	19.24	19.26		
10	64QAM	50	0	19.51	19.46	19.29		
10	256QAM	1	0	17.43	17.41	17.30	19	4.4
10	256QAM	1	25	17.38	17.36	17.26		
10	256QAM	1	49	17.42	17.29	17.17		
10	256QAM	25	0	17.45	17.41	17.31	19	4.4
10	256QAM	25	12	17.29	17.55	17.31		
10	256QAM	25	25	17.35	17.36	17.18		
10	256QAM	50	0	17.33	17.36	17.22		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.37	22.43	22.36	23.4	0
5	QPSK	1	12	22.36	22.35	22.30		
5	QPSK	1	24	22.32	22.33	22.25		
5	QPSK	12	0	21.46	21.48	21.29	23	0.4
5	QPSK	12	7	21.35	21.32	21.26		
5	QPSK	12	13	21.37	21.25	21.30		
5	QPSK	25	0	21.44	21.40	21.35		
5	16QAM	1	0	21.39	21.41	21.25	23	0.4
5	16QAM	1	12	21.39	21.28	21.14		
5	16QAM	1	24	21.47	21.27	21.29		
5	16QAM	12	0	20.34	20.57	20.27	22	1.4
5	16QAM	12	7	20.38	20.47	20.23		
5	16QAM	12	13	20.39	20.18	20.29		
5	16QAM	25	0	20.38	20.50	20.33		
5	64QAM	1	0	20.28	20.38	20.26	22	1.4
5	64QAM	1	12	20.37	20.31	20.17		
5	64QAM	1	24	20.46	20.25	20.25		
5	64QAM	12	0	19.44	19.42	19.24	21	2.4
5	64QAM	12	7	19.40	19.33	19.23		
5	64QAM	12	13	19.39	19.22	19.27		
5	64QAM	25	0	19.48	19.47	19.36		
5	256QAM	1	0	17.40	17.43	17.31	19	4.4
5	256QAM	1	12	17.40	17.27	17.28		
5	256QAM	1	24	17.33	17.33	17.15		
5	256QAM	12	0	17.39	17.53	17.42	19	4.4
5	256QAM	12	7	17.31	17.50	17.27		
5	256QAM	12	13	17.40	17.35	17.23		
5	256QAM	25	0	17.36	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.08	22.13	22.05	23	0
20	QPSK	1	49	21.95	22.10	22.00		
20	QPSK	1	99	21.95	22.08	21.98		
20	QPSK	50	0	21.03	21.18	21.09	22	1
20	QPSK	50	24	20.93	21.08	20.99		
20	QPSK	50	50	20.99	21.03	20.93		
20	QPSK	100	0	21.11	21.16	21.04		
20	16QAM	1	0	21.05	21.12	21.07	22	1
20	16QAM	1	49	20.90	21.12	21.00		
20	16QAM	1	99	20.93	21.11	20.99		
20	16QAM	50	0	20.04	20.12	20.11	21	2
20	16QAM	50	24	19.95	20.03	20.02		
20	16QAM	50	50	20.03	20.05	19.95		
20	16QAM	100	0	20.14	20.12	20.02		
20	64QAM	1	0	20.00	20.11	20.03	21	2
20	64QAM	1	49	19.86	20.07	20.05		
20	64QAM	1	99	19.88	20.13	19.96		
20	64QAM	50	0	19.03	19.13	19.05	20	3
20	64QAM	50	24	18.88	19.13	18.97		
20	64QAM	50	50	18.97	18.98	18.91		
20	64QAM	100	0	19.16	19.15	19.02		
20	256QAM	1	0	17.05	17.19	17.11	18	5
20	256QAM	1	49	16.95	17.07	17.02		
20	256QAM	1	99	16.98	17.03	16.94		
20	256QAM	50	0	17.11	17.13	17.05	18	5
20	256QAM	50	24	17.05	17.07	17.11		
20	256QAM	50	50	16.86	17.13	17.02		
20	256QAM	100	0	16.89	17.16	16.93		
Channel				42108	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.95	21.99	21.96	23	0
15	QPSK	1	37	21.91	22.03	21.89		
15	QPSK	1	74	21.85	21.94	21.87		
15	QPSK	36	0	20.99	21.06	21.02	22	1
15	QPSK	36	20	20.81	20.99	20.94		
15	QPSK	36	39	20.96	20.93	20.90		
15	QPSK	75	0	21.05	21.07	20.91		
15	16QAM	1	0	20.94	21.09	20.98	22	1
15	16QAM	1	37	20.81	21.07	20.89		
15	16QAM	1	74	20.88	21.04	20.90		
15	16QAM	36	0	19.97	20.03	19.98	21	2
15	16QAM	36	20	19.88	19.99	19.96		
15	16QAM	36	39	19.90	20.01	19.92		
15	16QAM	75	0	20.09	19.99	19.91		
15	64QAM	1	0	19.94	19.98	19.92	21	2
15	64QAM	1	37	19.79	20.02	19.92		
15	64QAM	1	74	19.77	20.05	19.88		
15	64QAM	36	0	18.96	18.99	18.97	20	3
15	64QAM	36	20	18.86	19.06	18.85		
15	64QAM	36	39	18.96	18.92	18.85		
15	64QAM	75	0	19.09	19.13	18.98		
15	256QAM	1	0	17.01	17.13	17.08	18	5
15	256QAM	1	37	16.90	16.96	16.96		
15	256QAM	1	74	16.88	16.99	16.86		
15	256QAM	36	0	17.02	17.02	16.93	18	5
15	256QAM	36	20	17.03	17.12	17.05		
15	256QAM	36	39	16.76	17.10	16.90		
15	256QAM	75	0	16.85	17.09	16.89		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.99	22.10	22.01	23	0
10	QPSK	1	25	21.82	22.03	21.87		
10	QPSK	1	49	21.83	22.03	21.85		
10	QPSK	25	0	20.89	21.07	21.07	22	1
10	QPSK	25	12	20.86	21.01	20.92		
10	QPSK	25	25	20.85	20.97	20.84		
10	QPSK	50	0	21.00	21.02	21.02		
10	16QAM	1	0	20.94	21.01	20.95	22	1
10	16QAM	1	25	20.83	21.04	20.94		
10	16QAM	1	49	20.87	21.03	20.91		
10	16QAM	25	0	19.93	19.99	20.08	21	2
10	16QAM	25	12	19.88	20.00	19.89		
10	16QAM	25	25	19.90	19.99	19.84		
10	16QAM	50	0	20.12	20.10	19.98		
10	64QAM	1	0	19.90	20.02	19.97	21	2
10	64QAM	1	25	19.81	20.01	19.97		
10	64QAM	1	49	19.75	20.08	19.89		
10	64QAM	25	0	18.90	19.01	18.93	20	3
10	64QAM	25	12	18.84	19.03	18.91		
10	64QAM	25	25	18.87	18.93	18.86		
10	64QAM	50	0	19.06	19.01	18.98		
10	256QAM	1	0	17.03	17.09	16.97	18	5
10	256QAM	1	25	16.88	17.00	16.91		
10	256QAM	1	49	16.85	16.92	16.86		
10	256QAM	25	0	17.01	17.11	16.91	18	5
10	256QAM	25	12	16.94	17.01	17.05		
10	256QAM	25	25	16.78	17.06	16.94		
10	256QAM	50	0	16.81	17.05	16.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.96	22.01	21.93	23	0
5	QPSK	1	12	21.92	21.99	21.94		
5	QPSK	1	24	21.84	22.03	21.96		
5	QPSK	12	0	20.94	21.06	21.00	22	1
5	QPSK	12	7	20.83	21.00	20.98		
5	QPSK	12	13	20.88	20.90	20.84		
5	QPSK	25	0	21.00	21.05	21.02		
5	16QAM	1	0	21.01	20.99	21.02	22	1
5	16QAM	1	12	20.82	21.05	20.96		
5	16QAM	1	24	20.92	20.96	20.96		
5	16QAM	12	0	20.01	20.02	20.08	21	2
5	16QAM	12	7	19.92	19.96	19.99		
5	16QAM	12	13	19.91	20.00	19.88		
5	16QAM	25	0	20.07	20.00	19.95		
5	64QAM	1	0	19.87	19.99	19.94	21	2
5	64QAM	1	12	19.73	20.01	19.91		
5	64QAM	1	24	19.83	20.01	19.84		
5	64QAM	12	0	19.00	19.01	18.93	20	3
5	64QAM	12	7	18.85	19.07	18.94		
5	64QAM	12	13	18.87	18.96	18.79		
5	64QAM	25	0	19.06	19.10	18.97		
5	256QAM	1	0	17.00	17.14	17.06	18	5
5	256QAM	1	12	16.82	17.00	16.96		
5	256QAM	1	24	16.88	16.99	16.92		
5	256QAM	12	0	16.99	17.00	16.96	18	5
5	256QAM	12	7	16.92	16.97	17.07		
5	256QAM	12	13	16.75	17.09	16.98		
5	256QAM	25	0	16.82	17.09	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.57	22.59	22.51	23.4	0
20	QPSK	1	49	22.52	22.57	22.41		
20	QPSK	1	99	22.43	22.55	22.37		
20	QPSK	50	0	21.58	21.80	21.50	23	0.4
20	QPSK	50	24	21.55	21.58	21.50		
20	QPSK	50	50	21.40	21.51	21.38		
20	QPSK	100	0	21.53	21.58	21.51		
20	16QAM	1	0	21.53	21.56	21.49	23	0.4
20	16QAM	1	49	21.54	21.51	21.46		
20	16QAM	1	99	21.41	21.60	21.32		
20	16QAM	50	0	20.60	20.63	20.46	22	1.4
20	16QAM	50	24	20.55	20.54	20.48		
20	16QAM	50	50	20.35	20.51	20.36		
20	16QAM	100	0	20.61	20.59	20.56		
20	64QAM	1	0	20.47	20.56	20.52	22	1.4
20	64QAM	1	49	20.58	20.56	20.49		
20	64QAM	1	99	20.45	20.65	20.34		
20	64QAM	50	0	19.61	19.58	19.44	21	2.4
20	64QAM	50	24	19.54	19.60	19.44		
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.63	19.60	19.53		
20	256QAM	1	0	17.47	17.64	17.51	19	4.4
20	256QAM	1	49	17.52	17.62	17.55		
20	256QAM	1	99	17.36	17.56	17.42		
20	256QAM	50	0	17.54	17.64	17.47	19	4.4
20	256QAM	50	24	17.50	17.54	17.52		
20	256QAM	50	50	17.56	17.53	17.51		
20	256QAM	100	0	17.38	17.62	17.31		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.50	22.47	22.43	23.4	0
15	QPSK	1	37	22.44	22.49	22.41		
15	QPSK	1	74	22.30	22.44	22.27		
15	QPSK	36	0	21.51	21.53	21.44	23	0.4
15	QPSK	36	20	21.49	21.48	21.39		
15	QPSK	36	39	21.29	21.44	21.26		
15	QPSK	75	0	21.44	21.52	21.44		
15	16QAM	1	0	21.40	21.54	21.42	23	0.4
15	16QAM	1	37	21.47	21.39	21.43		
15	16QAM	1	74	21.35	21.55	21.19		
15	16QAM	36	0	20.51	20.59	20.43	22	1.4
15	16QAM	36	20	20.46	20.47	20.40		
15	16QAM	36	39	20.28	20.42	20.26		
15	16QAM	75	0	20.53	20.53	20.43		
15	64QAM	1	0	20.34	20.49	20.41	22	1.4
15	64QAM	1	37	20.46	20.47	20.42		
15	64QAM	1	74	20.43	20.61	20.29		
15	64QAM	36	0	19.53	19.52	19.31	21	2.4
15	64QAM	36	20	19.43	19.51	19.41		
15	64QAM	36	39	19.31	19.39	19.30		
15	64QAM	75	0	19.57	19.57	19.42		
15	256QAM	1	0	17.48	17.58	17.44	19	4.4
15	256QAM	1	37	17.44	17.51	17.46		
15	256QAM	1	74	17.29	17.50	17.39		
15	256QAM	36	0	17.42	17.61	17.42	19	4.4
15	256QAM	36	20	17.42	17.42	17.47		
15	256QAM	36	39	17.44	17.40	17.37		
15	256QAM	75	0	17.25	17.40	17.19		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.48	22.48	22.39	23.4	0
10	QPSK	1	25	22.38	22.51	22.36		
10	QPSK	1	49	22.37	22.42	22.27		
10	QPSK	25	0	21.57	21.56	21.42	23	0.4
10	QPSK	25	12	21.45	21.49	21.46		
10	QPSK	25	25	21.34	21.47	21.34		
10	QPSK	50	0	21.47	21.45	21.38		
10	16QAM	1	0	21.44	21.48	21.42	23	0.4
10	16QAM	1	25	21.43	21.39	21.44		
10	16QAM	1	49	21.34	21.52	21.27		
10	16QAM	25	0	20.49	20.58	20.44	22	1.4
10	16QAM	25	12	20.48	20.42	20.41		
10	16QAM	25	25	20.30	20.37	20.26		
10	16QAM	50	0	20.52	20.48	20.47		
10	64QAM	1	0	20.34	20.50	20.47	22	1.4
10	64QAM	1	25	20.50	20.51	20.40		
10	64QAM	1	49	20.38	20.55	20.21		
10	64QAM	25	0	19.55	19.51	19.36	21	2.4
10	64QAM	25	12	19.51	19.49	19.31		
10	64QAM	25	25	19.26	19.42	19.36		
10	64QAM	50	0	19.50	19.50	19.49		
10	256QAM	1	0	17.49	17.60	17.45	19	4.4
10	256QAM	1	25	17.46	17.56	17.52		
10	256QAM	1	49	17.29	17.42	17.33		
10	256QAM	25	0	17.41	17.61	17.36	19	4.4
10	256QAM	25	12	17.41	17.44	17.45		
10	256QAM	25	25	17.45	17.45	17.46		
10	256QAM	50	0	17.26	17.59	17.22		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.48	22.54	22.47	23.4	0
5	QPSK	1	12	22.43	22.48	22.35		
5	QPSK	1	24	22.32	22.46	22.27		
5	QPSK	12	0	21.48	21.53	21.39	23	0.4
5	QPSK	12	7	21.53	21.49	21.47		
5	QPSK	12	13	21.26	21.42	21.28		
5	QPSK	25	0	21.48	21.48	21.38		
5	16QAM	1	0	21.40	21.45	21.36	23	0.4
5	16QAM	1	12	21.43	21.45	21.32		
5	16QAM	1	24	21.32	21.55	21.23		
5	16QAM	12	0	20.50	20.58	20.36	22	1.4
5	16QAM	12	7	20.47	20.42	20.36		
5	16QAM	12	13	20.22	20.40	20.30		
5	16QAM	25	0	20.58	20.52	20.51		
5	64QAM	1	0	20.40	20.45	20.40	22	1.4
5	64QAM	1	12	20.47	20.53	20.41		
5	64QAM	1	24	20.42	20.56	20.26		
5	64QAM	12	0	19.50	19.49	19.40	21	2.4
5	64QAM	12	7	19.46	19.49	19.32		
5	64QAM	12	13	19.27	19.44	19.32		
5	64QAM	25	0	19.57	19.51	19.40		
5	256QAM	1	0	17.53	17.57	17.41	19	4.4
5	256QAM	1	12	17.43	17.53	17.45		
5	256QAM	1	24	17.25	17.45	17.34		
5	256QAM	12	0	17.43	17.57	17.42	19	4.4
5	256QAM	12	7	17.37	17.48	17.39		
5	256QAM	12	13	17.47	17.46	17.45		
5	256QAM	25	0	17.35	17.55	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.57	22.63	22.52	22.60	23.4	0
20	QPSK	1	49	22.52	22.59	22.47	22.49		
20	QPSK	1	99	22.44	22.57	22.48	22.55		
20	QPSK	50	0	21.51	21.83	21.51	21.54	23	0.4
20	QPSK	50	24	21.56	21.56	21.53	21.46		
20	QPSK	50	50	21.42	21.59	21.53	21.50		
20	QPSK	100	0	21.51	21.81	21.46	21.58		
20	16QAM	1	0	21.56	21.58	21.55	21.54	23	0.4
20	16QAM	1	49	21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	19.88	19.99	19.88		
20	QPSK	1	49	19.88	19.97	19.84	21.3	0
20	QPSK	1	99	19.84	19.85	19.88		
20	QPSK	50	0	19.87	19.95	19.89		
20	QPSK	50	24	19.84	19.86	19.83	21.3	0
20	QPSK	50	50	19.88	19.88	19.82		
20	QPSK	100	0	19.86	19.94	19.91		
20	16QAM	1	0	19.84	19.87	19.92		
20	16QAM	1	49	19.88	19.85	19.92	21.3	0
20	16QAM	1	99	19.94	19.89	19.89		
20	16QAM	50	0	19.93	19.95	19.93		
20	16QAM	50	24	19.88	19.89	19.94	21.3	0
20	16QAM	50	50	19.91	19.87	19.85		
20	16QAM	100	0	19.87	19.91	19.86		
20	64QAM	1	0	19.85	19.97	19.94		
20	64QAM	1	49	19.88	19.89	19.84	21.3	0
20	64QAM	1	99	19.84	19.88	19.90		
20	64QAM	50	0	19.85	19.87	19.90		
20	64QAM	50	24	19.93	19.96	19.87	21.3	0
20	64QAM	50	50	19.92	19.89	19.83		
20	64QAM	100	0	19.92	19.91	19.85		
20	256QAM	1	0	18.16	18.21	18.14		
20	256QAM	1	49	18.00	18.18	18.07	19	2.3
20	256QAM	1	99	17.88	18.11	17.99		
20	256QAM	50	0	18.00	18.13	18.08		
20	256QAM	50	24	18.03	18.12	18.13	19	2.3
20	256QAM	50	50	18.02	18.22	18.09		
20	256QAM	100	0	17.91	18.11	18.12		
Channel				43190	43340	43315	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	19.89	19.95	19.86		
15	QPSK	1	37	19.91	19.96	19.91	21.3	0
15	QPSK	1	74	19.91	19.92	19.85		
15	QPSK	36	0	19.86	19.87	19.94		
15	QPSK	36	20	19.83	19.86	19.91	21.3	0
15	QPSK	36	39	19.93	19.94	19.85		
15	QPSK	75	0	19.84	19.92	19.93		
15	16QAM	1	0	19.84	19.86	19.88		
15	16QAM	1	37	19.85	19.87	19.86	21.3	0
15	16QAM	1	74	19.83	19.88	19.91		
15	16QAM	36	0	19.84	19.86	19.84		
15	16QAM	36	20	19.91	19.92	19.87	21.3	0
15	16QAM	36	39	19.83	19.95	19.86		
15	16QAM	75	0	19.93	19.95	19.89		
15	64QAM	1	0	19.89	19.88	19.89		
15	64QAM	1	37	19.90	19.90	19.82	21.3	0
15	64QAM	1	74	19.87	19.95	19.85		
15	64QAM	36	0	19.92	19.93	19.87		
15	64QAM	36	20	19.91	19.85	19.84	21.3	0
15	64QAM	36	39	19.89	19.92	19.90		
15	64QAM	75	0	19.92	19.95	19.93		
15	256QAM	1	0	18.03	18.10	18.08		
15	256QAM	1	37	17.88	18.07	18.00	19	2.3
15	256QAM	1	74	17.75	18.09	17.95		
15	256QAM	36	0	17.86	18.03	17.98		
15	256QAM	36	20	17.98	18.06	18.00	19	2.3
15	256QAM	36	39	17.94	18.14	18.07		
15	256QAM	75	0	17.86	18.05	18.01		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	19.90	19.90	19.88		
10	QPSK	1	25	19.84	19.88	19.85	21.3	0
10	QPSK	1	49	19.89	19.88	19.93		
10	QPSK	25	0	19.90	19.93	19.93		
10	QPSK	25	12	19.91	19.86	19.90	21.3	0
10	QPSK	25	25	19.90	19.86	19.87		
10	QPSK	50	0	19.92	19.86	19.85		
10	16QAM	1	0	19.86	19.85	19.83		
10	16QAM	1	25	19.88	19.88	19.88	21.3	0
10	16QAM	1	49	19.94	19.91	19.85		
10	16QAM	25	0	19.87	19.89	19.90		
10	16QAM	25	12	19.93	19.97	19.89	21.3	0
10	16QAM	25	25	19.88	19.96	19.82		
10	16QAM	50	0	19.88	19.95	19.85		
10	64QAM	1	0	19.94	19.95	19.87		
10	64QAM	1	25	19.82	19.96	19.90	21.3	0
10	64QAM	1	49	19.92	19.96	19.82		
10	64QAM	25	0	19.83	19.90	19.85		
10	64QAM	25	12	19.91	19.91	19.85	21.3	0
10	64QAM	25	25	19.83	19.94	19.83		
10	64QAM	50	0	19.93	19.95	19.87		
10	256QAM	1	0	18.10	18.15	18.10		
10	256QAM	1	25	17.96	18.05	17.99	19	2.3
10	256QAM	1	49	17.77	18.00	17.96		
10	256QAM	25	0	17.87	18.03	17.97		
10	256QAM	25	12	18.01	18.02	18.01	19	2.3
10	256QAM	25	25	17.90	18.14	17.96		
10	256QAM	50	0	17.99	18.00	17.96		
Channel				43113	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	19.86	19.93	19.89		
5	QPSK	1	12	19.90	19.89	19.84	21.3	0
5	QPSK	1	24	19.85	19.95	19.84		
5	QPSK	12	0	19.89	19.85	19.88		
5	QPSK	12	7	19.83	19.97	19.84	21.3	0
5	QPSK	12	13	19.82	19.92	19.86		
5	QPSK	25	0	19.93	19.90	19.92		
5	16QAM	1	0	19.94	19.86	19.85		
5	16QAM	1	12	19.92	19.95	19.87	21.3	0
5	16QAM	1	24	19.88	19.87	19.94		
5	16QAM	12	0	19.87	19.92	19.94		
5	16QAM	12	7	19.92	19.97	19.91	21.3	0
5	16QAM	12	13	19.92	19.86	19.93		
5	16QAM	25	0	19.83	19.90	19.92		
5	64QAM	1	0	19.94	19.91	19.85		
5	64QAM	1	12	19.91	19.85	19.83	21.3	0
5	64QAM	1	24	19.82	19.91	19.88		
5	64QAM	12	0	19.89	19.93	19.83		
5	64QAM	12	7	19.90	19.86	19.93	21.3	0
5	64QAM	12	13	19.82	19.91	19.88		
5	64QAM	25	0	19.85	19.89	19.86		
5	256QAM	1	0	18.13	18.14	18.07		
5	256QAM	1	12	17.94	18.11	17.99	19	2.3
5	256QAM	1	24	17.78	17.98	17.96		
5	256QAM	12	0	17.88	18.05	18.03		
5	256QAM	12	7	17.93	17.98	18.09	19	2.3
5	256QAM	12	13	17.91	18.17	18.02		
5	256QAM	25	0	17.86	18.08	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42490	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.84	20.96	20.95		
20	QPSK	1	49	20.87	20.81	20.92	22.3	0
20	QPSK	1	99	20.91	20.84	20.93		
20	QPSK	50	0	20.89	20.92	20.88		
20	QPSK	50	24	20.90	20.88	20.90	22.3	0
20	QPSK	50	50	20.89	20.78	20.91		
20	QPSK	100	0	20.81	20.88	20.86		
20	16QAM	1	0	20.79	20.76	20.87		
20	16QAM	1	49	20.82	20.86	20.88	22.3	0
20	16QAM	1	99	20.91	20.80	20.87		
20	16QAM	50	0	20.55	20.47	20.57		
20	16QAM	50	24	20.51	20.56	20.57	22	0.3
20	16QAM	50	50	20.58	20.50	20.68		
20	16QAM	100	0	20.54	20.54	20.59		
20	64QAM	1	0	20.52	20.51	20.67		
20	64QAM	1	49	20.58	20.48	20.61	22	0.3
20	64QAM	1	99	20.61	20.52	20.68		
20	64QAM	50	0	19.51	19.48	19.63		
20	64QAM	50	24	19.50	19.47	19.61	21	1.3
20	64QAM	50	50	19.59	19.46	19.64		
20	64QAM	100	0	19.55	19.47	19.67		
20	256QAM	1	0	17.53	17.47	17.59		
20	256QAM	1	49	17.61	17.54	17.66	19	3.3
20	256QAM	1	99	17.50	17.49	17.64		
20	256QAM	50	0	17.50	17.55	17.56		
20	256QAM	50	24	17.50	17.48	17.64	19	3.3
20	256QAM	50	50	17.50	17.48	17.65		
20	256QAM	100	0	17.55	17.53	17.63		
Channel				42165	42490	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.71	20.71	20.77		
15	QPSK	1	37	20.69	20.65	20.72	22.3	0
15	QPSK	1	74	20.67	20.62	20.77		
15	QPSK	36	0	20.68	20.68	20.75		
15	QPSK	36	20	20.69	20.72	20.77	22.3	0
15	QPSK	36	39	20.70	20.70	20.72		
15	QPSK	75	0	20.75	20.69	20.78		
15	16QAM	1	0	20.69	20.65	20.75		
15	16QAM	1	37	20.67	20.65	20.77	22.3	0
15	16QAM	1	74	20.66	20.61	20.79		
15	16QAM	36	0	20.43	20.35	20.45		
15	16QAM	36	20	20.36	20.31	20.53	22	0.3
15	16QAM	36	39	20.35	20.38	20.53		
15	16QAM	75	0	20.40	20.52	20.46		
15	64QAM	1	0	20.45	20.30	20.49		
15	64QAM	1	37	20.44	20.39	20.50	22	0.3
15	64QAM	1	74	20.40	20.37	20.43		
15	64QAM	36	0	19.36	19.42	19.52		
15	64QAM	36	20	19.38	19.34	19.45	21	1.3
15	64QAM	36	39	19.41	19.37	19.46		
15	64QAM	75	0	19.45	19.41	19.45		
15	256QAM	1	0	17.44	17.41	17.49		
15	256QAM	1	37	17.41	17.35	17.48	19	3.3
15	256QAM	1	74	17.34	17.34	17.50		
15	256QAM	36	0	17.38	17.38	17.52		
15	256QAM	36	20	17.35	17.35	17.50	19	3.3
15	256QAM	36	39	17.41	17.30	17.47		
15	256QAM	75	0	17.44	17.41	17.48		
Channel				42140	42490	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.69	20.72	20.76		
10	QPSK	1	25	20.69	20.72	20.74	22.3	0
10	QPSK	1	49	20.64	20.62	20.75		
10	QPSK	25	0	20.72	20.62	20.82		
10	QPSK	25	12	20.70	20.62	20.76	22.3	0
10	QPSK	25	25	20.66	20.69	20.72		
10	QPSK	50	0	20.69	20.61	20.76		
10	16QAM	1	0	20.68	20.66	20.74		
10	16QAM	1	25	20.67	20.71	20.76	22.3	0
10	16QAM	1	49	20.72	20.65	20.78		
10	16QAM	25	0	20.40	20.45	20.47		
10	16QAM	25	12	20.34	20.36	20.46	22	0.3
10	16QAM	25	25	20.38	20.37	20.48		
10	16QAM	50	0	20.38	20.38	20.42		
10	64QAM	1	0	20.34	20.38	20.44		
10	64QAM	1	25	20.34	20.40	20.52	22	0.3
10	64QAM	1	49	20.45	20.35	20.47		
10	64QAM	25	0	19.39	19.35	19.50		
10	64QAM	25	12	19.43	19.35	19.44	21	1.3
10	64QAM	25	25	19.40	19.36	19.52		
10	64QAM	50	0	19.43	19.33	19.48		
10	256QAM	1	0	17.39	17.41	17.43		
10	256QAM	1	25	17.45	17.35	17.53	19	3.3
10	256QAM	1	49	17.35	17.35	17.49		
10	256QAM	25	0	17.37	17.39	17.53		
10	256QAM	25	12	17.43	17.40	17.49	19	3.3
10	256QAM	25	25	17.34	17.37	17.48		
10	256QAM	50	0	17.36	17.36	17.45		
Channel				42115	42490	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.68	20.72	20.73		
5	QPSK	1	12	20.71	20.69	20.79	22.3	0
5	QPSK	1	24	20.74	20.70	20.82		
5	QPSK	12	0	20.66	20.68	20.72		
5	QPSK	12	7	20.67	20.62	20.83	22.3	0
5	QPSK	12	13	20.75	20.70	20.76		
5	QPSK	25	0	20.73	20.64	20.80		
5	16QAM	1	0	20.67	20.63	20.72		
5	16QAM	1	12	20.73	20.67	20.79	22.3	0
5	16QAM	1	24	20.76	20.73	20.73		
5	16QAM	12	0	20.39	20.40	20.46		
5	16QAM	12	7	20.42	20.34	20.49	22	0.3
5	16QAM	12	13	20.36	20.31	20.46		
5	16QAM	25	0	20.39	20.39	20.48		
5	64QAM	1	0	20.35	20.41	20.46		
5	64QAM	1	12	20.36	20.34	20.46	22	0.3
5	64QAM	1	24	20.37	20.36	20.50		
5	64QAM	12	0	19.38	19.31	19.48		
5	64QAM	12	7	19.40	19.35	19.43	21	1.3
5	64QAM	12	13	19.43	19.40	19.44		
5	64QAM	25	0	19.39	19.38	19.49		
5	256QAM	1	0	17.38	17.36	17.46		
5	256QAM	1	12	17.43	17.35	17.50	19	3.3
5	256QAM	1	24	17.44	17.38	17.50		
5	256QAM	12	0	17.35	17.40	17.51		
5	256QAM	12	7	17.41	17.34	17.53	19	3.3
5	256QAM	12	13	17.40	17.34	17.50		
5	256QAM	25	0	17.41	17.39	17.47		

Band 43 Ant 8 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.97	20.01	19.92		
20	QPSK	1	49	19.92	19.98	19.92	21.3	0
20	QPSK	1	99	19.89	19.99	19.87		
20	QPSK	50	0	19.99	20.00	19.87		
20	QPSK	50	24	19.91	19.92	19.90	21.3	0
20	QPSK	50	50	19.91	19.97	19.88		
20	QPSK	100	0	19.96	19.98	19.92		
20	16QAM	1	0	20.00	19.93	19.94		
20	16QAM	1	49	19.99	19.94	19.90	21.3	0
20	16QAM	1	99	19.90	19.97	19.94		
20	16QAM	50	0	19.88	19.94	19.92		
20	16QAM	50	24	19.91	19.93	19.92	21.3	0
20	16QAM	50	50	19.93	19.98	19.97		
20	16QAM	100	0	19.93	19.98	19.97		
20	64QAM	1	0	19.89	19.90	19.95		
20	64QAM	1	49	19.93	19.94	19.94	21.3	0
20	64QAM	1	99	19.97	19.93	19.96		
20	64QAM	50	0	19.59	19.71	19.62		
20	64QAM	50	24	19.59	19.72	19.57	21	0.3
20	64QAM	50	50	19.59	19.74	19.62		
20	64QAM	100	0	19.62	19.62	19.63		
20	256QAM	1	0	17.67	17.73	17.57		
20	256QAM	1	49	17.64	17.63	17.60	19	2.3
20	256QAM	1	99	17.68	17.64	17.65		
20	256QAM	50	0	17.64	17.66	17.65		
20	256QAM	50	24	17.67	17.68	17.58	19	2.3
20	256QAM	50	50	17.65	17.67	17.57		
20	256QAM	100	0	17.67	17.63	17.61		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.83	19.84	19.85		
15	QPSK	1	37	19.86	19.88	19.80	21.3	0
15	QPSK	1	74	19.81	19.83	19.78		
15	QPSK	36	0	19.82	19.88	19.84		
15	QPSK	36	20	19.83	19.83	19.83	21.3	0
15	QPSK	36	39	19.79	19.86	19.77		
15	QPSK	75	0	19.89	19.93	19.83		
15	16QAM	1	0	19.89	19.85	19.82		
15	16QAM	1	37	19.89	19.83	19.78	21.3	0
15	16QAM	1	74	19.81	19.94	19.85		
15	16QAM	36	0	19.86	19.85	19.80		
15	16QAM	36	20	19.83	19.88	19.87	21.3	0
15	16QAM	36	39	19.79	19.93	19.77		
15	16QAM	75	0	19.86	19.90	19.87		
15	64QAM	1	0	19.88	19.86	19.86		
15	64QAM	1	37	19.78	19.94	19.82	21.3	0
15	64QAM	1	74	19.84	19.86	19.77		
15	64QAM	36	0	19.49	19.59	19.58		
15	64QAM	36	20	19.49	19.61	19.56	21	0.3
15	64QAM	36	39	19.56	19.64	19.53		
15	64QAM	75	0	19.54	19.62	19.48		
15	256QAM	1	0	17.59	17.63	17.58		
15	256QAM	1	37	17.60	17.54	17.56	19	2.3
15	256QAM	1	74	17.60	17.61	17.47		
15	256QAM	36	0	17.59	17.54	17.54		
15	256QAM	36	20	17.48	17.57	17.51	19	2.3
15	256QAM	36	39	17.48	17.58	17.49		
15	256QAM	75	0	17.50	17.53	17.55		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	19.78	19.84	19.82		
10	QPSK	1	25	19.79	19.83	19.83	21.3	0
10	QPSK	1	49	19.81	19.83	19.87		
10	QPSK	25	0	19.79	19.86	19.85		
10	QPSK	25	12	19.83	19.85	19.79	21.3	0
10	QPSK	25	25	19.90	19.82	19.87		
10	QPSK	50	0	19.84	19.89	19.85		
10	16QAM	1	0	19.84	19.84	19.79		
10	16QAM	1	25	19.85	19.90	19.85	21.3	0
10	16QAM	1	49	19.88	19.94	19.80		
10	16QAM	25	0	19.85	19.83	19.80		
10	16QAM	25	12	19.79	19.93	19.79	21.3	0
10	16QAM	25	25	19.79	19.86	19.86		
10	16QAM	50	0	19.85	19.85	19.78		
10	64QAM	1	0	19.81	19.93	19.85		
10	64QAM	1	25	19.79	19.88	19.76	21.3	0
10	64QAM	1	49	19.85	19.89	19.79		
10	64QAM	25	0	19.53	19.57	19.56		
10	64QAM	25	12	19.56	19.56	19.49	21	0.3
10	64QAM	25	25	19.55	19.59	19.56		
10	64QAM	50	0	19.59	19.56	19.51		
10	256QAM	1	0	17.58	17.56	17.53		
10	256QAM	1	25	17.57	17.56	17.53	19	2.3
10	256QAM	25	0	17.53	17.63	17.54		
10	256QAM	25	12	17.59	17.55	17.57	19	2.3
10	256QAM	25	25	17.49	17.59	17.53		
10	256QAM	50	0	17.60	17.63	17.56		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	19.83	19.93	19.87		
5	QPSK	1	12	19.83	19.88	19.81	21.3	0
5	QPSK	1	24	19.88	19.89	19.88		
5	QPSK	12	0	19.83	19.93	19.85		
5	QPSK	12	7	19.79	19.85	19.82	21.3	0
5	QPSK	12	13	19.84	19.93	19.87		
5	QPSK	25	0	19.87	19.88	19.87		
5	16QAM	1	0	19.89	19.84	19.78		
5	16QAM	1	12	19.89	19.85	19.77	21.3	0
5	16QAM	1	24	19.86	19.89	19.82		
5	16QAM	12	0	19.80	19.89	19.88		
5	16QAM	12	7	19.81	19.91	19.76	21.3	0
5	16QAM	12	13	19.87	19.85	19.85		
5	16QAM	25	0	19.85	19.85	19.84		
5	64QAM	1	0	19.82	19.93	19.86		
5	64QAM	1	12	19.87	19.88	19.82	21.3	0
5	64QAM	1	24	19.80	19.90	19.84		
5	64QAM	12	0	19.52	19.56	19.49		
5	64QAM	12	7	19.48	19.56	19.48	21	0.3
5	64QAM	12	13	19.52	19.55	19.55		
5	64QAM	25	0	19.58	19.59	19.57		
5	256QAM	1	0	17.51	17.57	17.57		
5	256QAM	1	12	17.50	17.63	17.57	19	2.3
5	256QAM	1	24	17.54	17.60	17.54		
5	256QAM	12	0	17.55	17.52	17.53		
5	256QAM	12	7	17.51	17.55	17.50	19	2.3
5	256QAM	12	13	17.52	17.57	17.47		
5	256QAM	25	0	17.58	17.59	17.53		

Band 48 Ant 8 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.98	20.08	19.89	20.06		
20	QPSK	1	49	19.96	19.95	19.89	20.03	21.3	0
20	QPSK	1	99	19.89	19.95	19.90	20.02		
20	QPSK	50	0	19.96	20.05	19.85	20.00		
20	QPSK	50	24	19.95	19.98	19.95	20.04	21.3	0
20	QPSK	50	50	19.98	19.94	19.84	20.01		
20	QPSK	100	0	19.93	20.02	19.90	19.99		
20	16QAM	1	0	19.95	19.89	19.94	19.95

Reduced Power Mode for DSI 6

GSM850 Ant0 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.85	16.61	17.50

Band		WCDMA II Ant0 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI6			Tune-up Limit (dBm)	WCDMA V Ant0 DSI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.78	22.62	24.00	22.99	23.08	22.92	24.00	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.81	22.71	24.00	23.08	23.12	23.05	24.00	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	21.81	21.82	21.75	23.00	22.02	22.12	22.09	23.00	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.84	21.76	23.00	22.10	22.15	22.03	23.00	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.37	21.17	22.50	21.58	21.58	21.60	22.50	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.35	21.16	22.50	21.57	21.65	21.51	22.50	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.85	21.75	23.00	22.13	22.16	22.07	23.00	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.82	21.77	21.72	23.00	22.11	22.06	22.05	23.00	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.33	21.26	22.50	21.57	21.56	21.57	22.50	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.27	21.32	21.24	22.50	21.54	21.56	21.52	22.50	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	21.81	21.80	21.67	23.00	22.09	22.07	22.05	23.00	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.75	19.67	21.00	20.13	20.09	20.06	21.00	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	20.85	20.81	20.73	22.00	21.08	21.15	21.04	22.00	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	19.85	19.82	19.76	21.00	20.10	20.16	20.09	21.00	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	21.84	21.85	21.76	23.00	22.13	22.08	22.00	23.00	22.22	22.30	22.24	23.00

Band 2 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.05	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	21.00	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.03	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.04	17.01		
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.76		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.96	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.91	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.14	22.25	22.20	24	0
20	QPSK	1	49	22.05	22.20	22.10		
20	QPSK	1	99	22.10	22.15	22.17		
20	QPSK	50	0	21.15	21.25	21.22	23	1
20	QPSK	50	24	21.09	21.17	21.11		
20	QPSK	50	50	21.14	21.15	21.16		
20	QPSK	100	0	21.15	21.24	21.23		
20	16QAM	1	0	21.09	21.23	21.16	23	1
20	16QAM	1	49	21.03	21.24	21.13		
20	16QAM	1	99	21.13	21.20	21.11		
20	16QAM	50	0	20.12	20.26	20.21	22	2
20	16QAM	50	24	20.03	20.18	20.12		
20	16QAM	50	50	20.18	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10	22	2
20	64QAM	1	49	20.01	20.19	20.09		
20	64QAM	1	99	20.14	20.14	20.07		
20	64QAM	50	0	19.09	19.21	19.20	21	3
20	64QAM	50	24	19.04	19.21	19.07		
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17	19	5
20	256QAM	1	49	17.10	17.17	17.12		
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.34	17.29	19	5
20	256QAM	50	24	17.04	17.26	17.22		
20	256QAM	50	50	17.00	17.25	17.11		
20	256QAM	100	0	17.14	17.28	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.20	22.22	24	0
15	QPSK	1	37	22.12	22.20	22.13		
15	QPSK	1	74	22.11	22.19	22.10		
15	QPSK	36	0	21.26	21.29	21.16	23	1
15	QPSK	36	20	21.11	21.26	21.13		
15	QPSK	36	39	21.09	21.28	21.12		
15	QPSK	75	0	21.24	21.29	21.14		
15	16QAM	1	0	21.20	21.21	21.26	23	1
15	16QAM	1	37	21.11	21.20	21.05		
15	16QAM	1	74	21.07	21.13	21.11		
15	16QAM	36	0	20.22	20.28	20.17	22	2
15	16QAM	36	20	20.12	20.25	20.09		
15	16QAM	36	39	20.06	20.17	20.14		
15	16QAM	75	0	20.20	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27	22	2
15	64QAM	1	37	20.05	20.23	20.10		
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16	21	3
15	64QAM	36	20	19.19	19.26	19.21		
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17	19	5
15	256QAM	1	37	17.13	17.25	17.14		
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17	19	5
15	256QAM	36	20	17.12	17.21	17.27		
15	256QAM	36	39	17.13	17.21	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.19	22.23	22.22	24	0
10	QPSK	1	25	22.11	22.22	22.10		
10	QPSK	1	49	22.12	22.22	22.13		
10	QPSK	25	0	21.22	21.28	21.19	23	1
10	QPSK	25	12	21.10	21.21	21.15		
10	QPSK	25	25	21.09	21.21	21.15		
10	QPSK	50	0	21.25	21.26	21.19		
10	16QAM	1	0	21.21	21.22	21.24	23	1
10	16QAM	1	25	21.07	21.19	21.07		
10	16QAM	1	49	21.06	21.18	21.13		
10	16QAM	25	0	20.24	20.30	20.18	22	2
10	16QAM	25	12	20.16	20.23	20.14		
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.32	20.19		
10	64QAM	1	0	20.15	20.23	20.27	22	2
10	64QAM	1	25	20.08	20.19	20.10		
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15	21	3
10	64QAM	25	12	19.21	19.24	19.20		
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10	20	3
10	256QAM	1	0	17.28	17.30	17.21	19	5
10	256QAM	1	25	17.15	17.25	17.14		
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.20	17.30	17.19	19	5
10	256QAM	25	12	17.11	17.24	17.29		
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.17	22.20	22.22	24	0
5	QPSK	1	12	22.11	22.21	22.15		
5	QPSK	1	24	22.14	22.20	22.14		
5	QPSK	12	0	21.21	21.27	21.15	23	1
5	QPSK	12	7	21.13	21.23	21.13		
5	QPSK	12	13	21.10	21.23	21.13		
5	QPSK	25	0	21.27	21.26	21.16		
5	16QAM	1	0	21.18	21.24	21.27	23	1
5	16QAM	1	12	21.10	21.20	21.05		
5	16QAM	1	24	21.10	21.16	21.09		
5	16QAM	12	0	20.24	20.31	20.17	22	2
5	16QAM	12	7	20.17	20.23	20.14		
5	16QAM	12	13	20.06	20.18	20.16		
5	16QAM	25	0	20.16	20.28	20.21		
5	64QAM	1	0	20.09	20.19	20.28	22	2
5	64QAM	1	12	20.10	20.22	20.14		
5	64QAM	1	24	20.11	20.19	20.12		
5	64QAM	12	0	19.21	19.23	19.18	21	3
5	64QAM	12	7	19.15	19.22	19.21		
5	64QAM	12	13	19.11	19.22	19.14		
5	64QAM	25	0	19.30	19.31	19.12	20	3
5	256QAM	1	0	17.25	17.30	17.20	19	5
5	256QAM	1	12	17.10	17.28	17.18		
5	256QAM	1	24	17.05	17.24	17.16		
5	256QAM	12	0	17.22	17.33	17.21	19	5
5	256QAM	12	7	17.15	17.29	17.19		
5	256QAM	12	13	17.16	17.20	17.14		
5	256QAM	25	0	17.04	17.10	17.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.20	24	0
3	QPSK	1	8	22.12	22.24	22.12		
3	QPSK	1	14	22.11	22.20	22.15		
3	QPSK	8	0	21.25	21.32	21.18	23	1
3	QPSK	8	4	21.12	21.24	21.11		
3	QPSK	8	7	21.09	21.20	21.16		
3	QPSK	15	0	21.26	21.28	21.16		
3	16QAM	1	0	21.17	21.21	21.22	23	1
3	16QAM	1	8	21.12	21.20	21.08		
3	16QAM	1	14	21.05	21.15	21.10		
3	16QAM	8	0	20.23	20.30	20.15	22	2
3	16QAM	8	4	20.17	20.21	20.15		
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27	22	2
3	64QAM	1	8	20.08	20.19	20.15		
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19	21	3
3	64QAM	8	4	19.16	19.22	19.20		
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07	20	3
3	256QAM	1	0	17.24	17.27	17.18	19	5
3	256QAM	1	8	17.15	17.28	17.13		
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21	19	5
3	256QAM	8	4	17.16	17.22	17.29		
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.19	22.16	24	0
1.4	QPSK	1	3	22.00	22.15	22.10		
1.4	QPSK	1	5	22.05	22.15	22.18		
1.4	QPSK	3	0	22.01	22.08	22.15		
1.4	QPSK	3	1	22.01	22.09	22.03		
1.4	QPSK	3	3	22.05	22.05	22.06		
1.4	QPSK	6	0	21.08	21.26	21.26	23	1
1.4	16QAM	1	0	21.09	21.25	21.18	23	1
1.4	16QAM	1	3	21.05	21.22	21.12		
1.4	16QAM	1	5	21.08	21.18	21.05		
1.4	16QAM	3	0	21.10	21.20	21.18		
1.4	16QAM	3	1	21.02	21.17	21.08		
1.4	16QAM	3	3	21.05	21.15	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	22	2
1.4	64QAM	1	0	20.09	20.18	20.11	22	2
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07		
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.06	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	21	3
1.4	256QAM	1	0	17.04	17.27	17.11	19	5
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16		
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.25	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2
10	16QAM	25	12	20.78	20.75	20.58		
10	16QAM	25	25	20.69	20.63	20.54		
10	16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.94		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.90	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.86		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.86	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				22017	23025	23133	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.96		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 17 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.63		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.70	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08		
20	QPSK	1	49	22.00	22.05	21.97	23	0
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17		
20	QPSK	50	24	20.96	21.16	20.91	22	1
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.05		
20	16QAM	1	0	21.16	21.18	21.03		
20	16QAM	1	49	21.03	21.17	20.93	22	1
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01		
20	16QAM	50	24	19.92	20.20	19.87	21	2
20	16QAM	50	50	19.84	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17		
20	64QAM	1	49	20.05	20.05	19.97	21	2
20	64QAM	1	99	19.93	20.16	20.01		
20	64QAM	50	0	19.14	19.16	19.01		
20	64QAM	50	24	18.96	19.24	18.92	20	3
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04		
20	256QAM	1	49	17.01	17.07	16.88	18	5
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14		
20	256QAM	50	24	17.20	17.16	17.14	18	5
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98		
15	QPSK	1	37	21.97	22.00	21.91	23	0
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05		
15	QPSK	36	20	20.89	21.12	20.84	22	1
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00		
15	16QAM	1	37	20.91	21.15	20.89	22	1
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96		
15	16QAM	36	20	19.87	20.11	19.76	21	2
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05		
15	64QAM	1	37	19.91	19.95	19.95	21	2
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88		
15	64QAM	36	20	18.86	19.17	18.78	20	3
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94		
15	256QAM	1	37	16.92	16.96	16.83	18	5
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08		
15	256QAM	36	20	17.14	17.10	17.11	18	5
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06		
10	QPSK	1	25	21.93	21.96	21.84	23	0
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11		
10	QPSK	25	12	20.89	21.08	20.77	22	1
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94		
10	16QAM	1	25	20.93	21.09	20.80	22	1
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98		
10	16QAM	25	12	19.87	20.13	19.84	21	2
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13		
10	64QAM	1	25	19.94	19.99	19.92	21	2
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90		
10	64QAM	25	12	18.82	19.19	18.82	20	3
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99		
10	256QAM	1	25	16.87	17.05	16.77	18	5
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07		
10	256QAM	25	12	17.12	17.09	17.02	18	5
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06		
5	QPSK	1	12	21.88	22.01	21.93	23	0
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09		
5	QPSK	12	7	20.87	21.08	20.84	22	1
5	QPSK	12	13	20.82	20.96	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95		
5	16QAM	1	12	20.99	21.11	20.90	22	1
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96		
5	16QAM	12	7	19.79	20.09	19.82	21	2
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05		
5	64QAM	1	12	19.91	20.03	19.85	21	2
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97		
5	64QAM	12	7	18.91	19.11	18.79	20	3
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01		
5	256QAM	1	12	16.95	17.02	16.80	18	5
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05		
5	256QAM	12	7	17.15	17.11	17.03	18	5
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98		
3	QPSK	1	8	21.90	21.99	21.93	23	0
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04		
3	QPSK	8	4	20.85	21.05	20.79	22	1
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00		
3	16QAM	1	8	20.97	21.10	20.82	22	1
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91		
3	16QAM	8	4	19.86	20.06	19.81	21	2
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08		
3	64QAM	1	8	19.93	19.98	19.91	21	2
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.98		
3	64QAM	8	4	18.91	19.17	18.79	20	3
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94		
3	256QAM	1	8	16.92	16.94	16.83	18	5
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04		
3	256QAM	8	4	17.18	17.05	17.04	18	5
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04		
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89	23	0
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90		
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91	22	1
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13		
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95	21	2
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90		
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85	18	5
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73		
15	QPSK	1	37	22.64	22.83	22.70	24	0
15	QPSK	1	74	22.66	22.82	22.59		
15	QPSK	36	0	21.81	21.87	21.73		
15	QPSK	36	20	21.68	21.80	21.65	23	1
15	QPSK	36	39	21.62	21.78	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77		
15	16QAM	1	37	21.64	21.88	21.65	23	1
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74		
15	16QAM	36	20	20.63	20.93	20.61	22	2
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78		
15	64QAM	1	37	20.67	20.82	20.70	22	2
15	64QAM	1	74	20.55	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71		
15	64QAM	36	20	19.69	19.87	19.68	21	3
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69		
15	256QAM	1	37	17.67	17.92	17.69	19	5
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.71	17.89	17.79		
15	256QAM	36	20	17.75	17.79	17.76	19	5
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64		
10	QPSK	1	25	22.55	22.70	22.61	24	0
10	QPSK	1	49	22.56	22.72	22.52		
10	QPSK	25	0	21.72	21.77	21.62		
10	QPSK	25	12	21.57	21.74	21.56	23	1
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.60	21.74	21.53	23	1
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65		
10	16QAM	25	12	20.57	20.81	20.49	22	2
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75		
10	64QAM	1	25	20.62	20.70	20.60	22	2
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66		
10	64QAM	25	12	19.54	19.77	19.54	21	3
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61		
10	256QAM	1	25	17.57	17.82	17.61	19	5
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66		
10	256QAM	25	12	17.68	17.65	17.68	19	5
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65		
5	QPSK	1	12	22.53	22.70	22.61	24	0
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58		
5	QPSK	12	7	21.54	21.77	21.56	23	1
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66		
5	16QAM	1	12	21.59	21.81	21.60	23	1
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67		
5	16QAM	12	7	20.59	20.83	20.57	22	2
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70		
5	64QAM	1	12	20.53	20.72	20.61	22	2
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58		
5	64QAM	12	7	19.57	19.82	19.54	21	3
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54		
5	256QAM	1	12	17.55	17.81	17.65	19	5
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68		
5	256QAM	12	7	17.62	17.70	17.72	19	5
5	256QAM	12	13	17.63	17.79	17.45		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63		
3	QPSK	1	8	22.56	22.80	22.59	24	0
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69		
3	QPSK	8	4	21.61	21.77	21.54	23	1
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67		
3	16QAM	1	8	21.55	21.85	21.53	23	1
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.67		
3	16QAM	8	4	20.51	20.88	20.53	22	2
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72		
3	64QAM	1	8	20.63	20.70	20.60	22	2
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58		
3	64QAM	8	4	19.56	19.74	19.61	21	3
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64		
3	256QAM	1	8	17.56	17.88	17.60	19	5
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71		
3	256QAM	8	4	17.65	17.72	17.72	19	5
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68		
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49	24	0
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.46	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65		
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56	23	1
1.4	16QAM	3	0	21.54	21.84	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66		
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55	22	2
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.59	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56		
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48	19	5
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58			
10	QPSK	1	25		22.55		24	0
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62			
10	QPSK	25	12		21.52		23	1
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56			
10	16QAM	1	25		21.53		23	1
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66			
10	16QAM	25	12		20.47		22	2
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55			
10	64QAM	1	25		20.51		22	2
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64			
10	64QAM	25	12		19.51		21	3
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56			
10	256QAM	1	25		17.51		19	5
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60			
10	256QAM	25	12		17.50		19	5
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50		
5	QPSK	1	12	22.42	22.49	22.45	24	0
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49		
5	QPSK	12	7	21.48	21.39	21.48	23	1
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42		
5	16QAM	1	12	21.50	21.42	21.51	23	1
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60		
5	16QAM	12	7	20.35	20.36	20.37	22	2
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45		
5	64QAM	1	12	20.39	20.48	20.42	22	2
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53		
5	64QAM	12	7	19.48	19.48	19.43	21	3
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.26	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.54		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50	22	2
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.69	22.76	22.73	24	0
20	QPSK	1	49	22.62	22.72	22.60		
20	QPSK	1	99	22.65	22.70	22.63		
20	QPSK	50	0	21.72	21.81	21.78	23	1
20	QPSK	50	24	21.67	21.71	21.58		
20	QPSK	50	50	21.69	21.75	21.65		
20	QPSK	100	0	21.68	21.79	21.72		
20	16QAM	1	0	21.63	21.76	21.68	23	1
20	16QAM	1	49	21.63	21.72	21.56		
20	16QAM	1	99	21.62	21.65	21.57		
20	16QAM	50	0	20.73	20.78	20.80	22	2
20	16QAM	50	24	20.70	20.74	20.63		
20	16QAM	50	50	20.63	20.70	20.65		
20	16QAM	100	0	20.62	20.81	20.77		
20	64QAM	1	0	20.58	20.79	20.67	22	2
20	64QAM	1	49	20.60	20.77	20.59		
20	64QAM	1	99	20.62	20.67	20.58		
20	64QAM	50	0	19.73	19.81	19.78	21	3
20	64QAM	50	24	19.72	19.70	19.59		
20	64QAM	50	50	19.64	19.79	19.68		
20	64QAM	100	0	19.72	19.75	19.84		
20	256QAM	1	0	17.75	17.81	17.75	19	5
20	256QAM	1	49	17.65	17.72	17.62		
20	256QAM	1	99	17.65	17.72	17.63		
20	256QAM	50	0	17.66	17.84	17.74	19	5
20	256QAM	50	24	17.63	17.79	17.66		
20	256QAM	50	50	17.64	17.72	17.56		
20	256QAM	100	0	17.63	17.68	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.63	22.67	22.60	24	0
15	QPSK	1	37	22.58	22.64	22.56		
15	QPSK	1	74	22.62	22.68	22.51		
15	QPSK	36	0	21.60	21.74	21.67	23	1
15	QPSK	36	20	21.59	21.60	21.48		
15	QPSK	36	39	21.59	21.63	21.56		
15	QPSK	75	0	21.54	21.75	21.71		
15	16QAM	1	0	21.54	21.64	21.64	23	1
15	16QAM	1	37	21.59	21.61	21.46		
15	16QAM	1	74	21.50	21.63	21.49		
15	16QAM	36	0	20.68	20.72	20.73	22	2
15	16QAM	36	20	20.60	20.65	20.52		
15	16QAM	36	39	20.52	20.57	20.61		
15	16QAM	75	0	20.54	20.72	20.71		
15	64QAM	1	0	20.61	20.66	20.61	22	2
15	64QAM	1	37	20.57	20.63	20.52		
15	64QAM	1	74	20.57	20.63	20.47		
15	64QAM	36	0	19.70	19.79	19.68	21	3
15	64QAM	36	20	19.62	19.58	19.46		
15	64QAM	36	39	19.56	19.71	19.58		
15	64QAM	75	0	19.69	19.64	19.71		
15	256QAM	1	0	17.68	17.72	17.62	19	5
15	256QAM	1	37	17.62	17.63	17.51		
15	256QAM	1	74	17.52	17.62	17.57		
15	256QAM	36	0	17.54	17.73	17.66	19	5
15	256QAM	36	20	17.49	17.70	17.56		
15	256QAM	36	39	17.52	17.60	17.54		
15	256QAM	75	0	17.55	17.56	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.58	22.73	22.69	24	0
10	QPSK	1	25	22.50	22.62	22.57		
10	QPSK	1	49	22.51	22.62	22.55		
10	QPSK	25	0	21.64	21.71	21.69	23	1
10	QPSK	25	12	21.53	21.58	21.55		
10	QPSK	25	25	21.57	21.62	21.59		
10	QPSK	50	0	21.55	21.75	21.69		
10	16QAM	1	0	21.51	21.74	21.58	23	1
10	16QAM	1	25	21.49	21.65	21.46		
10	16QAM	1	49	21.55	21.66	21.53		
10	16QAM	25	0	20.66	20.72	20.68	22	2
10	16QAM	25	12	20.68	20.65	20.59		
10	16QAM	25	25	20.56	20.67	20.55		
10	16QAM	50	0	20.53	20.71	20.73		
10	64QAM	1	0	20.48	20.70	20.56	22	2
10	64QAM	1	25	20.55	20.63	20.46		
10	64QAM	1	49	20.54	20.64	20.47		
10	64QAM	25	0	19.71	19.68	19.75	21	3
10	64QAM	25	12	19.67	19.67	19.49		
10	64QAM	25	25	19.52	19.71	19.57		
10	64QAM	50	0	19.67	19.66	19.75		
10	256QAM	1	0	17.65	17.71	17.70	19	5
10	256QAM	1	25	17.58	17.63	17.49		
10	256QAM	1	49	17.59	17.60	17.50		
10	256QAM	25	0	17.56	17.76	17.64	19	5
10	256QAM	25	12	17.53	17.76	17.62		
10	256QAM	25	25	17.57	17.65	17.47		
10	256QAM	50	0	17.58	17.59	17.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.69	22.67	24	0
5	QPSK	1	12	22.57	22.60	22.55		
5	QPSK	1	24	22.58	22.57	22.54		
5	QPSK	12	0	21.66	21.79	21.72	23	1
5	QPSK	12	7	21.62	21.69	21.50		
5	QPSK	12	13	21.60	21.63	21.62		
5	QPSK	25	0	21.65	21.75	21.68		
5	16QAM	1	0	21.55	21.69	21.59	23	1
5	16QAM	1	12	21.59	21.63	21.45		
5	16QAM	1	24	21.51	21.51	21.53		
5	16QAM	12	0	20.70	20.73	20.66	22	2
5	16QAM	12	7	20.59	20.61	20.57		
5	16QAM	12	13	20.58	20.57	20.54		
5	16QAM	25	0	20.59	20.72	20.65		
5	64QAM	1	0	20.49	20.69	20.60	22	2
5	64QAM	1	12	20.55	20.63	20.53		
5	64QAM	1	24	20.57	20.56	20.46		
5	64QAM	12	0	19.70	19.68	19.65	21	3
5	64QAM	12	7	19.69	19.61	19.49		
5	64QAM	12	13	19.60	19.62	19.62		
5	64QAM	25	0	19.62	19.70	19.78		
5	256QAM	1	0	17.68	17.68	17.66	19	5
5	256QAM	1	12	17.54	17.59	17.53		
5	256QAM	1	24	17.55	17.64	17.53		
5	256QAM	12	0	17.58	17.72	17.61	19	5
5	256QAM	12	7	17.50	17.70	17.53		
5	256QAM	12	13	17.53	17.70	17.52		
5	256QAM	25	0	17.51	17.58	17.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.38	23.45	23.37	23.41	24	0
20	QPSK	1	49	23.32	23.31	23.43	23.31	23.32		
20	QPSK	1	99	23.29	23.35	23.41	23.24	23.33		
20	QPSK	50	0	22.36	22.36	22.50	22.31	22.45	23	1
20	QPSK	50	24	22.34	22.32	22.44	22.26	22.37		
20	QPSK	50	50	22.25	22.33	22.39	22.20	22.36		
20	QPSK	100	0	22.38	22.36	22.47	22.37	22.37		
20	16QAM	1	0	22.38	22.33	22.45	22.31	22.46	23	1
20	16QAM	1	49	22.32	22.35	22.38	22.35	22.32		
20	16QAM	1	99	22.27	22.41	22.39	22.30	22.34		
20	16QAM	50	0	21.36	21.36	21.44	21.32	21.46	22	2
20	16QAM	50	24	21.39	21.34	21.39	21.25	21.40		
20	16QAM	50	50	21.26	21.32	21.38	21.24	21.31		
20	16QAM	100	0	21.38	21.39	21.52	21.33	21.38		
20	64QAM	1	0	21.41	21.32	21.46	21.26	21.42	22	2
20	64QAM	1	49	21.28	21.39	21.41	21.38	21.38		
20	64QAM	1	99	21.33	21.39	21.36	21.32	21.35		
20	64QAM	50	0	20.33	20.34	20.47	20.26	20.40	21	3
20	64QAM	50	24	20.28	20.37	20.44	20.26	20.43		
20	64QAM	50	50	20.30	20.34	20.34	20.17	20.33		
20	64QAM	100	0	20.32	20.34	20.43	20.33	20.39		
20	256QAM	1	0	18.33	18.34	18.54	18.27	18.41	19	5
20	256QAM	1	49	18.31	18.38	18.42	18.31	18.40		
20	256QAM	1	99	18.27	18.38	18.35	18.15	18.34		
20	256QAM	50	0	18.41	18.35	18.47	18.42	18.41	19	5
20	256QAM	50	24	18.35	18.33	18.45	18.27	18.40		
20	256QAM	50	50	18.37	18.30	18.41	18.41	18.27		
20	256QAM	100	0	18.22	18.46	18.35	18.32	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.37	23.24	23.36	23.25	23.28	24.00	0
15	QPSK	1	37	23.22	23.18	23.32	23.20	23.24		
15	QPSK	1	74	23.24	23.26	23.37	23.21	23.25		
15	QPSK	36	0	22.24	22.25	22.45	22.18	22.37	23	1
15	QPSK	36	20	22.28	22.25	22.42	22.22	22.24		
15	QPSK	36	39	22.18	22.29	22.27	22.07	22.23		
15	QPSK	75	0	22.24	22.33	22.44	22.26	22.30		
15	16QAM	1	0	22.26	22.29	22.33	22.28	22.42	23	1
15	16QAM	1	37	22.19	22.26	22.34	22.22	22.29		
15	16QAM	1	74	22.14	22.37	22.26	22.24	22.23		
15	16QAM	36	0	21.26	21.29	21.37	21.22	21.38	22	2
15	16QAM	36	20	21.35	21.26	21.31	21.20	21.34		
15	16QAM	36	39	21.23	21.21	21.24	21.17	21.22		
15	16QAM	75	0	21.26	21.32	21.46	21.30	21.35		
15	64QAM	1	0	21.39	21.25	21.34	21.24	21.29	22	2
15	64QAM	1	37	21.23	21.28	21.37	21.26	21.25		
15	64QAM	1	74	21.27	21.34	21.29	21.25	21.30		
15	64QAM	36	0	20.23	20.23	20.42	20.13	20.37	21	3
15	64QAM	36	20	20.23	20.26	20.31	20.18	20.32		
15	64QAM	36	39	20.18	20.32	20.31	20.12	20.25		
15	64QAM	75	0	20.22	20.24	20.32	20.30	20.33		
15	256QAM	1	0	18.24	18.21	18.44	18.24	18.32	19	5
15	256QAM	1	37	18.22	18.34	18.40	18.29	18.26		
15	256QAM	1	74	18.17	18.29	18.25	18.06	18.21		
15	256QAM	36	0	18.28	18.24	18.33	18.37	18.36	19	5
15	256QAM	36	20	18.23	18.23	18.33	18.24	18.32		
15	256QAM	36	39	18.33	18.19	18.36	18.38	18.14		
15	256QAM	75	0	18.15	18.38	18.23	18.28	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.32	23.35	23.35	23.32	23.35	24.00	0
10	QPSK	1	25	23.21	23.18	23.39	23.22	23.28		
10	QPSK	1	49	23.27	23.27	23.31	23.18	23.29		
10	QPSK	25	0	22.33	22.24	22.48	22.25	22.32	23	1
10	QPSK	25	12	22.23	22.21	22.35	22.12	22.32		
10	QPSK	25	25	22.19	22.20	22.27	22.10	22.31		
10	QPSK	50	0	22.29	22.31	22.44	22.31	22.31		
10	16QAM	1	0	22.25	22.30	22.37	22.28	22.36	23	1
10	16QAM	1	25	22.19	22.29	22.34	22.32	22.25		
10	16QAM	1	49	22.17	22.33	22.27	22.24	22.24		
10	16QAM	25	0	21.32	21.29	21.40	21.24	21.43	22	2
10	16QAM	25	12	21.27	21.22	21.33	21.22	21.34		
10	16QAM	25	25	21.15	21.29	21.33	21.21	21.17		
10	16QAM	50	0	21.32	21.25	21.48	21.29	21.24		
10	64QAM	1	0	21.36	21.23	21.43	21.14	21.35	22	2
10	64QAM	1	25	21.24	21.32	21.35	21.27	21.33		
10	64QAM	1	49	21.25	21.34	21.33	21.21	21.28		
10	64QAM	25	0	20.27	20.22	20.41	20.17	20.27	21	3
10	64QAM	25	12	20.16	20.29	20.40	20.17	20.35		
10	64QAM	25	25	20.24	20.28	20.26	20.05	20.30		
10	64QAM	50	0	20.28	20.27	20.37	20.22	20.33		
10	256QAM	1	0	18.19	18.22	18.50	18.23	18.33	19	5
10	256QAM	1	25	18.26	18.31	18.29	18.21	18.33		
10	256QAM	1	49	18.23	18.33	18.27	18.05	18.30		
10	256QAM	25	0	18.32	18.24	18.42	18.32	18.37	19	5
10	256QAM	25	12	18.30	18.29	18.34	18.24	18.32		
10	256QAM	25	25	18.29	18.18	18.28	18.29	18.14		
10	256QAM	50	0	18.16	18.35	18.23	18.24	18.25		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.35	23.26	23.37	23.26	23.29	24.00	0
5	QPSK	1	12	23.26	23.25	23.37	23.17	23.27		
5	QPSK	1	24	23.19	23.25	23.37	23.12	23.20		
5	QPSK	12	0	22.23	22.29	22.44	22.27	22.41	23	1
5	QPSK	12	7	22.23	22.27	22.30	22.14	22.28		
5	QPSK	12	13	22.13	22.27	22.36	22.12	22.28		
5	QPSK	25	0	22.27	22.26	22.35	22.23	22.28		
5	16QAM	1	0	22.33	22.27	22.42	22.26	22.40	23	1
5	16QAM	1	12	22.21	22.26	22.24	22.23	22.18		
5	16QAM	1	24	22.19	22.37	22.32	22.27	22.22		
5	16QAM	12	0	21.29	21.33	21.32	21.20	21.43	22	2
5	16QAM	12	7	21.30	21.29	21.37	21.18	21.37		
5	16QAM	12	13	21.16	21.18	21.27	21.13	21.27		
5	16QAM	25	0	21.34	21.26	21.47	21.30	21.32		
5	64QAM	1	0	21.37	21.20	21.39	21.20	21.30	22	2
5	64QAM	1	12	21.17	21.29	21.29	21.26	21.27		
5	64QAM	1	24	21.31	21.26	21.27	21.22	21.26		
5	64QAM	12	0	20.31	20.20	20.41	20.17	20.35	21	3
5	64QAM	12	7	20.15	20.25	20.37	20.23	20.40		
5	64QAM	12	13	20.21	20.28	20.25	20.14	20.23		
5	64QAM	25	0	20.28	20.23	20.38	20.20	20.35		
5	256QAM	1	0	18.26	18.27	18.50	18.15	18.32	19	5
5	256QAM	1	12	18.28	18.27	18.30	18.28	18.29		
5	256QAM	1	24	18.17	18.32	18.21	18.05	18.22		
5	256QAM	12	0	18.32	18.27	18.42	18.37	18.32	19	5
5	256QAM	12	7	18.23	18.23	18.32	18.20	18.29		
5	256QAM	12	13	18.29	18.26	18.33	18.33	18.13		
5	256QAM	25	0	18.19	18.40	18.23	18.21	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.46	25.33	25.50	25.41	25.36	27	0
20	QPSK	1	49	25.35	25.34	25.41	25.28	25.38		
20	QPSK	1	99	25.25	25.31	25.41	25.24	25.30		
20	QPSK	50	0	24.36	24.41	24.51	24.29	24.43	26	1
20	QPSK	50	24	24.37	24.28	24.46	24.23	24.35		
20	QPSK	50	50	24.25	24.36	24.39	24.18	24.31		
20	QPSK	100	0	24.43	24.33	24.48	24.42	24.35		
20	16QAM	1	0	24.36	24.31	24.46	24.32	24.41	26	1
20	16QAM	1	49	24.28	24.35	24.38	24.40	24.27		
20	16QAM	1	99	24.21	24.40	24.37	24.29	24.32		
20	16QAM	50	0	23.42	23.38	23.39	23.31	23.44	25	2
20	16QAM	50	24	23.34	23.30	23.37	23.28	23.45		
20	16QAM	50	50	23.24	23.38	23.38	23.21	23.30		
20	16QAM	100	0	23.33	23.42	23.50	23.28	23.34		
20	64QAM	1	0	23.37	23.35	23.41	23.22	23.45	25	2
20	64QAM	1	49	23.33	23.44	23.37	23.38	23.42		
20	64QAM	1	99	23.35	23.36	23.34	23.32	23.33		
20	64QAM	50	0	22.32	22.30	22.44	22.28	22.42	24	3
20	64QAM	50	24	22.32	22.37	22.49	22.20	22.37		
20	64QAM	50	50	22.29	22.31	22.39	22.13	22.37		
20	64QAM	100	0	22.35	22.33	22.48	22.36	22.37		
20	256QAM	1	0	20.30	20.34	20.56	20.29	20.45	22	5
20	256QAM	1	49	20.29	20.40	20.41	20.35	20.44		
20	256QAM	1	99	20.23	20.33	20.33	20.18	20.38		
20	256QAM	50	0	20.42	20.35	20.51	20.36	20.42	22	5
20	256QAM	50	24	20.29	20.34	20.46	20.28	20.42		
20	256QAM	50	50	20.42	20.35	20.37	20.44	20.25		
20	256QAM	100	0	20.18	20.46	20.35	20.37	20.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.41	25.28	25.43	25.36	25.26	27.00	0
15	QPSK	1	37	25.29	25.29	25.38	25.21	25.36		
15	QPSK	1	74	25.15	25.24	25.31	25.15	25.19		
15	QPSK	36	0	24.28	24.29	24.42	24.17	24.34	26	1
15	QPSK	36	20	24.31	24.20	24.43	24.19	24.22		
15	QPSK	36	39	24.13	24.28	24.32	24.07	24.27		
15	QPSK	75	0	24.40	24.28	24.42	24.29	24.30		
15	16QAM	1	0	24.27	24.19	24.44	24.19	24.32	26	1
15	16QAM	1	37	24.21	24.23	24.25	24.38	24.22		
15	16QAM	1	74	24.11	24.28	24.25	24.23	24.28		
15	16QAM	36	0	23.28	23.31	23.30	23.18	23.40	25	2
15	16QAM	36	20	23.21	23.23	23.34	23.20	23.34		
15	16QAM	36	39	23.13	23.33	23.30	23.16	23.28		
15	16QAM	75	0	23.23	23.35	23.38	23.26	23.25		
15	64QAM	1	0	23.32	23.29	23.38	23.13	23.31	25	2
15	64QAM	1	37	23.30	23.41	23.30	23.36	23.32		
15	64QAM	1	74	23.29	23.27	23.29	23.30	23.31		
15	64QAM	36	0	22.29	22.24	22.35	22.18	22.33	24	3
15	64QAM	36	20	22.19	22.30	22.41	22.14	22.33		
15	64QAM	36	39	22.20	22.21	22.29	22.06	22.25		
15	64QAM	75	0	22.24	22.20	22.44	22.26	22.30		
15	256QAM	1	0	20.22	20.21	20.49	20.19	20.42	22	5
15	256QAM	1	37	20.22	20.29	20.32	20.29	20.42		
15	256QAM	1	74	20.20	20.25	20.22	20.12	20.27		
15	256QAM	36	0	20.36	20.28	20.41	20.23	20.33	22	5
15	256QAM	36	20	20.24	20.23	20.39	20.20	20.35		
15	256QAM	36	39	20.36	20.26	20.28	20.41	20.15		
15	256QAM	75	0	20.13	20.43	20.29	20.25	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.41	25.28	25.47	25.27	25.28	27.00	0
10	QPSK	1	25	25.31	25.28	25.29	25.24	25.31		
10	QPSK	1	49	25.18	25.27	25.31	25.16	25.25		
10	QPSK	25	0	24.33	24.38	24.42	24.19	24.40	26	1
10	QPSK	25	12	24.33	24.16	24.40	24.21	24.23		
10	QPSK	25	25	24.19	24.23	24.31	24.08	24.18		
10	QPSK	50	0	24.40	24.21	24.40	24.38	24.28		
10	16QAM	1	0	24.30	24.23	24.35	24.30	24.28	26	1
10	16QAM	1	25	24.17	24.30	24.24	24.27	24.25		
10	16QAM	1	49	24.16	24.37	24.33	24.17	24.29		
10	16QAM	25	0	23.30	23.28	23.32	23.29	23.32	25	2
10	16QAM	25	12	23.26	23.23	23.28	23.18	23.39		
10	16QAM	25	25	23.22	23.32	23.33	23.15	23.16		
10	16QAM	50	0	23.23	23.37	23.42	23.14	23.32		
10	64QAM	1	0	23.25	23.21	23.36	23.11	23.43	25	2
10	64QAM	1	25	23.27	23.37	23.29	23.32	23.36		
10	64QAM	1	49	23.22	23.34

GSM850 Ant1 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 DSI6			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.60	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.32	22.27		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.07	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.26	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.30	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.17	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.28	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.29	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.08	20.16	20.17		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	19.09	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

Band 4 Ant 1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.01	22.06	21.98		
20	QPSK	1	49	21.92	22.04	21.93	23	0
20	QPSK	1	99	21.96	22.01	21.93		
20	QPSK	50	0	21.01	21.10	21.01		
20	QPSK	50	24	20.89	21.00	20.91	22	1
20	QPSK	50	50	20.99	20.96	20.89		
20	QPSK	100	0	21.03	21.07	20.98		
20	16QAM	1	0	21.05	21.04	21.04		
20	16QAM	1	49	20.87	21.02	20.92	22	1
20	16QAM	1	99	21.01	20.97	20.92		
20	16QAM	50	0	19.96	20.14	19.95		
20	16QAM	50	24	19.83	19.95	19.88	21	2
20	16QAM	50	50	19.96	19.97	19.91		
20	16QAM	100	0	20.03	20.03	19.96		
20	64QAM	1	0	20.10	20.07	20.00		
20	64QAM	1	49	19.88	20.01	19.90	21	2
20	64QAM	1	99	19.99	19.96	19.86		
20	64QAM	50	0	19.03	19.04	18.99		
20	64QAM	50	24	18.94	19.05	18.90	20	3
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00		
20	256QAM	1	49	16.85	17.01	16.94	18	5
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94		
20	256QAM	50	24	17.06	17.06	17.03	18	5
20	256QAM	50	50	16.91	16.96	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.91	21.93	21.87		
15	QPSK	1	37	21.89	21.99	21.92	23	0
15	QPSK	1	74	21.86	21.97	21.81		
15	QPSK	36	0	20.93	20.99	20.98		
15	QPSK	36	20	20.75	20.97	20.87	22	1
15	QPSK	36	39	20.88	20.93	20.82		
15	QPSK	75	0	21.00	20.95	20.93		
15	16QAM	1	0	20.95	20.91	20.94		
15	16QAM	1	37	20.79	20.92	20.83	22	1
15	16QAM	1	74	20.88	20.93	20.85		
15	16QAM	36	0	19.89	20.09	19.82		
15	16QAM	36	20	19.73	19.86	19.77	21	2
15	16QAM	36	39	19.94	19.92	19.83		
15	16QAM	75	0	20.00	19.95	19.90		
15	64QAM	1	0	20.02	20.05	19.86		
15	64QAM	1	37	19.85	19.94	19.77	21	2
15	64QAM	1	74	19.90	19.89	19.83		
15	64QAM	36	0	18.93	18.91	18.95		
15	64QAM	36	20	18.92	18.91	18.77	20	3
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96		
15	256QAM	1	37	16.72	16.90	16.83	18	5
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84		
15	256QAM	36	20	16.95	16.97	16.96	18	5
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.98	21.92		
10	QPSK	1	25	21.88	21.92	21.91	23	0
10	QPSK	1	49	21.92	21.96	21.87		
10	QPSK	25	0	20.89	21.04	20.91		
10	QPSK	25	12	20.80	20.96	20.83	22	1
10	QPSK	25	25	20.88	20.93	20.87		
10	QPSK	50	0	20.97	20.99	20.96		
10	16QAM	1	0	20.93	20.97	20.92		
10	16QAM	1	25	20.79	20.89	20.87	22	1
10	16QAM	1	49	20.96	20.85	20.84		
10	16QAM	25	0	19.91	20.02	19.86		
10	16QAM	25	12	19.80	19.86	19.85	21	2
10	16QAM	25	25	19.88	19.92	19.86		
10	16QAM	50	0	20.00	19.90	19.84		
10	64QAM	1	0	20.02	19.93	19.93		
10	64QAM	1	25	19.75	19.92	19.82	21	2
10	64QAM	1	49	19.89	19.94	19.76		
10	64QAM	25	0	18.98	18.98	18.87		
10	64QAM	25	12	18.91	18.94	18.78	20	3
10	64QAM	25	25	18.93	18.84	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.86	17.01	16.94		
10	256QAM	1	25	16.77	16.92	16.81	18	5
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83		
10	256QAM	25	12	16.98	16.94	17.00	18	5
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.02	21.92		
5	QPSK	1	12	21.86	21.91	21.90	23	0
5	QPSK	1	24	21.87	21.93	21.83		
5	QPSK	12	0	20.95	20.98	20.90		
5	QPSK	12	7	20.87	20.94	20.82	22	1
5	QPSK	12	13	20.95	20.88	20.86		
5	QPSK	25	0	20.91	21.02	20.95		
5	16QAM	1	0	20.99	20.99	20.94		
5	16QAM	1	12	20.80	20.95	20.84	22	1
5	16QAM	1	24	20.97	20.91	20.80		
5	16QAM	12	0	19.83	20.10	19.85		
5	16QAM	12	7	19.71	19.88	19.74	21	2
5	16QAM	12	13	19.94	19.91	19.84		
5	16QAM	25	0	19.97	20.00	19.86		
5	64QAM	1	0	20.06	19.97	19.93		
5	64QAM	1	12	19.76	19.95	19.77	21	2
5	64QAM	1	24	19.94	19.92	19.78		
5	64QAM	12	0	18.99	19.00	18.96		
5	64QAM	12	7	18.82	19.00	18.78	20	3
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91		
5	256QAM	1	12	16.74	16.92	16.90	18	5
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85		
5	256QAM	12	7	17.00	16.96	16.96	18	5
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.88	22.04	21.88		
3	QPSK	1	8	21.80	22.00	21.91	23	0
3	QPSK	1	14	21.86	21.97	21.91		
3	QPSK	8	0	20.94	21.08	20.95		
3	QPSK	8	4	20.77	20.93	20.87	22	1
3	QPSK	8	7	20.94	20.88	20.86		
3	QPSK	15	0	20.95	20.98	20.92		
3	16QAM	1	0	21.03	20.99	21.00		
3	16QAM	1	8	20.84	20.89	20.88	22	1
3	16QAM	1	14	20.88	20.84	20.88		
3	16QAM	8	0	19.93	20.05	19.86		
3	16QAM	8	4	19.73	19.88	19.75	21	2
3	16QAM	8	7	19.87	19.93	19.82		
3	16QAM	15	0	19.99	19.95	19.83		
3	64QAM	1	0	20.02	20.02	19.87		
3	64QAM	1	8	19.84	19.94	19.78	21	2
3	64QAM	1	14	19.88	19.93	19.74		
3	64QAM	8	0	19.00	18.99	18.86		
3	64QAM	8	4	18.87	18.98	18.84	20	3
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90		
3	256QAM	1	8	16.80	16.89	16.83	18	5
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83		
3	256QAM	8	4	16.99	16.93	16.92	18	5
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.87		
1.4	QPSK	1	3	21.82	21.98	21.87		
1.4	QPSK	1	5	21.84	21.94	21.80	23	0
1.4	QPSK	3	0	21.88	21.88	21.82		
1.4	QPSK	3	1	21.77	21.87	21.81		
1.4	QPSK	3	3	21.73	21.87	21.77		
1.4	QPSK	6	0	20.93	20.94	20.95	22	1
1.4	16QAM	1	0	20.97	20.92	20.94		
1.4	16QAM	1	3	20.73	20.94	20.79		
1.4	16QAM	1	5	20.97	20.83	20.88	22	1
1.4	16QAM	3	0	20.91	20.87	20.91		
1.4	16QAM	3	1	20.93	20.85	20.82		
1.4	16QAM	3	3	20.63	20.84	20.75		
1.4	16QAM	6	0	20.00	19.89	19.88	21	2
1.4	64QAM	1	0	19.96	19.99	19.91		
1.4	64QAM	1	3	19.80	19.99	19.84		
1.4	64QAM	1	5	19.85	19.87	19.77	21	2
1.4	64QAM	3	0	19.92	19.80	19.80		
1.4	64QAM	3	1	19.88	19.91	19.82		
1.4	64QAM	3	3	19.67	19.88	19.76		
1.4	64QAM	6	0	18.93	18.97	18.91	20	3
1.4	256QAM	1	0	16.93	16.97	16.93		
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77	18	5
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.87	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.87	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.66	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.38	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.34	22.41	22.32		
20	QPSK	1	49	22.30	22.36	22.16	23	0
20	QPSK	1	99	22.20	22.40	22.23		
20	QPSK	50	0	21.44	21.45	21.25		
20	QPSK	50	24	21.35	21.32	21.23	22	1
20	QPSK	50	50	21.21	21.28	21.31		
20	QPSK	100	0	21.35	21.41	21.29		
20	16QAM	1	0	21.29	21.33	21.33		
20	16QAM	1	49	21.35	21.39	21.12	22	1
20	16QAM	1	99	21.20	21.33	21.21		
20	16QAM	50	0	20.44	20.39	20.25		
20	16QAM	50	24	20.41	20.45	20.22	21	2
20	16QAM	50	50	20.21	20.28	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24		
20	64QAM	1	49	20.40	20.34	20.15	21	2
20	64QAM	1	99	20.15	20.35	20.33		
20	64QAM	50	0	19.32	19.42	19.23		
20	64QAM	50	24	19.43	19.32	19.24	20	3
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26		
20	256QAM	1	49	17.40	17.31	17.19	18	5
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18		
20	256QAM	50	24	17.25	17.40	17.29	18	5
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.23	22.34	22.20		
15	QPSK	1	37	22.26	22.25	22.12	23	0
15	QPSK	1	74	22.08	22.31	22.14		
15	QPSK	36	0	21.31	21.42	21.19		
15	QPSK	36	20	21.21	21.27	21.18	22	1
15	QPSK	36	39	21.15	21.26	21.17		
15	QPSK	75	0	21.30	21.38	21.24		
15	16QAM	1	0	21.23	21.25	21.28		
15	16QAM	1	37	21.28	21.36	21.06	22	1
15	16QAM	1	74	21.08	21.22	21.14		
15	16QAM	36	0	20.32	20.31	20.21		
15	16QAM	36	20	20.28	20.40	20.11	21	2
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16		
15	64QAM	1	37	20.35	20.23	20.12	21	2
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12		
15	64QAM	36	20	19.38	19.19	19.10	20	3
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.38	19.24		
15	256QAM	1	0	17.32	17.27	17.17		
15	256QAM	1	37	17.26	17.25	17.11	18	5
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12		
15	256QAM	36	20	17.12	17.36	17.16	18	5
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.30	22.21		
10	QPSK	1	25	22.18	22.22	22.02	23	0
10	QPSK	1	49	22.08	22.38	22.13		
10	QPSK	25	0	21.31	21.42	21.22		
10	QPSK	25	12	21.31	21.27	21.19	22	1
10	QPSK	25	25	21.13	21.16	21.21		
10	QPSK	50	0	21.24	21.39	21.25		
10	16QAM	1	0	21.17	21.25	21.25		
10	16QAM	1	25	21.27	21.32	21.08	22	1
10	16QAM	1	49	21.18	21.21	21.08		
10	16QAM	25	0	20.37	20.35	20.14		
10	16QAM	25	12	20.31	20.39	20.15	21	2
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15		
10	64QAM	1	25	20.27	20.22	20.03	21	2
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15		
10	64QAM	25	12	19.29	19.19	19.15	20	3
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15		
10	256QAM	1	25	17.31	17.21	17.15	18	5
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14		
10	256QAM	25	12	17.12	17.32	17.26	18	5
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.24	22.36	22.28		
5	QPSK	1	12	22.24	22.31	22.02	23	0
5	QPSK	1	24	22.14	22.28	22.19		
5	QPSK	12	0	21.40	21.32	21.17		
5	QPSK	12	7	21.27	21.29	21.18	22	1
5	QPSK	12	13	21.11	21.22	21.20		
5	QPSK	25	0	21.21	21.28	21.22		
5	16QAM	1	0	21.19	21.30	21.26		
5	16QAM	1	12	21.32	21.33	21.08	22	1
5	16QAM	1	24	21.16	21.29	21.16		
5	16QAM	12	0	20.41	20.32	20.22		
5	16QAM	12	7	20.30	20.33	20.11	21	2
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13		
5	64QAM	1	12	20.35	20.30	20.09	21	2
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14		
5	64QAM	12	7	19.39	19.22	19.14	20	3
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.18		
5	256QAM	1	12	17.27	17.25	17.07	18	5
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06		
5	256QAM	12	7	17.14	17.34	17.19	18	5
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.27	22.28		
3	QPSK	1	8	22.28	22.32	22.13	23	0
3	QPSK	1	14	22.14	22.36	22.15		
3	QPSK	8	0	21.34	21.36	21.11		
3	QPSK	8	4	21.25	21.28	21.16	22	1
3	QPSK	8	7	21.15	21.22	21.20		
3	QPSK	15	0	21.23	21.39	21.18		
3	16QAM	1	0	21.20	21.31	21.24		
3	16QAM	1	8	21.32	21.33	20.99	22	1
3	16QAM	1	14	21.16	21.29	21.18		
3	16QAM	8	0	20.32	20.30	20.21		
3	16QAM	8	4	20.38	20.39	20.14	21	2
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13		
3	64QAM	1	8	20.36	20.25	20.03	21	2
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11		
3	64QAM	8	4	19.33	19.25	19.13	20	3
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20		
3	256QAM	1	8	17.33	17.27	17.07	18	5
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05		
3	256QAM	8	4	17.18	17.35	17.20	18	5
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.21	22.29	22.26		
1.4	QPSK	1	3	22.25	22.22	22.13		
1.4	QPSK	1	5	22.17	22.36	22.12	23	0
1.4	QPSK	3	0	22.09	22.22	22.16		
1.4	QPSK	3	1	22.22	22.19	22.06		
1.4	QPSK	3	3	22.07	22.28	22.06		
1.4	QPSK	6	0	21.23	21.28	21.18	22	1
1.4	16QAM	1	0	21.19	21.28	21.22		
1.4	16QAM	1	3	21.32	21.35	21.05		
1.4	16QAM	1	5	21.08	21.23	21.17	22	1
1.4	16QAM	3	0	21.11	21.18	21.11		
1.4	16QAM	3	1	21.15	21.24	21.10		
1.4	16QAM	3	3	21.24	21.25	21.00		
1.4	16QAM	6	0	20.27	20.25	20.17	21	2
1.4	64QAM	1	0	20.10	20.20	20.10		
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30	21	2
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	3
1.4	256QAM	1	0	17.29	17.33	17.14		
1.4	256QAM	1	3	17.30	17.28	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24	18	5
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38		
15	QPSK	1	37	22.35	22.43	22.35	24	0
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32		
15	QPSK	36	20	21.30	21.45	21.31	23	1
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36		
15	16QAM	1	37	21.36	21.39	21.38	23	1
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33		
15	16QAM	36	20	20.28	20.45	20.28	22	2
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33		
15	64QAM	1	37	20.36	20.34	20.35	22	2
15	64QAM	1	74	20.36	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32		
15	64QAM	36	20	19.35	19.42	19.30	21	3
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36		
15	256QAM	1	37	17.34	17.40	17.26	19	5
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36		
15	256QAM	36	20	17.44	17.44	17.39	19	5
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29		
10	QPSK	1	25	22.22	22.33	22.28	24	0
10	QPSK	1	49	22.22	22.33	22.22		
10	QPSK	25	0	21.26	21.46	21.29		
10	QPSK	25	12	21.22	21.31	21.17	23	1
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24		
10	16QAM	1	25	21.28	21.35	21.27	23	1
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28		
10	16QAM	25	12	20.23	20.33	20.22	22	2
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29		
10	64QAM	1	25	20.23	20.28	20.21	22	2
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21		
10	64QAM	25	12	19.23	19.32	19.17	21	3
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24		
10	256QAM	1	25	17.27	17.39	17.15	19	5
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30		
10	256QAM	25	12	17.35	17.36	17.29	19	5
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29		
5	QPSK	1	12	22.29	22.34	22.27	24	0
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19		
5	QPSK	12	7	21.27	21.43	21.22	23	1
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28		
5	16QAM	1	12	21.34	21.27	21.36	23	1
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19		
5	16QAM	12	7	20.19	20.39	20.23	22	2
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24		
5	64QAM	1	12	20.27	20.27	20.27	22	2
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19		
5	64QAM	12	7	19.32	19.32	19.23	21	3
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28		
5	256QAM	1	12	17.25	17.31	17.15	19	5
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23		
5	256QAM	12	7	17.40	17.40	17.25	19	5
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34		
3	QPSK	1	8	22.32	22.34	22.30	24	0
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25		
3	QPSK	8	4	21.25	21.35	21.24	23	1
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30		
3	16QAM	1	8	21.29	21.31	21.26	23	1
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25		
3	16QAM	8	4	20.16	20.32	20.24	22	2
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27		
3	64QAM	1	8	20.22	20.23	20.28	22	2
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23		
3	64QAM	8	4	19.22	19.40	19.25	21	3
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28		
3	256QAM	1	8	17.28	17.33	17.18	19	5
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.32	17.36	17.36	19	5
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26607	26765	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28		
1.4	QPSK	1	3	22.26	22.32	22.27		
1.4	QPSK	1	5	22.21	22.37	22.25	24	0
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.35	21.36	21.32		
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17	23	1
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24		
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18	22	2
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31		
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21	19	5
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85			
10	QPSK	1	25		20.83		22	0
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91			
10	QPSK	25	12		19.80		21	1
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84			
10	16QAM	1	25		19.86		21	1
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95			
10	16QAM	25	12		18.78		20	2
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85			
10	64QAM	1	25		18.89		20	2
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96			
10	64QAM	25	12		17.82		19	3
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86			
10	256QAM	1	25		15.77		17	5
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90			
10	256QAM	25	12		15.86		17	5
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79		
5	QPSK	1	12	20.77	20.77	20.72	22	0
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89		
5	QPSK	12	7	19.72	19.67	19.67	21	1
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72		
5	16QAM	1	12	19.84	19.81	19.76	21	1
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83		
5	16QAM	12	7	18.69	18.70	18.76	20	2
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76		
5	64QAM	1	12	18.78	18.79	18.79	20	2
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83		
5	64QAM	12	7	17.68	17.73	17.75	19	3
5	64QAM	12	13	17.70	17.75	17.69		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.72	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.99	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.94	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.78	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133347	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	685.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.43	23.40	25	0
20	QPSK	1	49	23.18	23.29	23.31		
20	QPSK	1	99	23.16	23.27	23.26		
20	QPSK	50	0	22.25	22.37	22.33	24	1
20	QPSK	50	24	22.18	22.25	22.35		
20	QPSK	50	50	22.18	22.32	22.30		
20	QPSK	100	0	22.25	22.38	22.28		
20	16QAM	1	0	22.12	22.33	22.42	24	1
20	16QAM	1	49	22.16	22.40	22.23		
20	16QAM	1	99	22.14	22.29	22.25		
20	16QAM	50	0	21.16	21.35	21.31	23	2
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	2
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	3
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	5
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	5
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37725	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.08	23.33	23.25	25	0
15	QPSK	1	37	23.06	23.25	23.21		
15	QPSK	1	74	23.06	23.12	23.20		
15	QPSK	36	0	22.21	22.31	22.23	24	1
15	QPSK	36	20	22.12	22.13	22.28		
15	QPSK	36	39	22.12	22.21	22.24		
15	QPSK	75	0	22.16	22.30	22.18		
15	16QAM	1	0	22.00	22.25	22.31	24	1
15	16QAM	1	37	22.02	22.25	22.14		
15	16QAM	1	74	22.08	22.12	22.12		
15	16QAM	36	0	21.10	21.27	21.17	23	2
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	2
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	3
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	5
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	5
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.10	23.36	23.28	25	0
10	QPSK	1	25	23.11	23.18	23.23		
10	QPSK	1	49	23.07	23.21	23.14		
10	QPSK	25	0	22.18	22.26	22.27	24	1
10	QPSK	25	12	22.12	22.19	22.24		
10	QPSK	25	25	22.02	22.20	22.16		
10	QPSK	50	0	22.13	22.25	22.17		
10	16QAM	1	0	22.04	22.28	22.31	24	1
10	16QAM	1	25	22.07	22.33	22.19		
10	16QAM	1	49	22.20	22.22	22.13		
10	16QAM	25	0	21.01	21.26	21.16	23	2
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.20	21.31	23	2
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	3
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	5
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	5
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37725	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.05	23.32	23.29	25	0
5	QPSK	1	12	23.03	23.24	23.17		
5	QPSK	1	24	23.10	23.16	23.17		
5	QPSK	12	0	22.14	22.28	22.23	24	1
5	QPSK	12	7	22.08	22.13	22.24		
5	QPSK	12	13	22.13	22.26	22.20		
5	QPSK	25	0	22.11	22.31	22.18		
5	16QAM	1	0	22.00	22.24	22.33	24	1
5	16QAM	1	12	22.11	22.26	22.07		
5	16QAM	1	24	22.01	22.14	22.17		
5	16QAM	12	0	21.11	21.20	21.19	23	2
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	2
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	3
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	5
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	5
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.81	23.96	23.94	23.88	25	0
20	QPSK	1	49	23.71	23.77	23.93	23.91	23.77		
20	QPSK	1	99	23.73	23.72	23.90	23.87	23.75		
20	QPSK	50	0	22.90	22.81	23.00	22.95	22.89	24	1
20	QPSK	50	24	22.69	22.83	22.87	22.92	22.76		
20	QPSK	50	50	22.75	22.77	22.91	22.90	22.74		
20	QPSK	100	0	22.86	22.84	22.99	22.91	22.91		
20	16QAM	1	0	22.88	22.78	22.96	22.98	22.86	24	1
20	16QAM	1	49	22.66	22.78	22.95	22.85	22.79		
20	16QAM	1	99	22.74	22.75	22.87	22.85	22.77		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	2
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	2
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	3
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	5
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	5
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.73	23.76	23.85	23.88	23.79	25.00	0
15	QPSK	1	37	23.62	23.75	23.91	23.84	23.69		
15	QPSK	1	74	23.66	23.58	23.81	23.74	23.71		
15	QPSK	36	0	22.80	22.78	22.87	22.90	22.83	24	1
15	QPSK	36	20	22.61	22.79	22.80	22.78	22.73		
15	QPSK	36	39	22.71	22.70	22.88	22.83	22.63		
15	QPSK	75	0	22.75	22.75	22.89	22.83	22.88		
15	16QAM	1	0	22.85	22.64	22.92	22.94	22.81	24	1
15	16QAM	1	37	22.63	22.71	22.90	22.77	22.77		
15	16QAM	1	74	22.67	22.67	22.82	22.79	22.71		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	2
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	2
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	3
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	5
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	5
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.73	23.94	23.82	23.78	25.00	0
10	QPSK	1	25	23.61	23.67	23.80	23.87	23.75		
10	QPSK	1	49	23.65	23.65	23.82	23.79	23.67		
10	QPSK	25	0	22.84	22.73	22.96	22.86	22.79	24	1
10	QPSK	25	12	22.62	22.71	22.83	22.88	22.63		
10	QPSK	25	25	22.66	22.68	22.82	22.83	22.70		
10	QPSK	50	0	22.83	22.79	22.92	22.86	22.85		
10	16QAM	1	0	22.84	22.71	22.93	22.86	22.73	24	1
10	16QAM	1	25	22.61	22.65	22.84	22.73	22.75		
10	16QAM	1	49	22.66	22.64	22.82	22.79	22.66		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	2
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	2
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	3
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	5
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	5
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.77	23.84	23.81	23.78	25.00	0
5	QPSK	1	12	23.62	23.73	23.83	23.77	23.64		
5	QPSK	1	24	23.71	23.68	23.83	23.82	23.67		
5	QPSK	12	0	22.77	22.77	22.95	22.87	22.77	24	1
5	QPSK	12	7	22.58	22.70	22.82	22.88	22.72		
5	QPSK	12	13	22.62	22.74	22.79	22.80	22.64		
5	QPSK	25	0	22.72	22.74	22.97	22.87	22.86		
5	16QAM	1	0	22.74	22.75	22.88	22.87	22.81	24	1
5	16QAM	1	12	22.63	22.67	22.84	22.76	22.68		
5	16QAM	1	24	22.67	22.64	22.81	22.77	22.67		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	2
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	2
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	3
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	5
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	5
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.88	25.96	26.02	25.92	25.93	27	0
20	QPSK	1	49	25.84	25.93	25.98	25.86	25.84		
20	QPSK	1	99	25.79	25.91	25.97	25.80	25.85		
20	QPSK	50	0	24.88	25.01	25.06	24.95	24.95	26	1
20	QPSK	50	24	24.84	24.91	25.01	24.84	24.87		
20	QPSK	50	50	24.81	24.92	25.02	24.75	24.85		
20	QPSK	100	0	24.86	24.96	25.03	24.92	24.91		
20	16QAM	1	0	24.91	24.97	25.02	24.92	24.98	26	1
20	16QAM	1	49	24.84	24.87	25.01	24.91	24.84		
20	16QAM	1	99	24.77	24.95	24.99	24.77	24.88		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	2
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	2
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	3
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.83	25.88	25.94	25.81	25.91	27.00	0
15	QPSK	1	37	25.72	25.88	25.93	25.79	25.72		
15	QPSK	1	74	25.74	25.80	25.90	25.74	25.81		
15	QPSK	36	0	24.84	24.89	24.95	24.91	24.84	26	1
15	QPSK	36	20	24.75	24.82	24.88	24.71	24.75		
15	QPSK	36	39	24.71	24.84	24.96	24.70	24.81		
15	QPSK	75	0	24.75	24.83	24.92	24.82	24.84		
15	16QAM	1	0	24.84	24.90	24.93	24.84	24.87	26	1
15	16QAM	1	37	24.71	24.85	24.88	24.80	24.78		
15	16QAM	1	74	24.75	24.83	24.88	24.74	24.80		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	2
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	2
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	3
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.75	22	5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.92	25.89	25.86	25.89	27.00	0
10	QPSK	1	25	25.71	25.85	25.95	25.75	25.75		
10	QPSK	1	49	25.77	25.83	25.83	25.66	25.82		
10	QPSK	25	0	24.85	24.99	25.02	24.86	24.88	26	1
10	QPSK	25	12	24.73	24.80	24.92	24.77	24.79		
10	QPSK	25	25	24.70	24.84	24.91	24.72	24.72		
10	QPSK	50	0	24.73	24.88	25.00	24.88	24.88		
10	16QAM	1	0	24.85	24.85	24.89	24.86	24.90	26	1
10	16QAM	1	25	24.77	24.82	24.99	24.83	24.70		
10	16QAM	1	49	24.72	24.85	24.93	24.66	24.78		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	2
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.01	23.90	23.84		
10	64QAM	1	0	23.76	23.87	23.95	23.83	23.88	25	2
10	64QAM	1	25	23.69	23.74	23.92	23.85	23.88		
10	64QAM	1	49	23.63	23.82

GSM1900 Ant2 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.22	30.30	30.16	30.50	21.22	21.30	21.16	21.50
GPRS 1 Tx slot	30.15	30.25	30.13	30.50	21.15	21.25	21.13	21.50
GPRS 2 Tx slots	27.69	27.76	27.72	28.50	21.69	21.76	21.72	22.50
GPRS 3 Tx slots	25.49	25.56	25.52	26.50	21.23	21.30	21.26	22.24
GPRS 4 Tx slots	23.60	23.70	23.68	25.00	20.60	20.70	20.68	22.00
EDGE 1 Tx slot	24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots	23.71	23.75	23.67	25.00	17.71	17.75	17.67	19.00
EDGE 3 Tx slots	22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots	19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant2 DSI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.96	22.03	22.05	23.20	21.67	21.71	21.67	22.80
3GPP Rel 99	RMC 12.2Kbps	22.03	22.07	22.02	23.20	21.73	21.87	21.79	22.80
3GPP Rel 6	HSDPA Subtest-1	21.09	21.08	20.96	22.20	20.78	20.72	20.74	21.80
3GPP Rel 6	HSDPA Subtest-2	21.00	21.12	21.07	22.20	20.73	20.79	20.74	21.80
3GPP Rel 6	HSDPA Subtest-3	20.53	20.62	20.51	21.70	20.21	20.24	20.21	21.30
3GPP Rel 6	HSDPA Subtest-4	20.55	20.59	20.56	21.70	20.26	20.34	20.26	21.30
3GPP Rel 8	DC-HSDPA Subtest-1	21.02	21.09	21.12	22.20	20.62	20.80	20.76	21.80
3GPP Rel 8	DC-HSDPA Subtest-2	21.00	21.09	21.02	22.20	20.75	20.80	20.75	21.80
3GPP Rel 8	DC-HSDPA Subtest-3	20.55	20.66	20.52	21.70	20.28	20.37	20.19	21.30
3GPP Rel 8	DC-HSDPA Subtest-4	20.58	20.62	20.56	21.70	20.31	20.28	20.15	21.30
3GPP Rel 6	HSUPA Subtest-1	21.08	21.09	21.06	22.20	20.73	20.73	20.79	21.80
3GPP Rel 6	HSUPA Subtest-2	19.06	19.12	18.96	20.20	18.72	18.87	18.62	19.80
3GPP Rel 6	HSUPA Subtest-3	20.11	20.10	20.03	21.20	19.84	19.86	19.66	20.80
3GPP Rel 6	HSUPA Subtest-4	19.11	19.19	19.07	20.20	18.75	18.81	18.70	19.80
3GPP Rel 6	HSUPA Subtest-5	21.08	21.12	20.99	22.20	20.70	20.80	20.72	21.80

Band 2 Ant 2 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.67	22.71	22.66	23.9	0
20	QPSK	1	49	22.54	22.69	22.63		
20	QPSK	1	99	22.55	22.65	22.56		
20	QPSK	50	0	21.63	21.76	21.67	23	0.9
20	QPSK	50	24	21.49	21.64	21.63		
20	QPSK	50	50	21.50	21.59	21.54		
20	QPSK	100	0	21.71	21.74	21.70		
20	16QAM	1	0	21.63	21.73	21.64	23	0.9
20	16QAM	1	49	21.60	21.69	21.61		
20	16QAM	1	99	21.51	21.65	21.61		
20	16QAM	50	0	20.60	20.80	20.70	22	1.9
20	16QAM	50	24	20.48	20.70	20.59		
20	16QAM	50	50	20.45	20.64	20.55		
20	16QAM	100	0	20.70	20.68	20.66		
20	64QAM	1	0	20.67	20.70	20.62	22	1.9
20	64QAM	1	49	20.62	20.64	20.66		
20	64QAM	1	99	20.50	20.63	20.63		
20	64QAM	50	0	19.69	19.81	19.63	21	2.9
20	64QAM	50	24	19.53	19.65	19.59		
20	64QAM	50	50	19.52	19.61	19.48		
20	64QAM	100	0	19.75	19.76	19.75		
20	256QAM	1	0	17.66	17.82	17.62	19	4.9
20	256QAM	1	49	17.50	17.62	17.59		
20	256QAM	1	99	17.55	17.63	17.55		
20	256QAM	50	0	17.75	17.69	17.74	19	4.9
20	256QAM	50	24	17.63	17.71	17.62		
20	256QAM	50	50	17.60	17.71	17.64		
20	256QAM	100	0	17.53	17.65	17.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.64	22.57	23.9	0
15	QPSK	1	37	22.49	22.61	22.61		
15	QPSK	1	74	22.47	22.52	22.48		
15	QPSK	36	0	21.59	21.69	21.58	23	0.9
15	QPSK	36	20	21.35	21.60	21.53		
15	QPSK	36	39	21.42	21.54	21.46		
15	QPSK	75	0	21.69	21.65	21.63		
15	16QAM	1	0	21.61	21.69	21.60	23	0.9
15	16QAM	1	37	21.50	21.56	21.58		
15	16QAM	1	74	21.45	21.60	21.54		
15	16QAM	36	0	20.53	20.67	20.56	22	1.9
15	16QAM	36	20	20.39	20.59	20.47		
15	16QAM	36	39	20.43	20.62	20.46		
15	16QAM	75	0	20.65	20.61	20.53		
15	64QAM	1	0	20.60	20.64	20.52	22	1.9
15	64QAM	1	37	20.55	20.58	20.54		
15	64QAM	1	74	20.39	20.56	20.56		
15	64QAM	36	0	19.61	19.76	19.60	21	2.9
15	64QAM	36	20	19.48	19.55	19.47		
15	64QAM	36	39	19.39	19.56	19.43		
15	64QAM	75	0	19.65	19.74	19.68		
15	256QAM	1	0	17.64	17.75	17.50	19	4.9
15	256QAM	1	37	17.37	17.60	17.46		
15	256QAM	1	74	17.42	17.57	17.44		
15	256QAM	36	0	17.71	17.58	17.64	19	4.9
15	256QAM	36	20	17.53	17.69	17.53		
15	256QAM	36	39	17.49	17.67	17.62		
15	256QAM	75	0	17.42	17.63	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.58	22.63	22.59	23.9	0
10	QPSK	1	25	22.50	22.62	22.50		
10	QPSK	1	49	22.43	22.62	22.45		
10	QPSK	25	0	21.50	21.64	21.63	23	0.9
10	QPSK	25	12	21.42	21.61	21.57		
10	QPSK	25	25	21.40	21.53	21.43		
10	QPSK	50	0	21.61	21.70	21.63		
10	16QAM	1	0	21.56	21.64	21.59	23	0.9
10	16QAM	1	25	21.47	21.55	21.56		
10	16QAM	1	49	21.45	21.62	21.58		
10	16QAM	25	0	20.56	20.69	20.65	22	1.9
10	16QAM	25	12	20.37	20.60	20.52		
10	16QAM	25	25	20.31	20.59	20.45		
10	16QAM	50	0	20.61	20.61	20.54		
10	64QAM	1	0	20.63	20.67	20.53	22	1.9
10	64QAM	1	25	20.53	20.56	20.58		
10	64QAM	1	49	20.39	20.52	20.57		
10	64QAM	25	0	19.63	19.79	19.54	21	2.9
10	64QAM	25	12	19.47	19.61	19.48		
10	64QAM	25	25	19.45	19.57	19.45		
10	64QAM	50	0	19.72	19.66	19.71		
10	256QAM	1	0	17.59	17.71	17.55	19	4.9
10	256QAM	1	25	17.40	17.59	17.48		
10	256QAM	1	49	17.43	17.51	17.47		
10	256QAM	25	0	17.73	17.61	17.64	19	4.9
10	256QAM	25	12	17.36	17.66	17.49		
10	256QAM	25	25	17.48	17.59	17.60		
10	256QAM	50	0	17.49	17.56	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.59	22.65	22.64	23.9	0
5	QPSK	1	12	22.42	22.61	22.52		
5	QPSK	1	24	22.48	22.62	22.49		
5	QPSK	12	0	21.58	21.62	21.63	23	0.9
5	QPSK	12	7	21.41	21.56	21.60		
5	QPSK	12	13	21.40	21.51	21.46		
5	QPSK	25	0	21.58	21.61	21.65		
5	16QAM	1	0	21.50	21.68	21.51	23	0.9
5	16QAM	1	12	21.48	21.57	21.58		
5	16QAM	1	24	21.46	21.54	21.54		
5	16QAM	12	0	20.49	20.73	20.62	22	1.9
5	16QAM	12	7	20.36	20.60	20.51		
5	16QAM	12	13	20.42	20.56	20.42		
5	16QAM	25	0	20.66	20.60	20.58		
5	64QAM	1	0	20.59	20.57	20.51	22	1.9
5	64QAM	1	12	20.51	20.50	20.63		
5	64QAM	1	24	20.46	20.50	20.53		
5	64QAM	12	0	19.65	19.78	19.60	21	2.9
5	64QAM	12	7	19.45	19.51	19.49		
5	64QAM	12	13	19.47	19.58	19.36		
5	64QAM	25	0	19.72	19.66	19.65		
5	256QAM	1	0	17.62	17.70	17.51	19	4.9
5	256QAM	1	12	17.36	17.50	17.56		
5	256QAM	1	24	17.52	17.54	17.43		
5	256QAM	12	0	17.61	17.57	17.71	19	4.9
5	256QAM	12	7	17.58	17.64	17.56		
5	256QAM	12	13	17.51	17.61	17.54		
5	256QAM	25	0	17.48	17.61	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.60	22.61	22.54	23.9	0
3	QPSK	1	8	22.43	22.55	22.53		
3	QPSK	1	14	22.44	22.61	22.43		
3	QPSK	8	0	21.59	21.73	21.61	23	0.9
3	QPSK	8	4	21.41	21.56	21.59		
3	QPSK	8	7	21.46	21.46	21.41		
3	QPSK	15	0	21.68	21.66	21.59		
3	16QAM	1	0	21.49	21.66	21.61	23	0.9
3	16QAM	1	8	21.53	21.58	21.50		
3	16QAM	1	14	21.45	21.56	21.55		
3	16QAM	8	0	20.49	20.68	20.59	22	1.9
3	16QAM	8	4	20.38	20.59	20.50		
3	16QAM	8	7	20.31	20.57	20.41		
3	16QAM	15	0	20.56	20.55	20.54		
3	64QAM	1	0	20.63	20.65	20.50	22	1.9
3	64QAM	1	8	20.59	20.62	20.59		
3	64QAM	1	14	20.45	20.54	20.55		
3	64QAM	8	0	19.62	19.78	19.55	21	2.9
3	64QAM	8	4	19.43	19.57	19.50		
3	64QAM	8	7	19.40	19.57	19.38		
3	64QAM	15	0	19.72	19.74	19.71		
3	256QAM	1	0	17.62	17.78	17.56	19	4.9
3	256QAM	1	8	17.46	17.55	17.55		
3	256QAM	1	14	17.48	17.53	17.52		
3	256QAM	8	0	17.63	17.56	17.65	19	4.9
3	256QAM	8	4	17.61	17.67	17.58		
3	256QAM	8	7	17.49	17.67	17.54		
3	256QAM	15	0	17.39	17.59	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.55	23.9	0
1.4	QPSK	1	3	22.43	22.61	22.50		
1.4	QPSK	1	5	22.49	22.52	22.46		
1.4	QPSK	3	0	22.52	22.54	22.53		
1.4	QPSK	3	1	22.40	22.51	22.41		
1.4	QPSK	3	3	22.42	22.38	22.41		
1.4	QPSK	6	0	21.64	21.69	21.65	23	0.9
1.4	16QAM	1	0	21.59	21.64	21.52	23	0.9
1.4	16QAM	1	3	21.48	21.57	21.50		
1.4	16QAM	1	5	21.46	21.55	21.47		
1.4	16QAM	3	0	21.51	21.65	21.63		
1.4	16QAM	3	1	21.48	21.61	21.49		
1.4	16QAM	3	3	21.35	21.46	21.42		
1.4	16QAM	6	0	20.60	20.63	20.54	22	1.9
1.4	64QAM	1	0	20.60	20.63	20.56	22	1.9
1.4	64QAM	1	3	20.52	20.53	20.57		
1.4	64QAM	1	5	20.43	20.60	20.49		
1.4	64QAM	3	0	20.48	20.61	20.41		
1.4	64QAM	3	1	20.47	20.59	20.44		
1.4	64QAM	3	3	20.42	20.39	20.52		
1.4	64QAM	6	0	19.71	19.64	19.68	21	2.9
1.4	256QAM	1	0	17.63	17.80	17.49	19	4.9
1.4	256QAM	1	3	17.47	17.57	17.51		
1.4	256QAM	1	5	17.47	17.61	17.43		
1.4	256QAM	3	0	17.67	17.66	17.68		
1.4	256QAM	3	1	17.54	17.67	17.60		
1.4	256QAM	3	3	17.53	17.62	17.60		
1.4	256QAM	6	0	17.44	17.54	17.53	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.68	22.72	22.67	24	0
20	QPSK	1	49	22.61	22.69	22.62		
20	QPSK	1	99	22.64	22.66	22.58		
20	QPSK	50	0	21.66	21.78	21.69	23	1
20	QPSK	50	24	21.55	21.72	21.66		
20	QPSK	50	50	21.65	21.71	21.59		
20	QPSK	100	0	21.66	21.76	21.72		
20	16QAM	1	0	21.70	21.74	21.66	23	1
20	16QAM	1	49	21.58	21.65	21.61		
20	16QAM	1	99	21.66	21.68	21.58		
20	16QAM	50	0	20.60	20.83	20.65	22	2
20	16QAM	50	24	20.55	20.67	20.69		
20	16QAM	50	50	20.67	20.75	20.60		
20	16QAM	100	0	20.67	20.75	20.68		
20	64QAM	1	0	20.68	20.76	20.69	22	2
20	64QAM	1	49	20.61	20.65	20.64		
20	64QAM	1	99	20.69	20.64	20.57		
20	64QAM	50	0	19.64	19.74	19.72	21	3
20	64QAM	50	24	19.52	19.71	19.65		
20	64QAM	50	50	19.69	19.74	19.56		
20	64QAM	100	0	19.63	19.72	19.67		
20	256QAM	1	0	17.71	17.74	17.70	19	5
20	256QAM	1	49	17.52	17.75	17.63		
20	256QAM	1	99	17.70	17.72	17.55		
20	256QAM	50	0	17.65	17.72	17.71	19	5
20	256QAM	50	24	17.65	17.71	17.64		
20	256QAM	50	50	17.54	17.66	17.57		
20	256QAM	100	0	17.71	17.73	17.61		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.59	22.67	22.61	24	0
15	QPSK	1	37	22.58	22.57	22.54		
15	QPSK	1	74	22.59	22.64	22.52		
15	QPSK	36	0	21.53	21.70	21.55	23	1
15	QPSK	36	20	21.51	21.62	21.58		
15	QPSK	36	39	21.56	21.59	21.51		
15	QPSK	75	0	21.61	21.63	21.60		
15	16QAM	1	0	21.66	21.66	21.55	23	1
15	16QAM	1	37	21.47	21.57	21.54		
15	16QAM	1	74	21.64	21.60	21.50		
15	16QAM	36	0	20.48	20.78	20.59	22	2
15	16QAM	36	20	20.47	20.60	20.63		
15	16QAM	36	39	20.58	20.61	20.47		
15	16QAM	75	0	20.56	20.67	20.65		
15	64QAM	1	0	20.60	20.68	20.62	22	2
15	64QAM	1	37	20.54	20.52	20.62		
15	64QAM	1	74	20.65	20.55	20.51		
15	64QAM	36	0	19.61	19.64	19.69	21	3
15	64QAM	36	20	19.39	19.59	19.54		
15	64QAM	36	39	19.59	19.66	19.48		
15	64QAM	75	0	19.53	19.64	19.55		
15	256QAM	1	0	17.58	17.61	17.60	19	5
15	256QAM	1	37	17.38	17.63	17.54		
15	256QAM	1	74	17.64	17.65	17.44		
15	256QAM	36	0	17.56	17.66	17.68	19	5
15	256QAM	36	20	17.56	17.58	17.53		
15	256QAM	36	39	17.51	17.55	17.46		
15	256QAM	75	0	17.61	17.65	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.60	22.66	22.62	24	0
10	QPSK	1	25	22.52	22.64	22.56		
10	QPSK	1	49	22.56	22.58	22.43		
10	QPSK	25	0	21.56	21.74	21.59	23	1
10	QPSK	25	12	21.45	21.61	21.56		
10	QPSK	25	25	21.57	21.61	21.57		
10	QPSK	50	0	21.60	21.71	21.63		
10	16QAM	1	0	21.68	21.65	21.64	23	1
10	16QAM	1	25	21.49	21.55	21.54		
10	16QAM	1	49	21.60	21.61	21.49		
10	16QAM	25	0	20.53	20.75	20.63	22	2
10	16QAM	25	12	20.46	20.64	20.57		
10	16QAM	25	25	20.61	20.62	20.54		
10	16QAM	50	0	20.61	20.66	20.61		
10	64QAM	1	0	20.64	20.67	20.65	22	2
10	64QAM	1	25	20.47	20.51	20.54		
10	64QAM	1	49	20.64	20.57	20.54		
10	64QAM	25	0	19.61	19.71	19.69	21	3
10	64QAM	25	12	19.50	19.68	19.54		
10	64QAM	25	25	19.58	19.66	19.53		
10	64QAM	50	0	19.59	19.63	19.56		
10	256QAM	1	0	17.67	17.72	17.67	19	5
10	256QAM	1	25	17.39	17.73	17.52		
10	256QAM	1	49	17.57	17.63	17.49		
10	256QAM	25	0	17.57	17.59	17.58	19	5
10	256QAM	25	12	17.55	17.66	17.56		
10	256QAM	25	25	17.48	17.55	17.47		
10	256QAM	50	0	17.62	17.70	17.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.63	22.61	24	0
5	QPSK	1	12	22.48	22.63	22.51		
5	QPSK	1	24	22.58	22.62	22.44		
5	QPSK	12	0	21.55	21.69	21.60	23	1
5	QPSK	12	7	21.51	21.64	21.58		
5	QPSK	12	13	21.59	21.60	21.49		
5	QPSK	25	0	21.57	21.65	21.65		
5	16QAM	1	0	21.58	21.63	21.53	23	1
5	16QAM	1	12	21.55	21.52	21.56		
5	16QAM	1	24	21.55	21.63	21.47		
5	16QAM	12	0	20.51	20.77	20.61	22	2
5	16QAM	12	7	20.50	20.53	20.57		
5	16QAM	12	13	20.56	20.68	20.55		
5	16QAM	25	0	20.60	20.71	20.55		
5	64QAM	1	0	20.56	20.71	20.65	22	2
5	64QAM	1	12	20.52	20.60	20.50		
5	64QAM	1	24	20.63	20.54	20.52		
5	64QAM	12	0	19.52	19.68	19.61	21	3
5	64QAM	12	7	19.42	19.65	19.52		
5	64QAM	12	13	19.62	19.60	19.44		
5	64QAM	25	0	19.59	19.64	19.58		
5	256QAM	1	0	17.59	17.66	17.64	19	5
5	256QAM	1	12	17.42	17.71	17.60		
5	256QAM	1	24	17.63	17.66	17.45		
5	256QAM	12	0	17.59	17.58	17.57	19	5
5	256QAM	12	7	17.60	17.63	17.50		
5	256QAM	12	13	17.51	17.54	17.50		
5	256QAM	25	0	17.66	17.61	17.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.56	22.60	22.65	24	0
3	QPSK	1	8	22.52	22.66	22.57		
3	QPSK	1	14	22.53	22.56	22.54		
3	QPSK	8	0	21.62	21.66	21.58	23	1
3	QPSK	8	4	21.48	21.61	21.55		
3	QPSK	8	7	21.59	21.57	21.55		
3	QPSK	15	0	21.59	21.65	21.67		
3	16QAM	1	0	21.64	21.70	21.53	23	1
3	16QAM	1	8	21.52	21.56	21.51		
3	16QAM	1	14	21.55	21.65	21.55		
3	16QAM	8	0	20.46	20.74	20.58	22	2
3	16QAM	8	4	20.50	20.65	20.62		
3	16QAM	8	7	20.53	20.63	20.55		
3	16QAM	15	0	20.62	20.65	20.59		
3	64QAM	1	0	20.58	20.69	20.61	22	2
3	64QAM	1	8	20.48	20.55	20.51		
3	64QAM	1	14	20.66	20.61	20.49		
3	64QAM	8	0	19.52	19.67	19.62	21	3
3	64QAM	8	4	19.42	19.60	19.54		
3	64QAM	8	7	19.57	19.63	19.46		
3	64QAM	15	0	19.53	19.69	19.60		
3	256QAM	1	0	17.64	17.68	17.61	19	5
3	256QAM	1	8	17.41	17.67	17.51		
3	256QAM	1	14	17.60	17.68	17.43		
3	256QAM	8	0	17.59	17.69	17.68	19	5
3	256QAM	8	4	17.52	17.68	17.58		
3	256QAM	8	7	17.48	17.64	17.52		
3	256QAM	15	0	17.64	17.63	17.49		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.69	22.60	24	0
1.4	QPSK	1	3	22.51	22.66	22.57		
1.4	QPSK	1	5	22.51	22.62	22.47		
1.4	QPSK	3	0	22.57	22.66	22.58		
1.4	QPSK	3	1	22.44	22.61	22.48		
1.4	QPSK	3	3	22.38	22.59	22.41		
1.4	QPSK	6	0	21.58	21.73	21.67	23.1	0.9
1.4	16QAM	1	0	21.61	21.65	21.54	23.1	0.9
1.4	16QAM	1	3	21.51	21.53	21.48		
1.4	16QAM	1	5	21.58	21.66	21.54		
1.4	16QAM	3	0	21.51	21.61	21.63		
1.4	16QAM	3	1	21.52	21.60	21.49		
1.4	16QAM	3	3	21.48	21.40	21.43		
1.4	16QAM	6	0	20.63	20.66	20.55	22.1	1.9
1.4	64QAM	1	0	20.57	20.69	20.59	22.1	1.9
1.4	64QAM	1	3	20.57	20.51	20.58		
1.4	64QAM	1	5	20.55	20.57	20.52		
1.4	64QAM	3	0	20.61	20.62	20.46		
1.4	64QAM	3	1	20.43	20.67	20.47		
1.4	64QAM	3	3	20.54	20.40	20.54		
1.4	64QAM	6	0	19.60	19.70	19.56	21.1	2.9
1.4	256QAM	1	0	17.65	17.70	17.62	19.1	4.9
1.4	256QAM	1	3	17.49	17.66	17.52		
1.4	256QAM	1	5	17.56	17.67	17.51		
1.4	256QAM	3	0	17.53	17.64	17.69		
1.4	256QAM	3	1	17.57	17.59	17.60		
1.4	256QAM	3	3	17.43	17.63	17.46		
1.4	256QAM	6	0	17.68	17.61	17.51	19.1	4.9

Band 7 Ant 2 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.89	21.90	21.82	23.2	0
20	QPSK	1	49	21.79	21.80	21.81		
20	QPSK	1	99	21.81	21.82	21.85		
20	QPSK	50	0	21.71	21.76	21.63	23	0.2
20	QPSK	50	24	21.57	21.66	21.59		
20	QPSK	50	50	21.67	21.71	21.56		
20	QPSK	100	0	21.68	21.73	21.61		
20	16QAM	1	0	21.71	21.72	21.61	23	0.2
20	16QAM	1	49	21.60	21.63	21.51		
20	16QAM	1	99	21.60	21.67	21.51

Band 25 Ant 2 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.67	22.74	22.70	23.9	0
20	QPSK	1	49	22.62	22.69	22.60		
20	QPSK	1	99	22.57	22.65	22.60		
20	QPSK	50	0	21.66	21.80	21.65	23	0.9
20	QPSK	50	24	21.59	21.70	21.64		
20	QPSK	50	50	21.58	21.67	21.61		
20	QPSK	100	0	21.64	21.77	21.72		
20	16QAM	1	0	21.66	21.74	21.73	23	0.9
20	16QAM	1	49	21.60	21.74	21.58		
20	16QAM	1	99	21.62	21.71	21.63		
20	16QAM	50	0	20.60	20.81	20.68	22	1.9
20	16QAM	50	24	20.61	20.64	20.60		
20	16QAM	50	50	20.57	20.72	20.57		
20	16QAM	100	0	20.62	20.73	20.76		
20	64QAM	1	0	20.71	20.70	20.70	22	1.9
20	64QAM	1	49	20.59	20.79	20.57		
20	64QAM	1	99	20.64	20.69	20.64		
20	64QAM	50	0	19.64	19.74	19.61	21	2.9
20	64QAM	50	24	19.59	19.69	19.67		
20	64QAM	50	50	19.56	19.70	19.61		
20	64QAM	100	0	19.63	19.77	19.67		
20	256QAM	1	0	17.70	17.78	17.62	19	4.9
20	256QAM	1	49	17.59	17.72	17.65		
20	256QAM	1	99	17.53	17.69	17.56		
20	256QAM	50	0	17.64	17.73	17.68	19	4.9
20	256QAM	50	24	17.72	17.74	17.74		
20	256QAM	50	50	17.58	17.77	17.59		
20	256QAM	100	0	17.64	17.69	17.65		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.64	22.68	22.62	23.9	0
15	QPSK	1	37	22.52	22.63	22.49		
15	QPSK	1	74	22.46	22.55	22.51		
15	QPSK	36	0	21.61	21.78	21.62	23	0.9
15	QPSK	36	20	21.45	21.58	21.55		
15	QPSK	36	39	21.51	21.53	21.57		
15	QPSK	75	0	21.50	21.75	21.66		
15	16QAM	1	0	21.59	21.62	21.67	23	0.9
15	16QAM	1	37	21.49	21.71	21.50		
15	16QAM	1	74	21.53	21.65	21.49		
15	16QAM	36	0	20.50	20.77	20.65	22	1.9
15	16QAM	36	20	20.55	20.62	20.51		
15	16QAM	36	39	20.53	20.65	20.51		
15	16QAM	75	0	20.59	20.63	20.70		
15	64QAM	1	0	20.59	20.66	20.61	22	1.9
15	64QAM	1	37	20.54	20.74	20.48		
15	64QAM	1	74	20.50	20.60	20.53		
15	64QAM	36	0	19.60	19.71	19.49	21	2.9
15	64QAM	36	20	19.45	19.62	19.62		
15	64QAM	36	39	19.45	19.61	19.55		
15	64QAM	75	0	19.51	19.65	19.58		
15	256QAM	1	0	17.58	17.71	17.58	19	4.9
15	256QAM	1	37	17.51	17.68	17.52		
15	256QAM	1	74	17.47	17.56	17.46		
15	256QAM	36	0	17.55	17.70	17.54	19	4.9
15	256QAM	36	20	17.62	17.70	17.62		
15	256QAM	36	39	17.46	17.74	17.47		
15	256QAM	75	0	17.55	17.64	17.62		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.59	22.63	22.59	23.9	0
10	QPSK	1	25	22.48	22.66	22.46		
10	QPSK	1	49	22.52	22.61	22.53		
10	QPSK	25	0	21.59	21.66	21.58	23	0.9
10	QPSK	25	12	21.54	21.64	21.50		
10	QPSK	25	25	21.50	21.63	21.53		
10	QPSK	50	0	21.50	21.72	21.70		
10	16QAM	1	0	21.57	21.66	21.63	23	0.9
10	16QAM	1	25	21.47	21.61	21.54		
10	16QAM	1	49	21.51	21.61	21.50		
10	16QAM	25	0	20.50	20.69	20.59	22	1.9
10	16QAM	25	12	20.52	20.53	20.51		
10	16QAM	25	25	20.46	20.64	20.50		
10	16QAM	50	0	20.56	20.63	20.67		
10	64QAM	1	0	20.60	20.62	20.67	22	1.9
10	64QAM	1	25	20.45	20.67	20.44		
10	64QAM	1	49	20.51	20.55	20.61		
10	64QAM	25	0	19.53	19.72	19.53	21	2.9
10	64QAM	25	12	19.53	19.56	19.57		
10	64QAM	25	25	19.45	19.68	19.59		
10	64QAM	50	0	19.59	19.74	19.60		
10	256QAM	1	0	17.61	17.75	17.48	19	4.9
10	256QAM	1	25	17.46	17.60	17.56		
10	256QAM	1	49	17.50	17.59	17.45		
10	256QAM	25	0	17.56	17.65	17.57	19	4.9
10	256QAM	25	12	17.66	17.71	17.67		
10	256QAM	25	25	17.48	17.73	17.50		
10	256QAM	50	0	17.60	17.65	17.54		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.60	22.69	22.64	23.9	0
5	QPSK	1	12	22.52	22.59	22.55		
5	QPSK	1	24	22.50	22.52	22.56		
5	QPSK	12	0	21.55	21.76	21.59	23	0.9
5	QPSK	12	7	21.46	21.62	21.52		
5	QPSK	12	13	21.49	21.59	21.58		
5	QPSK	25	0	21.53	21.68	21.66		
5	16QAM	1	0	21.54	21.61	21.64	23	0.9
5	16QAM	1	12	21.46	21.71	21.52		
5	16QAM	1	24	21.55	21.62	21.59		
5	16QAM	12	0	20.53	20.72	20.58	22	1.9
5	16QAM	12	7	20.55	20.50	20.54		
5	16QAM	12	13	20.52	20.62	20.54		
5	16QAM	25	0	20.53	20.70	20.63		
5	64QAM	1	0	20.57	20.66	20.66	22	1.9
5	64QAM	1	12	20.47	20.65	20.55		
5	64QAM	1	24	20.60	20.59	20.57		
5	64QAM	12	0	19.53	19.61	19.51	21	2.9
5	64QAM	12	7	19.46	19.63	19.65		
5	64QAM	12	13	19.53	19.67	19.53		
5	64QAM	25	0	19.53	19.67	19.63		
5	256QAM	1	0	17.56	17.68	17.54	19	4.9
5	256QAM	1	12	17.55	17.69	17.56		
5	256QAM	1	24	17.50	17.58	17.46		
5	256QAM	12	0	17.58	17.65	17.59	19	4.9
5	256QAM	12	7	17.68	17.69	17.70		
5	256QAM	12	13	17.44	17.66	17.49		
5	256QAM	25	0	17.52	17.57	17.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.63	22.71	22.61	23.9	0
3	QPSK	1	8	22.55	22.59	22.47		
3	QPSK	1	14	22.46	22.62	22.53		
3	QPSK	8	0	21.56	21.67	21.58	23	0.9
3	QPSK	8	4	21.49	21.62	21.54		
3	QPSK	8	7	21.54	21.54	21.59		
3	QPSK	15	0	21.53	21.72	21.69		
3	16QAM	1	0	21.52	21.65	21.59	23	0.9
3	16QAM	1	8	21.57	21.61	21.50		
3	16QAM	1	14	21.55	21.61	21.55		
3	16QAM	8	0	20.51	20.73	20.65	22	1.9
3	16QAM	8	4	20.51	20.56	20.66		
3	16QAM	8	7	20.43	20.58	20.50		
3	16QAM	15	0	20.58	20.65	20.65		
3	64QAM	1	0	20.60	20.65	20.65	22	1.9
3	64QAM	1	8	20.53	20.74	20.54		
3	64QAM	1	14	20.53	20.61	20.62		
3	64QAM	8	0	19.59	19.67	19.56	21	2.9
3	64QAM	8	4	19.57	19.59	19.54		
3	64QAM	8	7	19.46	19.66	19.52		
3	64QAM	15	0	19.50	19.71	19.64		
3	256QAM	1	0	17.63	17.74	17.54	19	4.9
3	256QAM	1	8	17.47	17.64	17.57		
3	256QAM	1	14	17.44	17.62	17.48		
3	256QAM	8	0	17.53	17.67	17.65	19	4.9
3	256QAM	8	4	17.64	17.67	17.63		
3	256QAM	8	7	17.46	17.73	17.51		
3	256QAM	15	0	17.62	17.62	17.58		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.58	22.62	22.66	23.9	0
1.4	QPSK	1	3	22.48	22.58	22.48		
1.4	QPSK	1	5	22.47	22.55	22.49		
1.4	QPSK	3	0	22.56	22.52	22.59		
1.4	QPSK	3	1	22.39	22.46	22.36		
1.4	QPSK	3	3	22.42	22.49	22.47		
1.4	QPSK	6	0	21.56	21.64	21.63	23	0.9
1.4	16QAM	1	0	21.61	21.68	21.62	23	0.9
1.4	16QAM	1	3	21.48	21.62	21.47		
1.4	16QAM	1	5	21.57	21.68	21.56		
1.4	16QAM	3	0	21.51	21.59	21.60		
1.4	16QAM	3	1	21.50	21.56	21.60		
1.4	16QAM	3	3	21.37	21.48	21.36		
1.4	16QAM	6	0	20.52	20.68	20.73	22	1.9
1.4	64QAM	1	0	20.58	20.56	20.63	22	1.9
1.4	64QAM	1	3	20.51	20.65	20.49		
1.4	64QAM	1	5	20.52	20.61	20.53		
1.4	64QAM	3	0	20.48	20.60	20.60		
1.4	64QAM	3	1	20.46	20.43	20.53		
1.4	64QAM	3	3	20.47	20.56	20.43		
1.4	64QAM	6	0	19.50	19.70	19.54	21	2.9
1.4	256QAM	1	0	17.65	17.71	17.53	19	4.9
1.4	256QAM	1	3	17.47	17.68	17.52		
1.4	256QAM	1	5	17.45	17.56	17.48		
1.4	256QAM	3	0	17.52	17.71	17.54		
1.4	256QAM	3	1	17.59	17.66	17.62		
1.4	256QAM	3	3	17.49	17.74	17.47		
1.4	256QAM	6	0	17.51	17.56	17.60	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.37		23.3	0
10	QPSK	1	25		22.35			
10	QPSK	1	49		22.33			
10	QPSK	25	0		21.81		23	0.3
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.77			
10	16QAM	1	0		21.75		23	0.3
10	16QAM	1	25		21.71			
10	16QAM	1	49		21.72			
10	16QAM	25	0		20.78		22	1.3
10	16QAM	25	12		20.78			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.78		22	1.3
10	64QAM	1	25		20.77			
10	64QAM	1	49		20.72			
10	64QAM	25	0		19.79		21	2.3
10	64QAM	25	12		19.76			
10	64QAM	25	25		19.68			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.77		19	4.3
10	256QAM	1	25		17.82			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.82		19	4.3
10	256QAM	25	12		17.73			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.71			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.25	22.32	22.29	23.3	0
5	QPSK	1	12	22.26	22.35	22.31		
5	QPSK	1	24	22.35	22.33	22.28		
5	QPSK	12	0	21.73	21.78	21.69	23	0.3
5	QPSK	12	7	21.69	21.64	21.69		
5	QPSK	12	13	21.54	21.63	21.61		
5	QPSK	25	0	21.71	21.71	21.65		
5	16QAM	1	0	21.67	21.67	21.62	23	0.3
5	16QAM	1	12	21.67	21.61	21.66		
5	16QAM	1	24	21.61	21.63	21.70		
5	16QAM	12	0	20.66	20.72	20.67	22	1.3
5	16QAM	12	7	20.68	20.73	20.73		
5	16QAM	12	13	20.63	20.56	20.66		
5	16QAM	25	0	20.63	20.66	20.67		
5	64QAM	1	0	20.72	20.69	20.65	22	1.3
5	64QAM	1	12	20.68	20.70	20.69		
5	64QAM	1	24	20.61	20.68	20.63		
5	64QAM	12	0	19.72	19.74	19.69	21	2.3
5	64QAM	12	7	19.67	19.70	19.69		
5	64QAM	12	13	19.58	19.62	19.59		
5	64QAM	25	0	19.74	19.72	19.72		
5	256QAM	1	0	17.67	17.63	17.70	19	4.3
5	256QAM	1	12	17.79	17.80	17.79		
5	256QAM	1	24	17.66	17.65	17.64		
5	256QAM	12	0	17.69	17.74	17.75	19	4.3
5	256QAM	12	7	17.66	17.71	17.63		
5	256QAM	12	13	17.68	17.64	17.66		
5	256QAM	25	0	17.59	17.57	17.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.79	22.81	22.75	24	0
20	QPSK	1	49	22.74	22.78	22.62		
20	QPSK	1	99	22.75	22.77	22.61		
20	QPSK	50	0	21.80	21.84	21.74	23	1
20	QPSK	50	24	21.73	21.80	21.58		
20	QPSK	50	50	21.73	21.79	21.67		
20	QPSK	100	0	21.82	21.83	21.77		
20	16QAM	1	0	21.83	21.80	21.74	23	1
20	16QAM	1	49	21.77	21.77	21.66		
20	16QAM	1	99	21.71	21.74	21.63		
20	16QAM	50	0	20.79	20.78	20.73	22	2
20	16QAM	50	24	20.78	20.76	20.59		
20	16QAM	50	50	20.71	20.84	20.64		
20	16QAM	100	0	20.76	20.83	20.74		
20	64QAM	1	0	20.79	20.74	20.76	22	2
20	64QAM	1	49	20.74	20.74	20.61		
20	64QAM	1	99	20.73	20.78	20.69		
20	64QAM	50	0	19.87	19.82	19.70	21	3
20	64QAM	50	24	19.72	19.83	19.57		
20	64QAM	50	50	19.68	19.83	19.70		
20	64QAM	100	0	19.83	19.84	19.81		
20	256QAM	1	0	17.79	17.87	17.79	19	5
20	256QAM	1	49	17.77	17.84	17.59		
20	256QAM	1	99	17.77	17.77	17.69		
20	256QAM	50	0	17.82	17.88	17.79	19	5
20	256QAM	50	24	17.81	17.82	17.76		
20	256QAM	50	50	17.80	17.76	17.70		
20	256QAM	100	0	17.73	17.77	17.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.67	22.72	22.65	24	0
15	QPSK	1	37	22.69	22.68	22.53		
15	QPSK	1	74	22.65	22.75	22.49		
15	QPSK	36	0	21.72	21.77	21.71	23	1
15	QPSK	36	20	21.63	21.75	21.54		
15	QPSK	36	39	21.66	21.66	21.64		
15	QPSK	75	0	21.78	21.76	21.73		
15	16QAM	1	0	21.72	21.70	21.61	23	1
15	16QAM	1	37	21.74	21.69	21.63		
15	16QAM	1	74	21.59	21.72	21.55		
15	16QAM	36	0	20.67	20.74	20.68	22	2
15	16QAM	36	20	20.69	20.69	20.45		
15	16QAM	36	39	20.61	20.81	20.60		
15	16QAM	75	0	20.71	20.71	20.69		
15	64QAM	1	0	20.77	20.71	20.73	22	2
15	64QAM	1	37	20.61	20.63	20.56		
15	64QAM	1	74	20.68	20.73	20.60		
15	64QAM	36	0	19.74	19.73	19.57	21	3
15	64QAM	36	20	19.63	19.71	19.53		
15	64QAM	36	39	19.56	19.72	19.60		
15	64QAM	75	0	19.80	19.71	19.70		
15	256QAM	1	0	17.68	17.82	17.70	19	5
15	256QAM	1	37	17.74	17.80	17.49		
15	256QAM	1	74	17.64	17.75	17.58		
15	256QAM	36	0	17.76	17.80	17.72	19	5
15	256QAM	36	20	17.70	17.79	17.69		
15	256QAM	36	39	17.72	17.65	17.56		
15	256QAM	75	0	17.70	17.63	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.76	22.77	22.70	24	0
10	QPSK	1	25	22.71	22.65	22.49		
10	QPSK	1	49	22.69	22.65	22.50		
10	QPSK	25	0	21.76	21.74	21.60	23	1
10	QPSK	25	12	21.68	21.72	21.45		
10	QPSK	25	25	21.65	21.66	21.60		
10	QPSK	50	0	21.79	21.72	21.64		
10	16QAM	1	0	21.80	21.77	21.61	23	1
10	16QAM	1	25	21.73	21.71	21.54		
10	16QAM	1	49	21.65	21.61	21.54		
10	16QAM	25	0	20.70	20.64	20.63	22	2
10	16QAM	25	12	20.67	20.66	20.46		
10	16QAM	25	25	20.57	20.73	20.60		
10	16QAM	50	0	20.71	20.72	20.67		
10	64QAM	1	0	20.73	20.62	20.71	22	2
10	64QAM	1	25	20.62	20.63	20.47		
10	64QAM	1	49	20.60	20.73	20.63		
10	64QAM	25	0	19.79	19.72	19.58	21	3
10	64QAM	25	12	19.59	19.72	19.50		
10	64QAM	25	25	19.57	19.70	19.57		
10	64QAM	50	0	19.69	19.78	19.70		
10	256QAM	1	0	17.73	17.84	17.71	19	5
10	256QAM	1	25	17.65	17.76	17.54		
10	256QAM	1	49	17.73	17.73	17.59		
10	256QAM	25	0	17.70	17.84	17.74	19	5
10	256QAM	25	12	17.74	17.78	17.64		
10	256QAM	25	25	17.73	17.68	17.61		
10	256QAM	50	0	17.70	17.68	17.63		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.69	22.75	22.69	24	0
5	QPSK	1	12	22.64	22.65	22.58		
5	QPSK	1	24	22.63	22.65	22.50		
5	QPSK	12	0	21.81	21.82	21.66	23	1
5	QPSK	12	7	21.68	21.70	21.47		
5	QPSK	12	13	21.63	21.74	21.60		
5	QPSK	25	0	21.71	21.70	21.66		
5	16QAM	1	0	21.80	21.69	21.72	23	1
5	16QAM	1	12	21.67	21.73	21.52		
5	16QAM	1	24	21.68	21.70	21.60		
5	16QAM	12	0	20.73	20.75	20.59	22	2
5	16QAM	12	7	20.73	20.71	20.53		
5	16QAM	12	13	20.58	20.78	20.54		
5	16QAM	25	0	20.71	20.80	20.69		
5	64QAM	1	0	20.69	20.61	20.74	22	2
5	64QAM	1	12	20.64	20.69	20.50		
5	64QAM	1	24	20.62	20.74	20.57		
5	64QAM	12	0	19.82	19.78	19.64	21	3
5	64QAM	12	7	19.63	19.70	19.52		
5	64QAM	12	13	19.65	19.75	19.57		
5	64QAM	25	0	19.76	19.79	19.76		
5	256QAM	1	0	17.73	17.74	17.67	19	5
5	256QAM	1	12	17.68	17.74	17.51		
5	256QAM	1	24	17.72	17.73	17.59		
5	256QAM	12	0	17.73	17.76	17.66	19	5
5	256QAM	12	7	17.70	17.70	17.72		
5	256QAM	12	13	17.73	17.64	17.57		
5	256QAM	25	0	17.65	17.66	17.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.65	22.75	22.64	24	0
3	QPSK	1	8	22.61	22.67	22.57		
3	QPSK	1	14	22.66	22.67	22.56		
3	QPSK	8	0	21.70	21.80	21.66	23	1
3	QPSK	8	4	21.64	21.77	21.47		
3	QPSK	8	7	21.60	21.77	21.58		
3	QPSK	15	0	21.74	21.77	21.74		
3	16QAM	1	0	21.79	21.77	21.66	23	1
3	16QAM	1	8	21.73	21.73	21.58		
3	16QAM	1	14	21.68	21.69	21.60		
3	16QAM	8	0	20.72	20.74	20.65	22	2
3	16QAM	8	4	20.66	20.66	20.52		
3	16QAM	8	7	20.60	20.76	20.61		
3	16QAM	15	0	20.73	20.78	20.67		
3	64QAM	1	0	20.77	20.69	20.66	22	2
3	64QAM	1	8	20.68	20.70	20.53		
3	64QAM	1	14	20.63	20.76	20.56		
3	64QAM	8	0	19.77	19.71	19.66	21	3
3	64QAM	8	4	19.63

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.44	23.49	23.44	24.4	0
20	QPSK	1	49	23.40	23.45	23.31		
20	QPSK	1	99	23.36	23.47	23.37		
20	QPSK	50	0	22.43	22.46	22.43	24	0.4
20	QPSK	50	24	22.41	22.39	22.30		
20	QPSK	50	50	22.29	22.43	22.36		
20	QPSK	100	0	22.42	22.43	22.41		
20	16QAM	1	0	22.45	22.45	22.47	24	0.4
20	16QAM	1	49	22.37	22.40	22.30		
20	16QAM	1	99	22.32	22.48	22.42		
20	16QAM	50	0	21.47	21.54	21.40	23	1.4
20	16QAM	50	24	21.29	21.42	21.20		
20	16QAM	50	50	21.38	21.46	21.36		
20	16QAM	100	0	21.41	21.54	21.48		
20	64QAM	1	0	21.48	21.48	21.41	23	1.4
20	64QAM	1	49	21.25	21.41	21.31		
20	64QAM	1	99	21.33	21.47	21.41		
20	64QAM	50	0	20.41	20.46	20.50	22	2.4
20	64QAM	50	24	20.37	20.45	20.34		
20	64QAM	50	50	20.35	20.54	20.42		
20	64QAM	100	0	20.46	20.54	20.37		
20	256QAM	1	0	18.39	18.46	18.44	20	4.4
20	256QAM	1	49	18.45	18.44	18.26		
20	256QAM	1	99	18.29	18.53	18.36		
20	256QAM	50	0	18.30	18.48	18.39	20	4.4
20	256QAM	50	24	18.49	18.45	18.46		
20	256QAM	50	50	18.34	18.46	18.24		
20	256QAM	100	0	18.26	18.38	18.37		
Channel				37725	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.35	23.40	23.32	24.4	0
15	QPSK	1	37	23.27	23.29	23.23		
15	QPSK	1	74	23.23	23.41	23.32		
15	QPSK	36	0	22.29	22.36	22.34	24	0.4
15	QPSK	36	20	22.31	22.25	22.18		
15	QPSK	36	39	22.19	22.48	22.25		
15	QPSK	75	0	22.31	22.34	22.35		
15	16QAM	1	0	22.39	22.32	22.34	24	0.4
15	16QAM	1	37	22.22	22.25	22.21		
15	16QAM	1	74	22.24	22.39	22.34		
15	16QAM	36	0	21.42	21.44	21.34	23	1.4
15	16QAM	36	20	21.23	21.30	21.11		
15	16QAM	36	39	21.26	21.37	21.28		
15	16QAM	75	0	21.36	21.39	21.38		
15	64QAM	1	0	21.37	21.34	21.31	23	1.4
15	64QAM	1	37	21.20	21.32	21.20		
15	64QAM	1	74	21.18	21.36	21.33		
15	64QAM	36	0	20.30	20.36	20.38	22	2.4
15	64QAM	36	20	20.29	20.30	20.22		
15	64QAM	36	39	20.28	20.43	20.36		
15	64QAM	75	0	20.38	20.45	20.28		
15	256QAM	1	0	18.28	18.39	18.38	20	4.4
15	256QAM	1	37	18.32	18.34	18.11		
15	256QAM	1	74	18.22	18.46	18.27		
15	256QAM	36	0	18.24	18.39	18.35	20	4.4
15	256QAM	36	20	18.34	18.34	18.32		
15	256QAM	36	39	18.25	18.40	18.14		
15	256QAM	75	0	18.13	18.23	18.33		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.34	23.43	23.29	24.4	0
10	QPSK	1	25	23.27	23.35	23.22		
10	QPSK	1	49	23.28	23.34	23.23		
10	QPSK	25	0	22.36	22.33	22.45	24	0.4
10	QPSK	25	12	22.27	22.34	22.24		
10	QPSK	25	25	22.13	22.41	22.27		
10	QPSK	50	0	22.29	22.32	22.25		
10	16QAM	1	0	22.32	22.34	22.34	24	0.4
10	16QAM	1	25	22.32	22.35	22.21		
10	16QAM	1	49	22.26	22.42	22.34		
10	16QAM	25	0	21.41	21.41	21.35	23	1.4
10	16QAM	25	12	21.17	21.30	21.08		
10	16QAM	25	25	21.24	21.33	21.31		
10	16QAM	50	0	21.35	21.38	21.40		
10	64QAM	1	0	21.37	21.36	21.36	23	1.4
10	64QAM	1	25	21.10	21.36	21.23		
10	64QAM	1	49	21.21	21.39	21.32		
10	64QAM	25	0	20.26	20.31	20.35	22	2.4
10	64QAM	25	12	20.22	20.39	20.19		
10	64QAM	25	25	20.26	20.46	20.38		
10	64QAM	50	0	20.39	20.39	20.25		
10	256QAM	1	0	18.23	18.30	18.35	20	4.4
10	256QAM	1	25	18.38	18.36	18.10		
10	256QAM	1	49	18.18	18.46	18.21		
10	256QAM	25	0	18.19	18.41	18.24	20	4.4
10	256QAM	25	12	18.44	18.36	18.31		
10	256QAM	25	25	18.27	18.36	18.20		
10	256QAM	50	0	18.12	18.29	18.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	23.37	23.44	23.32	24.4	0
5	QPSK	1	12	23.29	23.40	23.26		
5	QPSK	1	24	23.29	23.33	23.30		
5	QPSK	12	0	22.27	22.32	22.44	24	0.4
5	QPSK	12	7	22.36	22.28	22.19		
5	QPSK	12	13	22.18	22.42	22.30		
5	QPSK	25	0	22.35	22.31	22.36		
5	16QAM	1	0	22.35	22.39	22.39	24	0.4
5	16QAM	1	12	22.27	22.31	22.22		
5	16QAM	1	24	22.24	22.38	22.32		
5	16QAM	12	0	21.35	21.41	21.24	23	1.4
5	16QAM	12	7	21.18	21.32	21.16		
5	16QAM	12	13	21.30	21.34	21.29		
5	16QAM	25	0	21.32	21.40	21.40		
5	64QAM	1	0	21.38	21.36	21.29	23	1.4
5	64QAM	1	12	21.19	21.30	21.19		
5	64QAM	1	24	21.22	21.37	21.34		
5	64QAM	12	0	20.28	20.39	20.36	22	2.4
5	64QAM	12	7	20.32	20.36	20.19		
5	64QAM	12	13	20.28	20.49	20.37		
5	64QAM	25	0	20.34	20.45	20.32		
5	256QAM	1	0	18.25	18.39	18.35	20	4.4
5	256QAM	1	12	18.36	18.32	18.18		
5	256QAM	1	24	18.15	18.49	18.29		
5	256QAM	12	0	18.20	18.39	18.26	20	4.4
5	256QAM	12	7	18.43	18.30	18.33		
5	256QAM	12	13	18.25	18.41	18.15		
5	256QAM	25	0	18.19	18.31	18.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.47	23.51	23.43	23.46	24.4	0
20	QPSK	1	49	23.39	23.41	23.47	23.47	23.42		
20	QPSK	1	99	23.48	23.46	23.50	23.48	23.42		
20	QPSK	50	0	22.86	22.95	23.00	22.94	22.82	24	0.4
20	QPSK	50	24	22.72	22.86	22.91	22.77	22.78		
20	QPSK	50	50	22.89	22.85	22.97	22.84	22.71		
20	QPSK	100	0	22.89	22.91	22.96	22.88	22.86		
20	16QAM	1	0	22.88	23.00	22.93	22.93	22.80	24	0.4
20	16QAM	1	49	22.78	22.87	22.94	22.78	22.87		
20	16QAM	1	99	22.85	22.86	22.93	22.87	22.78		
20	16QAM	50	0	21.87	21.94	22.05	21.93	21.79	23	1.4
20	16QAM	50	24	21.72	21.82	21.92	21.71	21.80		
20	16QAM	50	50	21.83	21.91	22.01	21.89	21.76		
20	16QAM	100	0	21.91	21.93	22.01	21.93	21.92		
20	64QAM	1	0	21.89	21.96	21.94	21.89	21.79	23	1.4
20	64QAM	1	49	21.77	21.81	21.88	21.78	21.90		
20	64QAM	1	99	21.81	21.83	21.97	21.92	21.80		
20	64QAM	50	0	20.86	20.97	21.01	20.95	20.82	22	2.4
20	64QAM	50	24	20.73	20.85	20.93	20.80	20.73		
20	64QAM	50	50	20.93	20.79	20.99	20.89	20.68		
20	64QAM	100	0	20.94	20.95	20.99	20.91	20.85		
20	256QAM	1	0	18.83	18.91	18.94	18.98	18.82	20	4.4
20	256QAM	1	49	18.68	18.89	18.91	18.78	18.73		
20	256QAM	1	99	18.87	18.84	19.03	18.90	18.76		
20	256QAM	50	0	18.87	18.85	18.93	18.94	18.85	20	4.4
20	256QAM	50	24	18.91	19.02	18.93	18.91	18.85		
20	256QAM	50	50	18.81	18.83	18.94	18.72	18.83		
20	256QAM	100	0	18.83	18.81	18.88	18.82	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.36	23.41	23.41	23.35	23.35	24	0
15	QPSK	1	37	23.34	23.35	23.41	23.37	23.35		
15	QPSK	1	74	23.43	23.44	23.40	23.45	23.40		
15	QPSK	36	0	22.74	22.87	22.93	22.82	22.72	24	0.4
15	QPSK	36	20	22.64	22.79	22.88	22.72	22.68		
15	QPSK	36	39	22.84	22.73	22.86	22.79	22.67		
15	QPSK	75	0	22.85	22.81	22.90	22.82	22.77		
15	16QAM	1	0	22.81	22.95	22.88	22.86	22.71	24	0.4
15	16QAM	1	37	22.70	22.78	22.89	22.64	22.79		
15	16QAM	1	74	22.74	22.83	22.83	22.80	22.70		
15	16QAM	36	0	21.83	21.85	21.92	21.88	21.66	23	1.4
15	16QAM	36	20	21.65	21.72	21.83	21.65	21.70		
15	16QAM	36	39	21.70	21.88	21.95	21.80	21.66		
15	16QAM	75	0	21.85	21.85	21.90	21.89	21.81		
15	64QAM	1	0	21.86	21.91	21.89	21.85	21.68	23	1.4
15	64QAM	1	37	21.69	21.70	21.84	21.74	21.83		
15	64QAM	1	74	21.69	21.72	21.90	21.82	21.68		
15	64QAM	36	0	20.82	20.89	20.87	20.90	20.79	22	2.4
15	64QAM	36	20	20.62	20.81	20.82	20.67	20.67		
15	64QAM	36	39	20.82	20.68	20.91	20.83	20.62		
15	64QAM	75	0	20.91	20.87	20.92	20.86	20.76		
15	256QAM	1	0	18.74	18.86	18.84	18.93	18.70	20	4.4
15	256QAM	1	37	18.57	18.83	18.80	18.66	18.64		
15	256QAM	1	74	18.74	18.75	18.97	18.83	18.64		
15	256QAM	36	0	18.80	18.77	18.85	18.85	18.79	20	4.4
15	256QAM	36	20	18.86	18.96	18.79	18.89	18.78		
15	256QAM	36	39	18.75	18.80	18.81	18.70	18.78		
15	256QAM	75	0	18.80	18.69	18.83	18.72	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.43	23.41	23.36	23.38	23.35	24	0
10	QPSK	1	25	23.41	23.43	23.43	23.39	23.44		
10	QPSK	1	49	23.39	23.40	23.40	23.39	23.42		
10	QPSK	25	0	22.76	22.91	22.90	22.87	22.79	24	0.4
10	QPSK	25	12	22.66	22.73	22.80	22.70	22.69		
10	QPSK	25	25	22.85	22.71	22.93	22.76	22.66		
10	QPSK	50	0	22.86	22.79	22.83	22.80	22.76		
10	16QAM	1	0	22.85	22.91	22.89	22.90	22.69	24	0.4
10	16QAM	1	25	22.67	22.77	22.88	22.74	22.84		
10	16QAM	1	49	22.74	22.73	22.80	22.73	22.68		
10	16QAM	25	0	21.80	21.84	21.95	21.89	21.68	23	1.4
10	16QAM	25	12	21.59	21.74	21.81	21.61	21.72		
10	16QAM	25	25	21.79	21.86	21.94	21.86	21.63		
10	16QAM	50	0	21.77	21.81	21.91	21.88	21.88		
10	64QAM	1	0	21.82	21.85	21.94	21.82	21.73	23	1.4
10	64QAM	1	25	21.68	21.71	21.81	21.71	21.78		
10	64QAM	1	49	21.68	21.77	21.88	21.89	21.77		
10	64QAM	25	0	20.78	20.85	20.94	20.89	20.78	22	2.4
10	64QAM	25	12	20.70	20.73	20.86	20.70	20.59		
10	64QAM	25	25	20.88	20.76	20.89	20.82	20.57		
10	64QAM	50	0	20.87	20.88	20.87	20.81	20.82		
10	256QAM	1	0	18.75	18.82	18.85	18.87	18.78	20	4.4
10	256QAM	1	25	18.60	18.85	18.84	18.67	18.62		
10	256QAM	1	49	18.73	18.80	18.92	18.83	18.69		
10	256QAM	25	0	18.74	18.75	18.83	18.88	18.73	20	4.4
10	256QAM	25	12	18.79	19.00	18.84	18.85	18.76		
10	256QAM	25	25	18.68	18.79	18.84	18.68	18.77		
10	256QAM	50	0	18.70	18.72	18.86	18.68	18.68		
Channel				39775	40148	40520	41093	41668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.42	23.43	23.47	23.37	23.40	24	0
5	QPSK	1	12	23.46	23.43	23.43	23.35	23.43		
5	QPSK	1	24	23.39	23.45	23.43	23.42	23.42		
5	QPSK	12	0	22.80	22.93	22.96	22.84	22.75	24	0.4
5	QPSK	12	7	22.66	22.77	22.83	22.67	22.66		
5	QPSK	12	13	22.83	22.81	22.86	22.80	22.64		
5	QPSK	25	0	22.80	22.82	22.85	22.84	22.79		
5	16QAM	1	0	22.85	22.95	22.82	22.85	22.69	24	0.4
5	16QAM	1	12	22.76	22.80	22.82	22.68	22.75		
5	16QAM	1	24	22.72	22.74	22.89	22.81	22.65		
5	16QAM	12	0	21.76	21.83	21.99	21.90	21.70	23	1.4
5	16QAM	12	7	21.68	21.76	21.85	21.57	21.70		
5	16QAM	12	13	21.76	21.87	21.94	21.80	21.72		
5	16QAM	25	0	21.83	21.91	21.98	21.82	21.90		
5	64QAM	1	0	21.78	21.90	21.90	21.76	21.73	23	1.4
5	64QAM	1	12	21.72	21.74	21.83	21.71	21.86		
5	64QAM	1	24	21.74	21.73	21.93	21.87	21.71		
5	64QAM	12	0	20.72	20.84	20.92	20.87	20.70	22	2.4
5	64QAM	12	7	20.62	20.71	20.89	20.77	20.68		
5	64QAM	12	13	20.80	20.69	20.93	20.76	20.61		
5	64QAM	25	0	20.81	20.92	20.96	20.87	20.79		
5	256QAM	1	0	18.70	18.77	18.90	18.92	18.79	20	4.4
5	256QAM	1	12	18.59	18.82	18.87	18.65	18.63		
5	256QAM	1	24	18.80	18.78	18.91	18.79	18.64		
5	256QAM	12	0	18.74	18.71	18.88	18.82	18.79	20	4.4
5	256QAM	12	7	18.86	18.95	18.81	18.86	18.80		
5	256QAM	12	13	18.72	18.76	18.92	18.68	18.73		
5	256QAM	25	0	18.76	18.78	18.74	18.69	18.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.03	25.04	25.07	25.01	24.97	26	0
20	QPSK	1	49	24.92	24.91	25.03	25.02	25.01		
20	QPSK	1	99	24.98	25.01	24.92	25.02	24.95		
20	QPSK	50	0	24.94	24.98	24.99	24.90	24.91	26	0
20	QPSK	50	24	24.93	24.98	24.95	24.98	24.92		
20	QPSK	50	50	24.90	24.97	24.97	24.97	24.91		
20	QPSK	100	0	24.97	24.97	25.01	24.94	24.96		
20	16QAM	1	0	24.92	25.00	24.98	24.94	24.91	26	0
20	16QAM	1	49	25.00	24.93	25.04	24.93	25.00		
20	16QAM	1	99	25.01	24.93	25.02	24.99	25.01		
20	16QAM	50	0	23.85	23.99	24.05	23.96	23.75	25	1
20	16QAM	50	24	23.75	23.77	23.94	23.72	23.80		
20	16QAM	50	50	23.88	23.89	24.02	23.83	23.78		
20	16QAM	100	0	23.90	23.93	23.97	23.89	23.90		
20	64QAM	1	0	23.86	24.01	23.94	23.90	23.84	25	1
20	64QAM	1	49	23.80	23.75	23.87	23.80	23.88		
20	64QAM	1	99	23.77	23.86	23.91	23.94	23.76		
20	64QAM	50	0	22.90	22.93	22.96	22.92	22.85	24	2
20	64QAM	50	24	22.73	22.89	22.92	22.80	22.74		
20	64QAM	50	50	22.92	22.84	23.02	22.93	22.72		
20	64QAM	100	0	22.95	23.01	22.98	22.94	22.85		
20	256QAM	1	0	20.83	20.88	20.89	21.03	20.77	22	4
20	256QAM	1	49	20.70	20.95	20.87	20.81	20.69		
20	256QAM	1	99	20.85	20.83	21.07	20.93	20.73		
20	256QAM	50	0	20.89	20.87	20.97	20.99	20.82	22	4
20	256QAM	50	24	20.94	21.04	20.99	20.91	20.84		
20	256QAM	50	50	20.83	20.78	20.89	20.70	20.87		
20	256QAM	100	0	20.78	20.80	20.89	20.83	20.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.88	24.96	24.98	24.98	24.92	26	0
15	QPSK	1	37	24.96	24.98	24.90	24.99	24.95		
15	QPSK	1	74	24.91	24.94	24.90	24.96	24.87		
15	QPSK	36	0	24.98	24.97	24.98	24.87	24.90	26	0
15	QPSK	36	20	24.94	24.95	24.93	24.92	24.93		
15	QPSK	36	39	24.97	24.91	24.88	24.87	24.91		
15	QPSK	75	0	24.94	24.94	24.93	24.92	24.89		
15	16QAM	1	0	24.97	24.95	24.96	24.88	24.90	26	0
15	16QAM	1	37	24.87	24.99	24.94	24.91	24.89		
15	16QAM	1	74	24.91	24.93	24.98	24.90	24.99		
15	16QAM	36	0	23.75	23.85	23.94	23.84	23.65	25	1
15	16QAM	36	20	23.70	23.64	23.91	23.68	23.73		
15	16QAM	36	39	23.82	23.77	23.92	23.74	23.71		
15	16QAM	75	0	23.86	23.80	23.93	23.80	23.77		
15	64QAM	1	0	23.82	23.98	23.82	23.78	23.81	25	1
15	64QAM	1	37	23.70	23.65	23.75	23.73	23.80		
15	64QAM	1	74	23.72	23.79	23.83	23.85	23.65		
15	64QAM	36	0	22.82	22.86	22.90	22.81	22.77	24	2
15	64QAM	36	20	22.64	22.78	22.83	22.70	22.65		
15	64QAM	36	39	22.88	22.78	22.99	22.81	22.80		
15	64QAM	75	0	22.83	22.91	22.91	22.89	22.81		
15	256QAM	1	0	20.72	20.77	20.86	20.92	20.70	22	4
15	256QAM	1	37	20.64	20.93	20.79	20.68	20.55		
15	256QAM	1	74	20.77	20.72	20.97	20.89	20.67		
15	256QAM	36	0	20.86	20.82	20.93	20.87	20.77	22	4
15	256QAM	36	20	20.90	20.91	20.92	20.77	20.80		
15	256QAM	36	39	20.76	20.70	20.80	20.61	20.79		
15	256QAM	75	0	20.65	20.66	20.80	20.71	20.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.95	24.93	24.91	24.97	24.90	26	0
10	QPSK	1	25	24.98	24.93	24.94	24.94	24.90		
10	QPSK	1	49	24.98	24.97	24.98	24.87	24.91		
10	QPSK	25	0	24.98	24.90	24.98	24.89	24.96	26	0
10	QPSK	25	12	24.97	24.94	24.92	24.90	24.99		
10	QPSK	25	25	24.92	24.93	24.98	24.92	24.89		
10	QPSK	50	0	24.90	24.88	24.88	24.90	24.99		
10	16QAM	1	0	24.88	24.94	24.95	24.93	24.90	26	0
10	16QAM	1	25	24.92	24.89	24.92	24.90	24.94		
10	16QAM	1	49	24.88	24.91	24.89	24.96	24.90		
10	16QAM	25	0	23.75	23.92	23.95	23.93	23.66	25	1
10	16QAM	25	12	23.72	23.63	23.87	23.62	23.78		
10	16QAM	25	25	23.84	23.79	23.92	23.72	23.67		
10	16QAM	50	0	23.82	23.86	23.87	23.87	23.78		
10	64QAM	1	0	23.74	23.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.91	22.95	22.88		
20	QPSK	1	49	22.78	22.92	22.74	24	0
20	QPSK	1	99	22.82	22.91	22.98		
20	QPSK	50	0	21.95	21.98	21.94		
20	QPSK	50	24	21.77	21.96	21.71	23	1
20	QPSK	50	50	21.87	21.91	21.84		
20	QPSK	100	0	21.91	21.95	21.86		
20	16QAM	1	0	21.90	21.93	21.91		
20	16QAM	1	49	21.82	21.95	21.77	23	1
20	16QAM	1	99	21.83	21.97	21.83		
20	16QAM	50	0	20.93	20.96	20.98		
20	16QAM	50	24	20.83	20.94	20.75	22	2
20	16QAM	50	50	20.87	20.90	20.83		
20	16QAM	100	0	20.93	20.91	20.92		
20	64QAM	1	0	20.90	20.91	20.91		
20	64QAM	1	49	20.77	20.90	20.74	22	2
20	64QAM	1	99	20.85	20.95	20.86		
20	64QAM	50	0	19.96	19.96	19.92		
20	64QAM	50	24	19.78	19.96	19.66	21	3
20	64QAM	50	50	19.86	19.88	19.84		
20	64QAM	100	0	20.02	19.93	19.80		
20	256QAM	1	0	17.92	17.97	17.89		
20	256QAM	1	49	17.75	18.00	17.73	19	5
20	256QAM	1	99	17.93	17.88	17.87		
20	256QAM	50	0	17.93	17.89	17.85		
20	256QAM	50	24	17.98	17.89	17.94	19	5
20	256QAM	50	50	17.79	17.90	17.72		
20	256QAM	100	0	17.78	17.99	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.86	22.92	22.75		
15	QPSK	1	37	22.76	22.87	22.71	24	0
15	QPSK	1	74	22.71	22.81	22.75		
15	QPSK	36	0	21.91	21.93	21.92		
15	QPSK	36	20	21.74	21.85	21.69	23	1
15	QPSK	36	39	21.74	21.86	21.81		
15	QPSK	75	0	21.84	21.83	21.83		
15	16QAM	1	0	21.83	21.82	21.79		
15	16QAM	1	37	21.73	21.84	21.75	23	1
15	16QAM	1	74	21.72	21.92	21.76		
15	16QAM	36	0	20.80	20.86	20.89		
15	16QAM	36	20	20.73	20.86	20.69	22	2
15	16QAM	36	39	20.79	20.83	20.71		
15	16QAM	75	0	20.81	20.84	20.82		
15	64QAM	1	0	20.82	20.81	20.84		
15	64QAM	1	37	20.69	20.82	20.67	22	2
15	64QAM	1	74	20.78	20.86	20.81		
15	64QAM	36	0	19.86	19.85	19.88		
15	64QAM	36	20	19.75	19.84	19.53	21	3
15	64QAM	36	39	19.74	19.84	19.78		
15	64QAM	75	0	19.97	19.79	19.77		
15	256QAM	1	0	17.84	17.88	17.86		
15	256QAM	1	37	17.85	17.96	17.70	19	5
15	256QAM	1	74	17.81	17.85	17.81		
15	256QAM	36	0	17.85	17.86	17.71		
15	256QAM	36	20	17.85	17.76	17.86	19	5
15	256QAM	36	39	17.85	17.79	17.70		
15	256QAM	75	0	17.75	17.92	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.86	22.90	22.77		
10	QPSK	1	25	22.71	22.81	22.67	24	0
10	QPSK	1	49	22.75	22.89	22.73		
10	QPSK	25	0	21.87	21.90	21.88		
10	QPSK	25	12	21.66	21.83	21.63	23	1
10	QPSK	25	25	21.73	21.87	21.81		
10	QPSK	50	0	21.90	21.86	21.77		
10	16QAM	1	0	21.88	21.80	21.84		
10	16QAM	1	25	21.72	21.91	21.70	23	1
10	16QAM	1	49	21.74	21.88	21.77		
10	16QAM	25	0	20.86	20.86	20.87		
10	16QAM	25	12	20.72	20.89	20.68	22	2
10	16QAM	25	25	20.83	20.86	20.79		
10	16QAM	50	0	20.80	20.85	20.80		
10	64QAM	1	0	20.82	20.86	20.78		
10	64QAM	1	25	20.75	20.79	20.66	22	2
10	64QAM	1	49	20.79	20.89	20.78		
10	64QAM	25	0	19.91	19.86	19.79		
10	64QAM	25	12	19.67	19.84	19.53	21	3
10	64QAM	25	25	19.77	19.82	19.73		
10	64QAM	50	0	19.96	19.84	19.69		
10	256QAM	1	0	17.85	17.86	17.76		
10	256QAM	1	25	17.63	17.94	17.67	19	5
10	256QAM	1	49	17.87	17.75	17.74		
10	256QAM	25	0	17.84	17.78	17.74		
10	256QAM	25	12	17.80	17.76	17.81	19	5
10	256QAM	25	25	17.70	17.77	17.67		
10	256QAM	50	0	17.70	17.94	17.74		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.79	22.87	22.84		
5	QPSK	1	12	22.69	22.81	22.69	24	0
5	QPSK	1	24	22.73	22.80	22.77		
5	QPSK	12	0	21.93	21.91	21.80		
5	QPSK	12	7	21.65	21.90	21.66	23	1
5	QPSK	12	13	21.79	21.88	21.81		
5	QPSK	25	0	21.87	21.92	21.74		
5	16QAM	1	0	21.91	21.81	21.83		
5	16QAM	1	12	21.77	21.90	21.72	23	1
5	16QAM	1	24	21.70	21.84	21.78		
5	16QAM	12	0	20.84	20.94	20.92		
5	16QAM	12	7	20.70	20.81	20.66	22	2
5	16QAM	12	13	20.83	20.87	20.75		
5	16QAM	25	0	20.90	20.79	20.80		
5	64QAM	1	0	20.76	20.86	20.84		
5	64QAM	1	12	20.75	20.77	20.63	22	2
5	64QAM	1	24	20.79	20.88	20.83		
5	64QAM	12	0	19.85	19.88	19.83		
5	64QAM	12	7	19.74	19.92	19.57	21	3
5	64QAM	12	13	19.80	19.76	19.78		
5	64QAM	25	0	19.88	19.84	19.75		
5	256QAM	1	0	17.85	17.85	17.76		
5	256QAM	1	12	17.71	17.90	17.69	19	5
5	256QAM	1	24	17.90	17.82	17.76		
5	256QAM	12	0	17.84	17.86	17.81		
5	256QAM	12	7	17.96	17.80	17.80	19	5
5	256QAM	12	13	17.67	17.83	17.64		
5	256QAM	25	0	17.70	17.92	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.90	22.79		
3	QPSK	1	8	22.67	22.84	22.67	24	0
3	QPSK	1	14	22.72	22.87	22.67		
3	QPSK	8	0	21.88	21.89	21.91		
3	QPSK	8	4	21.68	21.92	21.67	23	1
3	QPSK	8	7	21.76	21.84	21.73		
3	QPSK	15	0	21.84	21.93	21.78		
3	16QAM	1	0	21.85	21.84	21.79		
3	16QAM	1	8	21.69	21.88	21.68	23	1
3	16QAM	1	14	21.79	21.95	21.76		
3	16QAM	8	0	20.85	20.90	20.95		
3	16QAM	8	4	20.76	20.80	20.63	22	2
3	16QAM	8	7	20.79	20.82	20.76		
3	16QAM	15	0	20.82	20.87	20.88		
3	64QAM	1	0	20.79	20.81	20.79		
3	64QAM	1	8	20.68	20.82	20.65	22	2
3	64QAM	1	14	20.82	20.85	20.75		
3	64QAM	8	0	19.85	19.87	19.90		
3	64QAM	8	4	19.64	19.89	19.60	21	3
3	64QAM	8	7	19.79	19.85	19.80		
3	64QAM	15	0	19.90	19.83	19.76		
3	256QAM	1	0	17.78	17.93	17.80		
3	256QAM	1	8	17.67	17.97	17.70	19	5
3	256QAM	1	14	17.79	17.82	17.78		
3	256QAM	8	0	17.86	17.84	17.79		
3	256QAM	8	4	17.90	17.78	17.87	19	5
3	256QAM	8	7	17.68	17.87	17.61		
3	256QAM	15	0	17.67	17.93	17.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.88	22.81	22.75		
1.4	QPSK	1	3	22.70	22.83	22.69		
1.4	QPSK	1	5	22.74	22.84	22.71	24	0
1.4	QPSK	3	0	22.78	22.72	22.69		
1.4	QPSK	3	1	22.57	22.71	22.55		
1.4	QPSK	3	3	22.62	22.75	22.67		
1.4	QPSK	6	0	21.87	21.82	21.83	23	1
1.4	16QAM	1	0	21.92	21.82	21.88		
1.4	16QAM	1	3	21.69	21.93	21.66		
1.4	16QAM	1	5	21.81	21.93	21.78	23	1
1.4	16QAM	3	0	21.75	21.77	21.75		
1.4	16QAM	3	1	21.81	21.71	21.76		
1.4	16QAM	3	3	21.55	21.81	21.53		
1.4	16QAM	6	0	20.79	20.80	20.78	22	2
1.4	64QAM	1	0	20.85	20.82	20.79		
1.4	64QAM	1	3	20.67	20.87	20.60		
1.4	64QAM	1	5	20.81	20.82	20.78	22	2
1.4	64QAM	3	0	20.74	20.72	20.67		
1.4	64QAM	3	1	20.78	20.80	20.66		
1.4	64QAM	3	3	20.60	20.74	20.46		
1.4	64QAM	6	0	19.96	19.85	19.73	21	3
1.4	256QAM	1	0	17.84	17.88	17.78		
1.4	256QAM	1	3	17.72	17.90	17.59		
1.4	256QAM	1	5	17.81	17.77	17.74	19	5
1.4	256QAM	3	0	17.82	17.83	17.80		
1.4	256QAM	3	1	17.88	17.80	17.89		
1.4	256QAM	3	3	17.71	17.80	17.67		
1.4	256QAM	6	0	17.68	17.91	17.71	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.51	22.52	22.49		
20	QPSK	1	49	22.39	22.48	22.41	24	0
20	QPSK	1	99	22.38	22.45	22.37		
20	QPSK	50	0	21.45	21.54	21.50		
20	QPSK	50	24	21.43	21.52	21.43	23	1
20	QPSK	50	50	21.39	21.48	21.42		
20	QPSK	100	0	21.47	21.50	21.47		
20	16QAM	1	0	21.46	21.49	21.51		
20	16QAM	1	49	21.39	21.46	21.47	23	1
20	16QAM	1	99	21.38	21.47	21.39		
20	16QAM	50	0	20.45	20.60	20.52		
20	16QAM	50	24	20.45	20.48	20.41	22	2
20	16QAM	50	50	20.42	20.54	20.48		
20	16QAM	100	0	20.43	20.51	20.50		
20	64QAM	1	0	20.46	20.53	20.55		
20	64QAM	1	49	20.38	20.45	20.45	22	2
20	64QAM	1	99	20.37	20.43	20.37		
20	64QAM	50	0	19.41	19.60	19.49		
20	64QAM	50	24	19.39	19.53	19.40	21	3
20	64QAM	50	50	19.39	19.44	19.42		
20	64QAM	100	0	19.51	19.46	19.53		
20	256QAM	1	0	17.45	17.57	17.54		
20	256QAM	1	49	17.41	17.54	17.46	19	5
20	256QAM	1	99	17.39	17.44	17.42		
20	256QAM	50	0	17.42	17.50	17.50		
20	256QAM	50	24	17.44	17.51	17.53	19	5
20	256QAM	50	50	17.36	17.52	17.52		
20	256QAM	100	0	17.43	17.51	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.47	22.47	22.41		
15	QPSK	1	37	22.36	22.34	22.29	24	0
15	QPSK	1	74	22.35	22.42	22.23		
15	QPSK	36	0	21.33	21.51	21.37		
15	QPSK	36	20	21.35	21.49	21.30	23	1
15	QPSK	36	39	21.30	21.44	21.38		
15	QPSK	75	0	21.34	21.38	21.40		
15	16QAM	1	0	21.34	21.38	21.40		
15	16QAM	1	37	21.37	21.39	21.44	23	1
15	16QAM	1	74	21.34	21.41	21.26		
15	16QAM	36	0	20.38	20.55	20.45		
15	16QAM	36	20	20.35	20.41	20.37	22	2
15	16QAM	36	39	20.30	20.46	20.39		
15	16QAM	75	0	20.34	20.43	20.46		
15	64QAM	1	0	20.35	20.49	20.52		
15	64QAM	1	37	20.29	20.43	20.35	22	2
15	64QAM	1	74	20.32	20.38	20.34		
15	64QAM	36	0	19.36	19.53	19.47		
15	64QAM	36	20	19.31	19.49	19.27	21	3
15	64QAM	36	39	19.32	19.33	19.38		
15	64QAM	75	0	19.44	19.33	19.40		
15	256QAM	1	0	17.34	17.46	17.41		
15	256QAM	1	37	17.31	17.43	17.42	19	5
15	256QAM	1	74	17.26	17.39	17.32		
15	256QAM	36	0	17.32	17.36	17.36		
15	256QAM	36	20	17.33	17.41	17.39	19	5
15	256QAM	36	39	17.24	17.45	17.45		
15	256QAM	75	0	17.40	17.44	17.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.38	22.39	22.47		
10	QPSK	1	25	22.31	22.42	22.31	24	0
10	QPSK	1	49	22.26	22.31	22.31		
10	QPSK	25	0	21.33	21.44	21.37		
10	QPSK	25	12	21.40	21.45	21.30	23	1
10	QPSK	25	25	21.33	21.43	21.37		
10	QPSK	50	0	21.35	21.45	21.44		
10	16QAM	1	0	21.39	21.38	21.46		
10	16QAM	1	25	21.32	21.34	21.33	23	1
10	16QAM	1	49	21.32	21.42	21.33		
10	16QAM	25	0	20.33	20.53	20.39		
10	16QAM	25	12	20.41	20.37	20.36	22	2
10	16QAM	25	25	20.31	20.51	20.34		
10	16QAM	50	0	20.38	20.42	20.38		
10	64QAM	1	0	20.34	20.45	20.43		
10	64QAM	1	25	20.33	20.38	20.39	22	2
10	64QAM	1	49	20.32	20.37	20.34		
10	64QAM	25	0	19.37	19.56	19.41		
10	64QAM	25	12	19.30	19.51	19.35	21	3
10	64QAM	25	25	19.36	19.34	19.29		
10	64QAM	50	0	19.38	19.43	19.44		
10	256QAM	1	0	17.38	17.45	17.47		
10	256QAM	1	25	17.30	17.41	17.37	19	5
10	256QAM	1	49	17.35	17.41	17.40		
10	256QAM	25	0	17.32	17.38	17.44		
10	256QAM	25	12	17.33	17.38	17.47	19	5
10	256QAM	25	25	17.26	17.49	17.42		
10	256QAM	50	0	17.39	17.43	17.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.45	22.43	22.36		
5	QPSK	1	12	22.36	22.45	22.28	24	0
5	QPSK	1	24	22.25	22.42	22.29		
5	QPSK	12	0	21.42	21.51	21.41		
5	QPSK	12	7	21.35	21.42	21.36	23	1
5	QPSK	12	13	21.33	21.40	21.30		
5	QPSK	25	0	21.38	21.40	21.44		
5	16QAM	1	0	21.39	21.45	21.48		
5	16QAM	1	12	21.28	21.38	21.37	23	1
5	16QAM	1	24	21.35	21.43	21.36		
5	16QAM	12	0	20.31	20.49	20.40		
5	16QAM	12	7	20.36	20.38	20.39	22	2
5	16QAM	12	13	20.37	20.40	20.34		
5	16QAM	25	0	20.31	20.38	20.39		
5	64QAM	1	0	20.34	20.47	20.41		
5	64QAM	1	12	20.26	20.38	20.42	22	2
5	64QAM	1	24	20.29	20.35	20.30		
5	64QAM	12	0	19.38	19.55	19.39		
5	64QAM	12	7	19.31	19.47	19.32	21	3
5	64QAM	12	13	19.25	19.40	19.32		
5	64QAM	25	0	19.47	19.42	19.46		
5	256QAM	1	0	17.43	17.46	17.49		
5	256QAM	1	12	17.28	17.47	17.39	19	5
5	256QAM	1	24	17.25	17.32	17.40		
5	256QAM	12	0	17.32	17.40	17.44		
5	256QAM	12	7	17.34	17.42	17.47	19	5
5	256QAM	12	13	17.32	17.49	17.43		
5	256QAM	25	0	17.31	17.39	17.25		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.48	22.42	22.36		
3	QPSK	1	8	22.31	22.34	22.34	24	0
3	QPSK	1	14	22.29	22.41	22.24		
3	QPSK	8	0	21.43	21.46	21.45		
3	QPSK	8	4	21.33	21.41	21.31	23	1
3	QPSK	8	7	21.26	21.35	21.32		
3	QPSK	15	0	21.44	21.42	21.40		
3	16QAM	1	0	21.36	21.46	21.45		
3	16QAM	1	8	21.26	21.41	21.41	23	1
3	16QAM	1	14	21.30	21.45	21.36		
3	16QAM	8	0	20.33	20.51	20.42		
3	16QAM	8	4	20.38	20.38	20.30	22	2
3	16QAM	8	7	20.28	20.45	20.38		
3	16QAM	15	0	20.30	20.38	20.39		
3	64QAM	1	0	20.34	20.49	20.50		
3	64QAM	1	8	20.33	20.33	20.39	22	2
3	64QAM	1	14	20.27	20.36	20.23		
3	64QAM	8	0	19.32	19.49	19.40		
3	64QAM	8	4	19.36	19.48	19.34	21	3
3	64QAM	8	7	19.29	19.37	19.34		
3	64QAM	15	0	19.38	19.42	19.44		
3	256QAM	1	0	17.39	17.47	17.47		
3	256QAM	1	8	17.28	17.51	17.39	19	5
3	256QAM	1	14	17.29	17.40	17.33		
3	256QAM	8	0	17.29	17.44	17.46		
3	256QAM	8	4	17.39	17.44	17.41	19	5
3	256QAM	8	7	17.25	17.44	17.39		
3	256QAM	15	0	17.35	17.46	17.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.41	22.41	22.41		
1.4	QPSK	1	3	22.35	22.36	22.33		
1.4	QPSK	1	5	22.32	22.38	22.29	24	0
1.4	QPSK	3	0	22.35	22.38	22.32		
1.4	QPSK	3	1	22.26	22.32	22.23		
1.4	QPSK	3	3	22.29	22.31	22.20		
1.4	QPSK	6	0	21.45	21.37	21.39	23	1
1.4	16QAM	1	0	21.35	21.36	21.49		
1.4	16QAM	1	3	21.27	21.37	21.40		
1.4	16QAM	1	5	21.35	21.35	21.27	23	1
1.4	16QAM	3	0	21.38	21.26	21.31		
1.4	16QAM	3	1	21.22	21.23	21.47		
1.4	16QAM	3	3	21.23	21.28	21.29		
1.4	16QAM	6	0	20.38	20.38	20.42	22	2
1.4	64QAM	1	0	20.35	20.51	20.52		
1.4	64QAM	1	3	20.30	20.42	20.38		
1.4	64QAM	1	5	20.28	20.35	20.33	22	2
1.4	64QAM	3	0	20.32	20.28	20.29		
1.4	64QAM	3	1	20.30	20.39	20.43		
1.4	64QAM	3	3	20.17	20.37	20.25		
1.4	64QAM	6	0	19.43	19.43	19.41	21	3
1.4	256QAM	1	0	17.43	17.45	17.40		
1.4	256QAM	1	3	17.28	17.45	17.41		
1.4	256QAM	1	5	17.33	17.40	17.32	19	5
1.4	256QAM	3	0	17.33	17.45	17.46		
1.4	256QAM	3	1	17.37	17.38	17.42		
1.4	256QAM	3	3	17.29	17.41	17.48		
1.4	256QAM	6	0	17.39	17.48	17.28	19	5

Band 7 Ant 3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.22	21.27	21.24		
20	QPSK	1	49	21.18	21.17	21.24	22.3	0
20	QPSK	1	99	21.12	21.17	21.21		
20	QPSK	50	0	21.17	21.25	21.24		
20	QPSK	50	24	21.17	21.23	21.14	22.3	0
20	QPSK	50	50	21.19	21.22	21.20		
20	QPSK	100	0	21.15	21.20	21.24		
20	16QAM	1	0	21.18	21.21	21.19		
20	16QAM	1	49	21.20	21.26	21.21	22.3	0
20	16QAM	1	99	21.16	21.23	21.18		
20	16QAM	50	0	20.90	20.90	20.94		
20	16QAM	50	24	20.94	20.92	20.83	22	0.3
20	16QAM	50	50	20.87	20.91

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26540		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.01	23.05	23.03	23.9	0
20	QPSK	1	49	22.99	23.03	23.00		
20	QPSK	50	0	22.94	23.01	22.96		
20	QPSK	50	0	22.00	22.10	22.07	23	0.9
20	QPSK	50	24	21.95	22.03	22.01		
20	QPSK	50	50	21.99	22.06	21.98		
20	QPSK	100	0	22.05	22.09	22.04		
20	16QAM	1	0	22.06	22.07	22.06		
20	16QAM	1	49	21.99	22.03	21.99	23	0.9
20	16QAM	1	99	21.96	22.04	22.01		
20	16QAM	50	0	20.99	21.13	21.05		
20	16QAM	50	24	20.97	21.02	21.03	22	1.9
20	16QAM	50	50	21.01	21.03	20.98		
20	16QAM	100	0	21.08	21.14	20.99		
20	64QAM	1	0	21.03	21.04	21.05		
20	64QAM	1	49	20.99	21.02	20.96	22	1.9
20	64QAM	1	99	21.00	21.01	21.00		
20	64QAM	50	0	20.05	20.15	20.07		
20	64QAM	50	24	19.95	20.08	20.05	21	2.9
20	64QAM	50	50	19.97	20.09	20.02		
20	64QAM	100	0	20.02	20.11	20.01		
20	256QAM	1	0	17.94	18.06	18.08		
20	256QAM	1	49	18.00	17.99	18.01	19	4.9
20	256QAM	1	99	17.98	18.10	17.95		
20	256QAM	50	0	18.00	18.15	18.04		
20	256QAM	50	24	18.02	18.11	18.07	19	4.9
20	256QAM	50	50	18.05	17.98	17.97		
20	256QAM	100	0	17.97	18.00	17.95		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.91	23.03	22.92	23.9	0
15	QPSK	1	37	22.94	22.99	22.86		
15	QPSK	1	74	22.82	22.97	22.84		
15	QPSK	36	0	21.96	21.99	21.95		
15	QPSK	36	20	21.93	22.01	21.92	23	0.9
15	QPSK	36	39	21.87	21.95	21.89		
15	QPSK	75	0	22.02	22.02	21.95		
15	16QAM	1	0	21.99	22.03	21.94		
15	16QAM	1	37	21.91	22.01	21.91	23	0.9
15	16QAM	1	74	21.91	22.02	21.87		
15	16QAM	36	0	20.85	21.07	21.01		
15	16QAM	36	20	20.89	21.00	20.98	22	1.9
15	16QAM	36	39	20.91	21.00	20.95		
15	16QAM	75	0	20.98	21.05	20.92		
15	64QAM	1	0	20.95	20.92	20.97		
15	64QAM	1	37	20.94	20.91	20.93	22	1.9
15	64QAM	1	74	20.96	20.95	20.89		
15	64QAM	36	0	19.93	20.06	19.95		
15	64QAM	36	20	19.93	20.04	20.02	21	2.9
15	64QAM	36	39	19.92	19.97	19.89		
15	64QAM	75	0	19.89	19.99	19.95		
15	256QAM	1	0	17.90	17.93	18.03		
15	256QAM	1	37	17.91	17.86	17.92	19	4.9
15	256QAM	1	74	17.94	18.01	17.83		
15	256QAM	36	0	17.89	18.03	17.91		
15	256QAM	36	20	17.94	17.98	17.98	19	4.9
15	256QAM	36	39	17.93	17.85	17.94		
15	256QAM	75	0	17.86	17.89	17.86		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.92	22.95	22.92	23.9	0
10	QPSK	1	25	22.92	22.96	22.97		
10	QPSK	1	49	22.82	22.93	22.86		
10	QPSK	25	0	21.91	22.04	22.02		
10	QPSK	25	12	21.86	21.99	21.92	23	0.9
10	QPSK	25	25	21.95	21.98	21.87		
10	QPSK	50	0	22.01	22.05	22.00		
10	16QAM	1	0	22.02	21.96	21.93		
10	16QAM	1	25	21.92	21.97	21.90	23	0.9
10	16QAM	1	49	21.91	21.98	21.87		
10	16QAM	25	0	20.95	21.05	20.95		
10	16QAM	25	12	20.85	20.98	20.92	22	1.9
10	16QAM	25	25	20.94	20.99	20.86		
10	16QAM	50	0	21.05	21.10	20.93		
10	64QAM	1	0	20.97	20.90	20.96		
10	64QAM	1	25	20.89	20.96	20.86	22	1.9
10	64QAM	1	49	20.94	20.88	20.92		
10	64QAM	25	0	19.96	20.02	19.98		
10	64QAM	25	12	19.86	19.96	19.97	21	2.9
10	64QAM	25	25	19.85	20.01	19.89		
10	64QAM	50	0	19.90	20.08	19.92		
10	256QAM	1	0	17.88	17.97	17.97		
10	256QAM	1	25	17.94	17.91	17.94	19	4.9
10	256QAM	1	49	17.88	18.01	17.89		
10	256QAM	25	0	17.89	18.10	18.01		
10	256QAM	25	12	17.96	18.05	17.98	19	4.9
10	256QAM	25	25	17.96	17.92	17.86		
10	256QAM	50	0	17.90	17.89	17.89		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.91	22.95	22.96	23.9	0
5	QPSK	1	12	22.90	22.91	22.91		
5	QPSK	1	24	22.87	22.96	22.82		
5	QPSK	12	0	21.95	21.99	22.05		
5	QPSK	12	7	21.92	21.91	21.93	23	0.9
5	QPSK	12	13	21.93	21.97	21.95		
5	QPSK	25	0	21.97	21.95	22.01		
5	16QAM	1	0	22.03	21.99	21.92		
5	16QAM	1	12	21.94	21.93	21.89	23	0.9
5	16QAM	1	24	21.88	21.93	21.89		
5	16QAM	12	0	20.90	21.02	20.99		
5	16QAM	12	7	20.88	20.92	20.91	22	1.9
5	16QAM	12	13	20.92	20.97	20.94		
5	16QAM	25	0	20.96	21.10	20.89		
5	64QAM	1	0	20.92	20.91	21.01		
5	64QAM	1	12	20.97	20.95	20.85	22	1.9
5	64QAM	1	24	20.89	20.88	20.89		
5	64QAM	12	0	19.99	20.06	19.98		
5	64QAM	12	7	19.85	19.95	20.01	21	2.9
5	64QAM	12	13	19.94	20.01	19.96		
5	64QAM	25	0	20.00	20.09	19.87		
5	256QAM	1	0	17.83	18.02	18.01		
5	256QAM	1	12	17.97	17.88	17.89	19	4.9
5	256QAM	1	24	17.87	18.01	17.85		
5	256QAM	12	0	17.98	18.07	17.97		
5	256QAM	12	7	17.90	17.99	17.97	19	4.9
5	256QAM	12	13	17.95	17.94	17.92		
5	256QAM	25	0	17.95	17.94	17.81		
Channel				26015	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.96	23.02	22.99	23.9	0
3	QPSK	1	8	22.93	22.89	22.97		
3	QPSK	1	14	22.84	22.95	22.90		
3	QPSK	8	0	21.92	22.00	22.03		
3	QPSK	8	4	21.86	21.91	21.90	23	0.9
3	QPSK	8	7	21.85	21.96	21.92		
3	QPSK	15	0	21.95	22.04	21.97		
3	16QAM	1	0	22.00	21.99	22.00		
3	16QAM	1	8	21.96	21.93	21.90	23	0.9
3	16QAM	1	14	21.92	21.94	21.95		
3	16QAM	8	0	20.91	21.00	20.96		
3	16QAM	8	4	20.87	20.88	20.96	22	1.9
3	16QAM	8	7	20.97	20.97	20.86		
3	16QAM	15	0	21.05	21.12	20.93		
3	64QAM	1	0	20.92	20.95	20.97		
3	64QAM	1	8	20.95	21.00	20.91	22	1.9
3	64QAM	1	14	20.87	20.90	20.97		
3	64QAM	8	0	19.96	20.05	20.01		
3	64QAM	8	4	19.83	19.97	20.03	21	2.9
3	64QAM	8	7	19.89	19.98	19.98		
3	64QAM	15	0	19.94	19.98	19.96		
3	256QAM	1	0	17.85	17.95	17.95		
3	256QAM	1	8	17.93	17.86	17.91	19	4.9
3	256QAM	1	14	17.90	18.00	17.87		
3	256QAM	8	0	17.94	18.03	17.91		
3	256QAM	8	4	17.97	18.02	17.96	19	4.9
3	256QAM	8	7	17.92	17.84	17.84		
3	256QAM	15	0	17.94	17.87	17.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.97	22.96	22.99	23.9	0
1.4	QPSK	1	3	22.93	22.92	22.96		
1.4	QPSK	1	5	22.85	22.97	22.84		
1.4	QPSK	3	0	22.92	22.84	22.93		
1.4	QPSK	3	1	22.82	22.79	22.89		
1.4	QPSK	3	3	22.74	22.95	22.79		
1.4	QPSK	6	0	21.97	22.00	21.99	23	0.9
1.4	16QAM	1	0	21.99	22.01	21.99		
1.4	16QAM	1	3	21.95	21.99	21.95		
1.4	16QAM	1	5	21.91	21.95	21.97	23	0.9
1.4	16QAM	3	0	21.92	21.97	21.85		
1.4	16QAM	3	1	21.94	21.87	21.93		
1.4	16QAM	3	3	21.85	21.87	21.89		
1.4	16QAM	6	0	21.05	21.06	20.86	22	1.9
1.4	64QAM	1	0	20.99	20.98	20.92		
1.4	64QAM	1	3	20.87	20.99	20.84		
1.4	64QAM	1	5	20.93	20.97	20.94	22	1.9
1.4	64QAM	3	0	20.96	20.93	20.79		
1.4	64QAM	3	1	20.94	20.86	20.89		
1.4	64QAM	3	3	20.94	20.88	20.71		
1.4	64QAM	6	0	19.91	20.04	19.99	21	2.9
1.4	256QAM	1	0	17.82	17.93	17.95		
1.4	256QAM	1	3	17.91	17.90	17.88		
1.4	256QAM	1	5	17.89	17.98	17.84	19	4.9
1.4	256QAM	3	0	17.96	18.03	17.99		
1.4	256QAM	3	1	17.95	18.02	17.97		
1.4	256QAM	3	3	18.01	17.89	17.85		
1.4	256QAM	6	0	17.86	17.97	17.91	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.18		22	0
10	QPSK	1	25		21.15			
10	QPSK	1	49		21.13			
10	QPSK	25	0		20.18		21	1
10	QPSK	25	12		20.12			
10	QPSK	25	25		20.16			
10	QPSK	50	0		20.15			
10	16QAM	1	0		20.14			
10	16QAM	1	25		20.16		21	1
10	16QAM	1	49		20.11			
10	16QAM	25	0		19.12			
10	16QAM	25	12		19.17		20	2
10	16QAM	25	25		19.19			
10	16QAM	50	0		19.13			
10	64QAM	1	0		19.12			
10	64QAM	1	25		19.14		20	2
10	64QAM	1	49		19.06			
10	64QAM	25	0		18.21			
10	64QAM	25	12		18.14		19	3
10	64QAM	25	25		18.20			
10	64QAM	50	0		18.17			
10	256QAM	1	0		16.13			
10	256QAM	1	25		16.18		17	5
10	256QAM	1	49		16.18			
10	256QAM	25	0		16.17			
10	256QAM	25	12		16.08		17	5
10	256QAM	25	25		16.14			
10	256QAM	50	0		16.08			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.11	21.15	21.14	22	0
5	QPSK	1	12	21.08	21.05	21.02		
5	QPSK	1	24	21.10	21.06	21.09		
5	QPSK	12	0	20.12	20.16	20.10	21	1
5	QPSK	12	7	20.02	20.08	20.03		
5	QPSK	12	13	20.10	20.04	20.04		
5	QPSK	25	0	20.09	20.04	20.06		
5	16QAM	1	0	20.02	20.00	20.09	21	1
5	16QAM	1	12	20.08	20.13	20.10		
5	16QAM	1	24	20.06	20.06	20.05		
5	16QAM	12	0	19.04	19.10	19.02	20	2
5	16QAM	12	7	19.09	19.04	19.12		
5	16QAM	12	13	19.11	19.07	19.11		
5	16QAM	25	0	18.99	19.02	19.07		
5	64QAM	1	0	19.01	19.05	19.06	20	2
5	64QAM	1	12	19.11	19.09	19.11		
5	64QAM	1	24	19.01	18.97	19.01		
5	64QAM	12	0	18.11	18.11	18.13	19	3
5	64QAM	12	7	18.03	18.05	18.10		
5	64QAM	12	13	18.09	18.07	18.12		
5	64QAM	25	0	18.14	18.04	18.13		
5	256QAM	1	0	16.07	16.09	16.09	17	5
5	256QAM	1	12	16.06	16.09	16.08		
5	256QAM	1	24	16.16	16.04	16.09		
5	256QAM	12	0	16.05	16.07	16.10	17	5
5	256QAM	12	7	16.01	16.05	16.06		
5	256QAM	12	13	16.05	16.09	16.05		
5	256QAM	25	0	15.99	15.95	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.62	22.66	22.58	23.7	0
20	QPSK	1	49	22.57	22.62	22.58		
20	QPSK	1	99	22.53	22.58	22.57		
20	QPSK	50	0	21.64	21.72	21.66	23	0.7
20	QPSK	50	24	21.59	21.59	21.58		
20	QPSK	50	50	21.52	21.53	21.62		
20	QPSK	100	0	21.65	21.70	21.63		
20	16QAM	1	0	21.68	21.69	21.61		
20	16QAM	1	49	21.59	21.59	21.58	23	0.7
20	16QAM	1	99	21.50	21.60	21.56		
20	16QAM	50	0	20.63	20.67	20.65		
20	16QAM	50	24	20.57	20.62	20.55	22	1.7
20	16QAM	50	50	20.52	20.56	20.66		
20	16QAM	100	0	20.67	20.71	20.63		
20	64QAM	1	0	20.66	20.73	20.61		
20	64QAM	1	49	20.56	20.56	20.55	22	1.7
20	64QAM	1	99	20.48	20.64	20.61		
20	64QAM	50	0	19.64	19.66	19.69		
20	64QAM	50	24	19.59	19.61	19.59	21	2.7
20	64QAM	50	50	19.47	19.51	19.64		
20	64QAM	100	0	19.66	19.69	19.63		
20	256QAM	1	0	17.63	17.69	17.69		
20	256QAM	1	49	17.62	17.53	17.54	19	4.7
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64		
20	256QAM	50	24	17.69	17.73	17.59	19	4.7
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.55	22.62	22.58	23.7	0
15	QPSK	1	37	22.54	22.54	22.49		
15	QPSK	1	74	22.46	22.49	22.50		
15	QPSK	36	0	21.56	21.67	21.61		
15	QPSK	36	20	21.53	21.48	21.44	23	0.7
15	QPSK	36	39	21.39	21.40	21.53		
15	QPSK	75	0	21.59	21.65	21.54		
15	16QAM	1	0	21.58	21.63	21.51		
15	16QAM	1	37	21.48	21.53	21.50	23	0.7
15	16QAM	1	74	21.48	21.49	21.51		
15	16QAM	36	0	20.59	20.57	20.63		
15	16QAM	36	20	20.53	20.54	20.46	22	1.7
15	16QAM	36	39	20.46	20.50	20.60		
15	16QAM	75	0	20.63	20.63	20.53		
15	64QAM	1	0	20.63	20.65	20.57		
15	64QAM	1	37	20.42	20.43	20.49	22	1.7
15	64QAM	1	74	20.40	20.54	20.55		
15	64QAM	36	0	19.52	19.63	19.63		
15	64QAM	36	20	19.52	19.54	19.49	21	2.7
15	64QAM	36	39	19.33	19.41	19.58		
15	64QAM	75	0	19.57	19.58	19.53		
15	256QAM	1	0	17.57	17.60	17.63		
15	256QAM	1	37	17.56	17.44	17.52	19	4.7
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52		
15	256QAM	36	20	17.58	17.63	17.54	19	4.7
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.50	22.55	22.54	23.7	0
10	QPSK	1	25	22.47	22.51	22.49		
10	QPSK	1	49	22.51	22.51	22.50		
10	QPSK	25	0	21.60	21.59	21.63		
10	QPSK	25	12	21.49	21.47	21.47	23	0.7
10	QPSK	25	25	21.42	21.46	21.49		
10	QPSK	50	0	21.55	21.56	21.56		
10	16QAM	1	0	21.65	21.63	21.55		
10	16QAM	1	25	21.52	21.48	21.53	23	0.7
10	16QAM	1	49	21.41	21.47	21.51		
10	16QAM	25	0	20.55	20.63	20.62		
10	16QAM	25	12	20.49	20.60	20.49	22	1.7
10	16QAM	25	25	20.44	20.46	20.59		
10	16QAM	50	0	20.56	20.68	20.52		
10	64QAM	1	0	20.52	20.60	20.49		
10	64QAM	1	25	20.52	20.48	20.53	22	1.7
10	64QAM	1	49	20.43	20.61	20.49		
10	64QAM	25	0	19.57	19.56	19.62		
10	64QAM	25	12	19.53	19.57	19.46	21	2.7
10	64QAM	25	25	19.38	19.44	19.54		
10	64QAM	50	0	19.56	19.64	19.52		
10	256QAM	1	0	17.54	17.56	17.66		
10	256QAM	1	25	17.58	17.51	17.47	19	4.7
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56		
10	256QAM	25	12	17.61	17.71	17.49	19	4.7
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.55	22.56	23.7	0
5	QPSK	1	12	22.54	22.59	22.47		
5	QPSK	1	24	22.43	22.54	22.54		
5	QPSK	12	0	21.50	21.69	21.62		
5	QPSK	12	7	21.48	21.55	21.47	23	0.7
5	QPSK	12	13	21.43	21.44	21.52		
5	QPSK	25	0	21.53	21.57	21.60		
5	16QAM	1	0	21.63	21.61	21.48		
5	16QAM	1	12	21.47	21.54	21.55	23	0.7
5	16QAM	1	24	21.47	21.52	21.46		
5	16QAM	12	0	20.54	20.59	20.56		
5	16QAM	12	7	20.47	20.52	20.44	22	1.7
5	16QAM	12	13	20.45	20.45	20.56		
5	16QAM	25	0	20.54	20.60	20.54		
5	64QAM	1	0	20.52	20.62	20.50		
5	64QAM	1	12	20.48	20.49	20.47	22	1.7
5	64QAM	1	24	20.45	20.58	20.58		
5	64QAM	12	0	19.52	19.53	19.63		
5	64QAM	12	7	19.50	19.49	19.54	21	2.7
5	64QAM	12	13	19.44	19.44	19.60		
5	64QAM	25	0	19.55	19.56	19.52		
5	256QAM	1	0	17.52	17.57	17.62		
5	256QAM	1	12	17.53	17.41	17.51	19	4.7
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61		
5	256QAM	12	7	17.59	17.66	17.55	19	4.7
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.64	22.49	23.7	0
3	QPSK	1	8	22.45	22.55	22.47		
3	QPSK	1	14	22.45	22.47	22.43		
3	QPSK	8	0	21.60	21.70	21.61		
3	QPSK	8	4	21.52	21.47	21.55	23	0.7
3	QPSK	8	7	21.41	21.46	21.51		
3	QPSK	15	0	21.55	21.62	21.58		
3	16QAM	1	0	21.65	21.57	21.53		
3	16QAM	1	8	21.50	21.57	21.48	23	0.7
3	16QAM	1	14	21.38	21.50	21.44		
3	16QAM	8	0	20.58	20.58	20.54		
3	16QAM	8	4	20.48	20.51	20.48	22	1.7
3	16QAM	8	7	20.41	20.47	20.59		
3	16QAM	15	0	20.54	20.58	20.61		
3	64QAM	1	0	20.53	20.63	20.57		
3	64QAM	1	8	20.51	20.47	20.42	22	1.7
3	64QAM	1	14	20.34	20.59	20.51		
3	64QAM	8	0	19.52	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	21.04	21.20	21.08		
20	QPSK	1	49	21.09	21.11	21.07	22.3	0
20	QPSK	1	99	21.10	21.19	21.06		
20	QPSK	50	0	21.03	21.15	21.06		
20	QPSK	50	24	21.07	21.13	20.97	22.3	0
20	QPSK	50	50	21.13	21.12	21.05		
20	QPSK	100	0	21.12	21.14	21.06		
20	16QAM	1	0	21.12	21.14	21.00		
20	16QAM	1	49	21.13	21.10	21.00	22.3	0
20	16QAM	1	99	21.03	21.12	21.02		
20	16QAM	50	0	21.04	21.19	21.05		
20	16QAM	50	24	21.06	21.17	21.03	22.3	0
20	16QAM	50	50	21.13	21.14	21.04		
20	16QAM	100	0	21.10	21.16	21.06		
20	64QAM	1	0	21.09	21.17	20.99		
20	64QAM	1	49	21.07	21.17	21.05	22.3	0
20	64QAM	1	99	21.08	21.12	21.00		
20	64QAM	50	0	20.80	20.88	20.71		
20	64QAM	50	24	20.78	20.92	20.68	22	0.3
20	64QAM	50	50	20.75	20.84	20.77		
20	64QAM	100	0	20.74	20.80	20.77		
20	256QAM	1	0	18.92	18.84	18.73		
20	256QAM	1	49	18.85	18.88	18.75	20	2.3
20	256QAM	1	99	18.80	18.82	18.66		
20	256QAM	50	0	18.82	18.80	18.70		
20	256QAM	50	24	18.84	18.90	18.75	20	2.3
20	256QAM	50	50	18.74	18.88	18.72		
20	256QAM	100	0	18.76	18.92	18.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2602.5		
15	QPSK	1	0	21.00	21.09	20.89		
15	QPSK	1	37	20.98	21.10	20.94	22.3	0
15	QPSK	1	74	20.95	21.02	20.87		
15	QPSK	36	0	20.99	21.08	20.93		
15	QPSK	36	20	20.98	21.09	20.86	22.3	0
15	QPSK	36	39	21.00	21.10	20.96		
15	QPSK	75	0	20.98	21.10	20.92		
15	16QAM	1	0	21.03	21.03	20.98		
15	16QAM	1	37	20.98	21.05	20.90	22.3	0
15	16QAM	1	74	21.02	21.11	20.97		
15	16QAM	36	0	21.03	21.09	20.87		
15	16QAM	36	20	20.97	21.04	20.91	22.3	0
15	16QAM	36	39	21.00	21.05	20.96		
15	16QAM	75	0	21.04	21.08	20.88		
15	64QAM	1	0	20.97	21.09	20.95		
15	64QAM	1	37	20.96	21.08	20.91	22.3	0
15	64QAM	1	74	20.98	21.04	20.95		
15	64QAM	36	0	20.87	20.79	20.37		
15	64QAM	36	20	20.72	20.78	20.67	22	0.3
15	64QAM	36	39	20.63	20.71	20.59		
15	64QAM	75	0	20.73	20.77	20.65		
15	256QAM	1	0	18.74	18.78	18.65		
15	256QAM	1	37	18.75	18.71	18.64	20	2.3
15	256QAM	1	74	18.67	18.77	18.58		
15	256QAM	36	0	18.75	18.78	18.57		
15	256QAM	36	20	18.73	18.74	18.65	20	2.3
15	256QAM	36	39	18.68	18.79	18.67		
15	256QAM	75	0	18.65	18.73	18.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2605		
10	QPSK	1	0	21.03	21.09	20.93		
10	QPSK	1	25	21.01	21.08	20.95	22.3	0
10	QPSK	1	49	21.00	21.05	20.87		
10	QPSK	25	0	21.03	21.04	20.87		
10	QPSK	25	12	21.01	21.11	20.97	22.3	0
10	QPSK	25	25	21.03	21.05	20.88		
10	QPSK	50	0	21.01	21.00	20.92		
10	16QAM	1	0	21.00	21.04	20.87		
10	16QAM	1	25	20.93	21.05	20.93	22.3	0
10	16QAM	1	49	20.94	21.10	20.88		
10	16QAM	25	0	20.99	21.06	20.95		
10	16QAM	25	12	21.04	21.08	20.89	22.3	0
10	16QAM	25	25	20.96	21.02	20.88		
10	16QAM	50	0	20.97	21.11	20.92		
10	64QAM	1	0	20.93	21.11	20.93		
10	64QAM	1	25	20.95	21.06	20.95	22.3	0
10	64QAM	1	49	20.94	21.06	20.95		
10	64QAM	25	0	20.72	20.80	20.67		
10	64QAM	25	12	20.74	20.80	20.67	22	0.3
10	64QAM	25	25	20.75	20.77	20.60		
10	64QAM	50	0	20.63	20.79	20.64		
10	256QAM	1	0	18.83	18.77	18.57		
10	256QAM	1	25	18.68	18.82	18.63	20	2.3
10	256QAM	1	49	18.68	18.70	18.58		
10	256QAM	25	0	18.71	18.81	18.68		
10	256QAM	25	12	18.73	18.74	18.60		
10	256QAM	25	25	18.68	18.71	18.57	20	2.3
10	256QAM	50	0	18.74	18.76	18.64		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	20.94	21.03	20.97		
5	QPSK	1	12	21.02	21.06	20.97	22.3	0
5	QPSK	1	24	20.97	21.10	20.93		
5	QPSK	12	0	20.99	21.12	20.92		
5	QPSK	12	7	20.97	21.05	20.92	22.3	0
5	QPSK	12	13	21.00	21.09	20.88		
5	QPSK	25	0	21.03	21.01	20.98		
5	16QAM	1	0	21.08	21.03	21.00		
5	16QAM	1	12	21.04	21.10	20.90	22.3	0
5	16QAM	1	24	20.96	21.04	20.94		
5	16QAM	12	0	21.02	21.03	20.97		
5	16QAM	12	7	20.99	21.10	20.92	22.3	0
5	16QAM	12	13	21.00	21.02	20.97		
5	16QAM	25	0	20.95	21.01	20.94		
5	64QAM	1	0	21.03	21.01	20.93		
5	64QAM	1	12	20.94	21.09	20.89	22.3	0
5	64QAM	1	24	20.95	21.10	20.88		
5	64QAM	12	0	20.71	20.74	20.59		
5	64QAM	12	7	20.74	20.80	20.65	22	0.3
5	64QAM	12	13	20.73	20.70	20.64		
5	64QAM	25	0	20.71	20.76	20.60		
5	256QAM	1	0	18.65	18.79	18.67		
5	256QAM	1	12	18.64	18.74	18.67	20	2.3
5	256QAM	1	24	18.67	18.72	18.64		
5	256QAM	12	0	18.72	18.73	18.60		
5	256QAM	12	7	18.70	18.71	18.61		
5	256QAM	12	13	18.66	18.80	18.68	20	2.3
5	256QAM	25	0	18.68	18.71	18.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.27	21.18	21.39	21.18	21.18		
20	QPSK	1	49	21.17	21.17	21.27	21.11	21.16	22.3	0
20	QPSK	1	99	21.25	21.08	21.23	21.18	21.16		
20	QPSK	50	0	21.24	21.13	21.26	21.16	21.17		
20	QPSK	50	24	21.20	21.19	21.24	21.20	21.17	22.3	0
20	QPSK	50	50	21.21	21.12	21.23	21.09	21.25		
20	QPSK	100	0	21.19	21.09	21.25	21.16	21.15		
20	16QAM	1	0	21.18	21.13	21.21	21.17	21.16		
20	16QAM	1	49	21.26	21.14	21.24	21.15	21.18	22.3	0
20	16QAM	1	99	21.24	21.12	21.26	21.13	21.18		
20	16QAM	50	0	21.22	21.13	21.25	21.12	21.16		
20	16QAM	50	24	21.22	21.15	21.26	21.17	21.20	22.3	0
20	16QAM	50	50	21.26	21.14	21.25	21.10	21.22		
20	16QAM	100	0	21.22	21.16	21.28	21.21	21.20		
20	64QAM	1	0	21.16	21.13	21.25	21.12	21.18		
20	64QAM	1	49	21.24	21.11	21.22	21.15	21.20	22.3	0
20	64QAM	1	99	21.22	21.16	21.28	21.21	21.16		
20	64QAM	50	0	20.96	20.83	21.00	20.84	20.86		
20	64QAM	50	24	20.92	20.79	20.95	20.87	20.94	22	0.3
20	64QAM	50	50	20.97	20.84	21.01	20.88	20.86		
20	64QAM	100	0	20.94	20.85	20.94	20.80	20.94		
20	256QAM	1	0	18.97	18.84	18.97	18.88	18.88		
20	256QAM	1	49	18.95	18.81	19.00	18.86	18.89	20	2.3
20	256QAM	1	99	18.97	18.88	18.97	18.90	18.85		
20	256QAM	50	0	18.94	18.83	18.99	18.86	18.88		
20	256QAM	50	24	18.94	18.86	19.01	18.80	18.91	20	2.3
20	256QAM	50	50	18.93	18.83	18.97	18.84	18.88		
20	256QAM	100	0	18.90	18.81	18.99	18.82	18.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.13	21.06	21.19	21.02	21.07		
15	QPSK	1	37	21.13	21.07	21.20	21.02	21.14	22	0
15	QPSK	1	74	21.08	21.04	21.22	21.01	21.14		
15	QPSK	36	0	21.09	21.02	21.19	21.04	21.11		
15	QPSK	36	20	21.06	21.02	21.21	21.09	21.14	22.3	0
15	QPSK	36	39	21.05	21.04	21.20	20.99	21.05		
15	QPSK	75	0	21.08	21.00	21.19	21.03	21.08		
15	16QAM	1	0	21.16	20.97	21.13	21.10	21.08		
15	16QAM	1	37	21.05	20.98	21.16	21.01	21.06	22.3	0
15	16QAM	1	74	21.10	21.09	21.14	21.07	21.03		
15	16QAM	36	0	21.06	21.05	21.16	21.03	21.08		
15	16QAM	36	20	21.08	20.98	21.14	21.07	21.15	22.3	0
15	16QAM	36	39	21.12	20.98	21.22	21.05	21.07		
15	16QAM	75	0	21.05	21.01	21.22	20.99	21.10		
15	64QAM	1	0	21.13	21.08	21.18	21.11	21.11		
15	64QAM	1	37	21.12	20.97	21.11	20.99	21.04	22.3	0
15	64QAM	1	74	21.16	21.02	21.15	21.10	21.06		
15	64QAM	36	0	20.79	20.74	20.87	20.70	20.81		
15	64QAM	36	20	20.81	20.70	20.91	20.81	20.75	22	0.3
15	64QAM	36	39	20.77	20.75	20.83	20.72	20.78		
15	64QAM	75	0	20.76	20.75	20.84	20.71	20.74		
15	256QAM	1	0	18.79	18.69	18.84	18.75	18.77		
15	256QAM	1	37	18.79	18.77	18.82	18.78	18.75	20	2.3
15	256QAM	1	74	18.82	18.77	18.85	18.72	18.74		
15	256QAM	36	0	18.85	18.73	18.80	18.75	18.77		
15	256QAM	36	20	18.83	18.69	18.86	18.71	18.81	20	2.3
15	256QAM	36	39	18.78	18.74	18.82	18.80	18.75		
15	256QAM	75	0	18.85	18.76	18.84	18.73	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.07	21.02	21.11	21.08	21.15		
10	QPSK	1	25	21.15	21.05	21.10	21.05	21.12	22	0
10	QPSK	1	49	21.10	21.09	21.17	21.02	21.05		
10	QPSK	25	0	21.10	20.98	21.20	21.03	21.15		
10	QPSK	25	12	21.11	20.97	21.16	21.10	21.09	22.3	0
10	QPSK	25	25	21.12	20.97	21.20	21.11	21.12		
10	QPSK	50	0	21.15	21.09	21.21	21.07	21.13		
10	16QAM	1	0	21.14	21.05	21.19	21.02	21.13		
10	16QAM	1	25	21.12	21.05	21.16	21.07	21.11	22.3	0
10	16QAM	1	49	21.05	21.01	21.14	21.11	21.10		
10	16QAM	25	0	21.10	21.05	21.10	21.08	21.07		
10	16QAM	25	12	21.12	21.06	21.16	21.07	21.14	22.3	0
10	16QAM	25	25	21.11	21.06	21.21	21.02	21.12		
10	16QAM	50	0	21.13	21.06	21.11	21.00	21.13		
10	64QAM	1	0	21.14	21.06	21.20	21.00	21.15		
10	64QAM	1	25	21.11	21.06	21.21	21.07	21.07	22.3	0
10	64QAM	1	49	21.12	21.02	21.16	21.09	21.05		
10	64QAM	25	0	20.76	20.73	20.82	20.78	20.84		
10	64QAM	25	12	20.77	20.74	20.85	20.76	20.73	22	0.3
10	64QAM	25	25	20.80	20.74	20.90	20.79	20.74		
10	64QAM	50	0	20.81	20.71	20.83	20.70	20.76		
10	256QAM	1	0	18.82	18.76	18.90	18.73	18.85		
10	256QAM	1	25	18.77	18.79	18.86	18.80	18.74	20	2.3
10	256QAM	1	49	18.79	18.73	18.85	18.72	18.78		
10	256QAM	25	0	18.79	18.71	18.89	18.72	18.73		
10	256QAM	25	12	18.79	18.67	18.83	18.73	18.75	20	2.3
10	256QAM	25	25	18.79	18.74	18.80	18.71	18.80		
10	256QAM	50	0	18.79	18.69	18.81	18.75	18.76		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.12	20.98	21.20	21.07	21.15		
5	QPSK	1	12	21.06	21.02	21.03	21.05	21.05	22	0
5	QPSK	1	24	21.15	20.98	21.19	21.00	21.09		
5	QPSK	12	0	21.08	21.03	21.12	21.09	21.06		
5	QPSK	12	7	21.17	21.05	21.10	21.03	21.08	22.3	0
5	QPSK	12	13	21.06	20.99	21.15	21.04	21.07		
5	QPSK	25	0	21.12	21.00	21.18	21.06	21.06		
5	16QAM	1	0	21.06	21.03	21.18	21.01	21.07		
5	16QAM	1	12	21.15	20.97	21.11	21.02	21.04	22.3	0
5	16QAM	1	24	21.06	21.00	21.20	21.03	21.13		
5	16QAM	12	0	21.10	21.09	21.12	21.03	21.11		
5	16QAM	12	7	21.15	21.01	21.11	21.10	21.10	22.3	0
5	16QAM	12	13	21.06	21.02	21.11	21.04	21.06		
5	16QAM	25	0	21.11	21.07	21.11	21.11	21.15		
5	64QAM	1	0	21.15	21.06	21.14	21.08	21.08		
5	64QAM	1	12	21.08	21.07	21.11	21.03	21.10	22.3	0
5	64QAM	1	24	21.12	21.05	21.12	21.10	21.09		
5	64QAM	12	0	20.82	20.76	20.87	20.74	20.85		
5	64QAM	12	7	20.82	20.75	20.82	20.75	20.81	22	0.3
5	64QAM	12	13	20.76	20.70	20.81	20.79	20.79		
5	64QAM	25	0	20.77	20.72	20.85	20.81	20.81		
5	256QAM	1	0	18.79	18.76	18.90	18.77	18.83		
5	256QAM	1	12	18.83	18.77	18.81	18.73	18.77	20	2.3
5	256QAM	1	24	18.86	18.79	18.91	18.77	18.79		
5	256QAM	12	0	18.85	18.74	18.80	18.77	18.79		
5	256QAM	12	7	18.77	18.68	18.91	18.75	18.77	20	2.3
5	256QAM	12	13	18.76	18.76	18.81	18.70	18.82		
5	256QAM	25	0	18.77	18.68	18.80	18.75	18.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.83	22.85	22.94	22.77	22.74		
20	QPSK	1	49	22.87	22.88	22.89	22.83	22.82	23.9	0
20	QPSK	1	99	22.87	22.83	22.90	22.82	22.83		
20	QPSK	50	0	22.81	22.86	22.90	22.76	22.80		
20	QPSK	50	24	22.81	22.78	22.87	22.84	22.74	23.9	0
20	QPSK	50	50	22.81	22.80	22.86	22.87	22.73		
20	QPSK	100	0	22.87	22.88	22.89	22.82	22.78		
20	16QAM	1	0	22.90	22.84	22.94	22.78	22.80		
20	16QAM	1	49	22.86	22.83	22.90	22.87	22.82	23.9	0
20	16QAM	1	99	22.89	22.84	22.91	22.87	22.74		
20	16QAM	50	0	22.89	22.89	22.84	22.84	22.84		
20	16QAM	50	24	22.80	22.89	22.90	22.83	22.76	23.9	0
20	16QAM	50	50	22.85	22.80	22.83	22.78	22.80		
20	16QAM	100	0	22.91	22.83	22.86	22.78	22.73		
20	64QAM	1	0	22.87	22.86	22.91	22.80	22.78		
20	64QAM	1	49	22.88	22.86	22.83	22.86	22.75	23.9	0
20	64QAM	1	99	22.82	22.81	22.85	22.79	22.85		
20	64QAM	50	0	22.81	22.82	22.85	22.86	22.73		
20	64QAM	50	24	22.82	22.83	22.83	22.77	22.79	23.9	0
20	64QAM	50	50	22.90	22.82	22.86	22.75	22.81		
20	64QAM	100	0	22.85	22.78	22.84	22.81	22.84		
20	256QAM	1	0	20.94	20.92	20.97	20.95	20.95		
20	256QAM	1	49	20.96	20.96	21.01	20.90	20.83	22	1.9
20	256QAM	1	99	20.92	20.90	21.03	20.85	20.90		
20	256QAM	50	0	20.92	20.97	20.96	20.85	20.94		
20	256QAM	50	24	20.95	20.95	21.05	20.92	20.89	22	1.9
20	256QAM	50	50	20.99	20.90	21.03	20.87	20.92		
20	256QAM	100	0	20.92	20.95	20.98	20.93	20.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.71	22.84	22.61	22.65		
15	QPSK	1	37	22.73	22.73	22.80	22.74	22.75	24	0
15	QPSK	1	74	22.82	22.76	22.80	22.75	22.75		
15	QPSK	36	0	22.67	22.81	22.81	22.71	22.71		
15	QPSK	36	20	22.65	22.64	22.75	22.74	22.64	23.9	0
15	QPSK	36	39	22.70	22.65	22.72	22.76	22.58		
15	QPSK	75	0	22.72	22.79	22.77	22.70	22.64		
15	16QAM	1	0	22.82	22.76	22.69	22.73	22.74		
15	16QAM	1	37	22.81	22.76	22.84	22.81	22.67	23.9	0
15	16QAM	1	74	22.76	22.78	22.84	22.82	22.68		
15	16QAM	36	0	22.81	22.77	22.70	22.72	22.74		
15	16QAM	36	20	22.69	22.78	22.76	22.70	22.62	23.9	0
15	16QAM	36	39	22.74	22.68	22.67	22.67	22.74		
15	16QAM	75	0	22.83	22.75	22.71	22.64	22.67		
15	64QAM	1	0	22.74	22.76	22.86	22.70	22.63		
15	64QAM	1	37	22.77	22.78	22.74	22.71	22.62	23.9	0
15	64QAM	1	74	22.69	22.69	22.75	22.65	22.76		
15	64QAM	36	0	22.79	22.71	22.71	22.80	22.61		
15	64QAM	36	20	22.70	22.67	22.72	22.66	22.73	23.9	0
15	64QAM	36	39	22.82	22.77	22.74	22.70	22.71		
15	64QAM	75	0	22.81	22.65	22.76	22.77	22.76		
15	256QAM	1	0	20.84	20.79	20.85	20.85	20.86		
15	256QAM	1	37	20.83	20.92	20.90	20.77	20.79	22	1.9
15	256QAM	1	74	20.80	20.76	20.90	20.78	20.77		
15	256QAM	36	0	20.86	20.83	20.89	20.78	20.84		
15	256QAM	36	20	20.91	20.90	20.98	20.77	20.74	22	1.9
15	256QAM	36	39	20.84	20.77	20.96	20.77	20.85		
15	256QAM	75	0	20.76	20.80	20.86	20.81	20.90		
Channel				39750	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.66	22.72	22.90	22.69	22.66		
10	QPSK	1	25	22.80	22.78	22.84	22.78	22.70	24	0
10	QPSK	1	49	22.76	22.74	22.81	22.72	22.76		
10	QPSK	25	0	22.70	22.75	22.80	22.67	22.69		
10	QPSK	25	12	22.72	22.69	22.71	22.70	22.61	23.9	0
10	QPSK	25	25	22.69	22.69	22.72	22.76	22.61		
10	QPSK	50	0	22.71	22.83	22.76	22.73	22.66		
10	16QAM	1	0	22.86	22.74	22.77	22.64	22.66		
10	16QAM	1	25	22.75	22.70	22.76	22.71	22.77	23.9	0
10	16QAM	1	49	22.76	22.79	22.81	22.82	22.70		
10	16QAM	25	0	22.76	22.83	22.68	22.72	22.73		
10	16QAM	25	12	22.74	22.83	22.85	22.72	22.68	23.9	0
10	16QAM	25	25	22.77	22.66	22.69	22.68	22.71		
10	16QAM	50	0	22.79	22.74	22.82	22.67

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3990	3975	3990		
20	QPSK	1	0	22.36	22.27	22.18	24	0
20	QPSK	1	49	22.18	22.23	22.11		
20	QPSK	1	99	22.16	22.19	22.10		
20	QPSK	50	0	21.22	21.35	21.23	23	1
20	QPSK	50	24	21.12	21.32	21.20		
20	QPSK	50	50	21.10	21.27	21.17		
20	QPSK	100	0	21.24	21.33	21.21		
20	16QAM	1	0	21.15	21.31	21.22	23	1
20	16QAM	1	49	21.13	21.24	21.20		
20	16QAM	1	99	21.19	21.22	21.12		
20	16QAM	50	0	20.28	20.30	20.19	22	2
20	16QAM	50	24	20.12	20.18	20.17		
20	16QAM	50	50	20.11	20.28	20.06		
20	16QAM	100	0	20.12	20.28	20.26		
20	64QAM	1	0	20.23	20.34	20.15	22	2
20	64QAM	1	49	20.20	20.32	20.11		
20	64QAM	1	99	20.04	20.18	20.11		
20	64QAM	50	0	19.27	19.34	19.30	21	3
20	64QAM	50	24	19.15	19.32	19.16		
20	64QAM	50	50	19.07	19.20	19.00		
20	64QAM	100	0	19.14	19.29	19.29		
20	256QAM	1	0	17.22	17.38	17.22	19	5
20	256QAM	1	49	17.09	17.22	17.24		
20	256QAM	1	99	17.10	17.18	17.04		
20	256QAM	50	0	17.12	17.33	17.25	19	5
20	256QAM	50	24	17.22	17.29	17.20		
20	256QAM	50	50	17.08	17.25	17.22		
20	256QAM	100	0	17.17	17.24	17.15		
Channel				43115	43265	43315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3970.5	3975	3979.5		
15	QPSK	1	0	22.20	22.25	22.15	24	0
15	QPSK	1	37	22.14	22.22	22.13		
15	QPSK	1	74	22.10	22.13	22.08		
15	QPSK	36	0	21.25	21.25	21.19	23	1
15	QPSK	36	20	21.09	21.26	21.14		
15	QPSK	36	39	21.06	21.20	21.01		
15	QPSK	75	0	21.22	21.31	21.14		
15	16QAM	1	0	21.10	21.24	21.16	23	1
15	16QAM	1	37	21.09	21.20	21.12		
15	16QAM	1	74	21.11	21.18	21.09		
15	16QAM	36	0	20.20	20.25	20.13	22	2
15	16QAM	36	20	20.06	20.14	20.13		
15	16QAM	36	39	20.04	20.26	20.02		
15	16QAM	75	0	20.06	20.23	20.21		
15	64QAM	1	0	20.20	20.29	20.12	22	2
15	64QAM	1	37	20.17	20.30	20.04		
15	64QAM	1	74	20.06	20.12	20.03		
15	64QAM	36	0	19.24	19.29	19.24	21	3
15	64QAM	36	20	19.10	19.24	19.10		
15	64QAM	36	39	19.03	19.16	19.05		
15	64QAM	75	0	19.11	19.23	19.26		
15	256QAM	1	0	17.17	17.32	17.18	19	5
15	256QAM	1	37	17.01	17.17	17.18		
15	256QAM	1	74	17.04	17.15	17.13		
15	256QAM	36	0	17.05	17.27	17.21	19	5
15	256QAM	36	20	17.15	17.23	17.13		
15	256QAM	36	39	17.02	17.28	17.17		
15	256QAM	75	0	17.12	17.18	17.11		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3985	3975	3965		
10	QPSK	1	0	22.20	22.26	22.31	24	0
10	QPSK	1	25	22.13	22.20	22.23		
10	QPSK	1	49	22.13	22.16	22.07		
10	QPSK	25	0	21.19	21.27	21.16	23	1
10	QPSK	25	12	21.08	21.30	21.18		
10	QPSK	25	25	21.03	21.24	21.05		
10	QPSK	50	0	21.16	21.28	21.18		
10	16QAM	1	0	21.08	21.26	21.20	23	1
10	16QAM	1	25	21.06	21.17	21.17		
10	16QAM	1	49	21.17	21.20	21.07		
10	16QAM	25	0	20.24	20.22	20.16	22	2
10	16QAM	25	12	20.06	20.11	20.12		
10	16QAM	25	25	20.07	20.23	20.01		
10	16QAM	50	0	20.08	20.25	20.22		
10	64QAM	1	0	20.16	20.30	20.09	22	2
10	64QAM	1	25	20.17	20.27	20.07		
10	64QAM	1	49	20.05	20.12	20.06		
10	64QAM	25	0	19.24	19.27	19.24	21	3
10	64QAM	25	12	19.08	19.28	19.11		
10	64QAM	25	25	19.03	19.17	19.08		
10	64QAM	50	0	19.09	19.21	19.25		
10	256QAM	1	0	17.19	17.32	17.14	19	5
10	256QAM	1	25	17.03	17.20	17.19		
10	256QAM	1	49	17.06	17.11	17.15		
10	256QAM	25	0	17.07	17.27	17.22	19	5
10	256QAM	25	12	17.19	17.26	17.14		
10	256QAM	25	25	17.05	17.25	17.14		
10	256QAM	50	0	17.12	17.17	17.07		
Channel				43115	43265	43365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3972.5	3975	3977.5		
5	QPSK	1	0	22.18	22.23	22.15	24	0
5	QPSK	1	12	22.11	22.20	22.03		
5	QPSK	1	24	22.13	22.12	22.05		
5	QPSK	12	0	21.16	21.27	21.19	23	1
5	QPSK	12	7	21.05	21.26	21.15		
5	QPSK	12	13	21.04	21.20	21.01		
5	QPSK	25	0	21.19	21.30	21.14		
5	16QAM	1	0	20.56	20.38	20.18	23	1
5	16QAM	1	12	21.08	21.19	21.15		
5	16QAM	1	24	21.16	21.21	21.04		
5	16QAM	12	0	20.21	20.22	20.16	22	2
5	16QAM	12	7	20.04	20.16	20.14		
5	16QAM	12	13	20.05	20.20	20.02		
5	16QAM	25	0	20.08	20.22	20.21		
5	64QAM	1	0	20.16	20.32	20.11	22	2
5	64QAM	1	12	20.14	20.27	20.07		
5	64QAM	1	24	20.02	20.15	20.09		
5	64QAM	12	0	19.20	19.26	19.25	21	3
5	64QAM	12	7	19.08	19.23	19.12		
5	64QAM	12	13	19.03	19.13	19.05		
5	64QAM	25	0	19.11	19.21	19.27		
5	256QAM	1	0	17.17	17.32	17.15	19	5
5	256QAM	1	12	17.06	17.20	17.19		
5	256QAM	1	24	17.03	17.16	17.02		
5	256QAM	12	0	17.09	17.29	17.20	19	5
5	256QAM	12	7	17.20	17.24	17.17		
5	256QAM	12	13	17.02	17.25	17.19		
5	256QAM	25	0	17.13	17.19	17.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.89	21.93	21.86	22.8	0
20	QPSK	1	49	21.90	21.89	21.79		
20	QPSK	1	99	21.78	21.87	21.73		
20	QPSK	50	0	20.90	20.91	20.83	22	0.8
20	QPSK	50	24	20.81	20.90	20.77		
20	QPSK	50	50	20.77	20.81	20.67		
20	QPSK	100	0	20.85	20.90	20.81		
20	16QAM	1	0	20.92	20.89	20.86	22	0.8
20	16QAM	1	49	20.73	20.92	20.78		
20	16QAM	1	99	20.76	20.92	20.77		
20	16QAM	50	0	19.92	19.90	19.79	21	1.8
20	16QAM	50	24	19.83	19.89	19.80		
20	16QAM	50	50	19.81	19.79	19.71		
20	16QAM	100	0	19.87	19.89	19.86		
20	64QAM	1	0	19.97	19.94	19.85	21	1.8
20	64QAM	1	49	19.75	19.94	19.74		
20	64QAM	1	99	19.77	19.90	19.76		
20	64QAM	50	0	18.90	18.91	18.88	20	2.8
20	64QAM	50	24	18.76	18.92	18.76		
20	64QAM	50	50	18.79	18.83	18.62		
20	64QAM	100	0	18.80	18.92	18.91		
20	256QAM	1	0	16.91	16.88	16.87	18	4.8
20	256QAM	1	49	16.77	16.94	16.82		
20	256QAM	1	99	16.80	16.81	16.69		
20	256QAM	50	0	16.89	16.96	16.87	18	4.8
20	256QAM	50	24	16.87	16.94	16.81		
20	256QAM	50	50	16.79	16.95	16.82		
20	256QAM	100	0	16.71	16.94	16.78		
Channel				42165	42565	42965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.80	21.80	22.8	0
15	QPSK	1	37	21.80	21.77	21.73		
15	QPSK	1	74	21.70	21.74	21.64		
15	QPSK	36	0	20.82	20.81	20.80	22	0.8
15	QPSK	36	20	20.70	20.85	20.64		
15	QPSK	36	39	20.73	20.77	20.58		
15	QPSK	75	0	20.79	20.86	20.78		
15	16QAM	1	0	20.88	20.87	20.77	22	0.8
15	16QAM	1	37	20.73	20.81	20.67		
15	16QAM	1	74	20.66	20.83	20.65		
15	16QAM	36	0	19.85	19.83	19.66	21	1.8
15	16QAM	36	20	19.81	19.75	19.69		
15	16QAM	36	39	19.76	19.67	19.66		
15	16QAM	75	0	19.83	19.84	19.75		
15	64QAM	1	0	19.87	19.80	19.82	21	1.8
15	64QAM	1	37	19.72	19.85	19.61		
15	64QAM	1	74	19.70	19.81	19.72		
15	64QAM	36	0	18.87	18.88	18.79	20	2.8
15	64QAM	36	20	18.68	18.85	18.67		
15	64QAM	36	39	18.73	18.80	18.50		
15	64QAM	75	0	18.83	18.76	18.83		
15	256QAM	1	0	16.79	16.85	16.81	18	4.8
15	256QAM	1	37	16.66	16.82	16.80		
15	256QAM	1	74	16.76	16.70	16.64		
15	256QAM	36	0	16.80	16.83	16.82	18	4.8
15	256QAM	36	20	16.62	16.91	16.73		
15	256QAM	36	39	16.73	16.86	16.71		
15	256QAM	75	0	16.57	16.91	16.65		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.79	21.89	21.76	22.8	0
10	QPSK	1	25	21.77	21.86	21.67		
10	QPSK	1	49	21.69	21.77	21.64		
10	QPSK	25	0	20.86	20.84	20.70	22	0.8
10	QPSK	25	12	20.75	20.87	20.68		
10	QPSK	25	25	20.73	20.74	20.59		
10	QPSK	50	0	20.80	20.80	20.81		
10	16QAM	1	0	20.86	20.86	20.78	22	0.8
10	16QAM	1	25	20.62	20.80	20.67		
10	16QAM	1	49	20.66	20.87	20.68		
10	16QAM	25	0	19.81	19.78	19.68	21	1.8
10	16QAM	25	12	19.71	19.85	19.76		
10	16QAM	25	25	19.77	19.67	19.65		
10	16QAM	50	0	19.84	19.86	19.81		
10	64QAM	1	0	19.91	19.80	19.78	21	1.8
10	64QAM	1	25	19.65	19.80	19.71		
10	64QAM	1	49	19.69	19.87	19.63		
10	64QAM	25	0	18.87	18.87	18.81	20	2.8
10	64QAM	25	12	18.66	18.84	18.68		
10	64QAM	25	25	18.67	18.76	18.56		
10	64QAM	50	0	18.85	18.77	18.82		
10	256QAM	1	0	16.76	16.84	16.83	18	4.8
10	256QAM	1	25	16.63	16.87	16.76		
10	256QAM	1	49	16.67	16.70	16.62		
10	256QAM	25	0	16.83	16.85	16.75	18	4.8
10	256QAM	25	12	16.79	16.80	16.77		
10	256QAM	25	25	16.67	16.84	16.73		
10	256QAM	50	0	16.59	16.83	16.72		
Channel				42115	42565	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.72	22.8	0
5	QPSK	1	12	21.72	21.77	21.62		
5	QPSK	1	24	21.74	21.74	21.61		
5	QPSK	12	0	20.76	20.85	20.69	22	0.8
5	QPSK	12	7	20.73	20.86	20.74		
5	QPSK	12	13	20.68	20.79	20.54		
5	QPSK	25	0	20.80	20.76	20.82		
5	16QAM	1	0	20.73	20.78	20.76	22	0.8
5	16QAM	1	12	20.65	20.78	20.65		
5	16QAM	1	24	20.70	20.81	20.72		
5	16QAM	12	0	19.81	19.76	19.69	21	1.8
5	16QAM	12	7	19.69	19.87	19.71		
5	16QAM	12	13	19.73	19.80	19.66		
5	16QAM	25	0	19.77	19.83	19.80		
5	64QAM	1	0	19.86	19.80	19.77	21	1.8
5	64QAM	1	12	19.70	19.86	19.61		
5	64QAM	1	24	19.69	19.85	19.67		
5	64QAM	12	0	18.76	18.81	18.75	20	2.8
5	64QAM	12	7	18.66	18.77	18.68		
5	64QAM	12	13	18.69	18.69	18.55		
5	64QAM	25	0	18.81	18.76	18.78		
5	256QAM	1	0	16.82	16.80	16.79	18	4.8
5	256QAM	1	12	16.66	16.89	16.76		
5	256QAM	1	24	16.75	16.67	16.58		
5	256QAM	12	0	16.85	16.88	16.77	18	4.8
5	256QAM	12	7	16.77	16.91	16.77		
5	256QAM	12	13	16.70	16.86	16.71		
5	256QAM	25	0	16.60	16.85	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43690	44190		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	22.31	22.41	22.31	24	0
20	QPSK	1	49	22.12	22.32	22.23		
20	QPSK	1	99	22.15	22.27	22.22		
20	QPSK	50	0	21.28	21.38	21.19	23	1
20	QPSK	50	24	21.12	21.23	21.26		
20	QPSK	50	50	21.14	21.34	21.28		
20	QPSK	100	0	21.26	21.42	21.31		
20	16QAM	1	0	21.27	21.24	21.30	23	1
20	16QAM	1	49	21.14	21.44	21.20		
20	16QAM	1	99	21.16	21.34	21.19		
20	16QAM	50	0	20.29	20.37	20.21	22	2
20	16QAM	50	24	20.10	20.22	20.23		
20	16QAM	50	50	20.13	20.30	20.28		
20	16QAM	100	0	20.30	20.34	20.39		
20	64QAM	1	0	20.25	20.34	20.32	22	2
20	64QAM	1	49	20.22	20.44	20.27		
20	64QAM	1	99	20.21	20.33	20.23		
20	64QAM	50	0	19.31	19.38	19.31	21	3
20	64QAM	50	24	19.11	19.25	19.28		
20	64QAM	50	50	19.18	19.27	19.20		
20	64QAM	100	0	19.23	19.26	19.35		
20	256QAM	1	0	17.34	17.43	17.24	19	5
20	256QAM	1	49	17.12	17.30	17.16		
20	256QAM	1	99	17.19	17.23	17.34		
20	256QAM	50	0	17.25	17.29	17.38	19	5
20	256QAM	50	24	17.27	17.32	17.33		
20	256QAM	50	50	17.23	17.39	17.23		
20	256QAM	100	0	17.12	17.36	17.20		
Channel				43115	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	22.18	22.30	22.19	24	0
15	QPSK	1	37	22.05	22.23	22.13		
15	QPSK	1	74	22.05	22.16	22.12		
15	QPSK	36	0	21.18	21.29	21.09	23	1
15	QPSK	36	20	21.03	21.14	21.13		
15	QPSK	36	39	21.06	21.22	21.19		
15	QPSK	75	0	21.17	21.34	21.21		
15	16QAM	1	0	21.15	21.13	21.22	23	1
15	16QAM	1	37	21.02	21.34	21.09		
15	16QAM	1	74	21.09	21.21	21.10		
15	16QAM	36	0	20.16	20.27	20.11	22	2
15	16QAM	36	20	20.02	20.10	20.12		
15	16QAM	36	39	20.01	20.16	20.20		
15	16QAM	75	0	20.22	20.23	20.27		
15	64QAM	1	0	20.17	20.27	20.21	22	2
15	64QAM	1	37	20.13	20.33	20.18		
15	64QAM	1	74	20.13	20.21	20.10		
15	64QAM	36	0	19.23	19.26	19.23	21	3
15	64QAM	36	20	19.03	19.12	19.16		
15	64QAM	36	39	19.11	19.19	19.08		
15	64QAM	75	0	19.10	19.17	19.27		
15	256QAM	1	0	17.21	17.30	17.14	19	5
15	256QAM	1	37	17.02	17.22	17.07		
15	256QAM	1	74	17.09	17.15	17.24		
15	256QAM	36	0	17.13	17.18	17.23	19	5
15	256QAM	36	20	17.16	17.24	17.22		
15	256QAM	36	39	17.11	17.26	17.16		
15	256QAM	75	0	17.04	17.30	17.11		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	22.20	22.32	22.20	24	0
10	QPSK	1	25	22.00	22.19	22.11		
10	QPSK	1	49	22.02	22.20	22.12		
10	QPSK	25	0	21.21	21.29	21.08	23	1
10	QPSK	25	12	21.03	21.15	21.16		
10	QPSK	25	25	21.02	21.17	21.17		
10	QPSK	50	0	21.16	21.32	21.20		
10	16QAM	1	0	21.19	21.13	21.19	23	1
10	16QAM	1	25	21.06	21.36	21.09		
10	16QAM	1	49	21.08	21.23	21.08		
10	16QAM	25	0	20.16	20.26	20.14	22	2
10	16QAM	25	12	20.01	20.10	20.14		
10	16QAM	25	25	20.06	20.19	20.17		
10	16QAM	50	0	20.20	20.23	20.32		
10	64QAM	1	0	20.17	20.22	20.24	22	2
10	64QAM	1	25	20.10	20.34	20.18		
10	64QAM	1	49	20.12	20.25	20.12		
10	64QAM	25	0	19.24	19.27	19.20	21	3
10	64QAM	25	12	19.04	19.13	19.22		
10	64QAM	25	25	19.08	19.17	19.11		
10	64QAM	50	0	19.13	19.13	19.27		
10	256QAM	1	0	17.25	17.35	17.15	19	5
10	256QAM	1	25	17.04	17.20	17.04		
10	256QAM	1	49	17.05	17.11	17.13		
10	256QAM	25	0	17.15	17.20	17.28	19	5
10	256QAM	25	12	17.20	17.24	17.22		
10	256QAM	25	25	17.14	17.24	17.13		
10	256QAM	50	0	17.00	17.26	17.11		
Channel				43815	44090	44365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	22.20	22.30	22.22	24	0
5	QPSK	1	12	22.01	22.21	22.05		
5	QPSK	1	24	22.03	22.19	22.11		
5	QPSK	12	0	21.19	21.30	21.09	23	1
5	QPSK	12	7	21.01	21.18	21.14		
5	QPSK	12	13	21.07	21.24	21.18		
5	QPSK	25	0	21.17	21.34	21.20		
5	16QAM	1	0	21.01	21.14	21.18	23	1
5	16QAM	1	12	21.02	21.35	21.13		
5	16QAM	1	24	21.07	21.22	21.12		
5	16QAM	12	0	20.20	20.26	20.12	22	2
5	16QAM	12	7	20.01	20.11	20.13		
5	16QAM	12	13	20.03	20.20	20.19		
5	16QAM	25	0	20.21	20.22	20.27		
5	64QAM	1	0	20.17	20.20	20.09	22	2
5	64QAM	1	12	20.11	20.35	20.18		
5	64QAM	1	24	20.09	20.25	20.10		
5	64QAM	12	0	19.18	19.26	19.24	21	3
5	64QAM	12	7	19.02	19.12	19.13		
5	64QAM	12	13	19.05	19.19	19.10		
5	64QAM	25	0	19.14	19.16	19.24		
5	256QAM	1	0	17.23	17.33	17.17	19	5
5	256QAM	1	12	17.04	17.17	17.05		
5	256QAM	1	24	17.07	17.12	17.21		
5	256QAM	12	0	17.14	17.16	17.28	19	5
5	256QAM	12	7	17.17	17.16	17.23		
5	256QAM	12	13	17.11	17.28	17.12		
5	256QAM	25	0	17.01	17.26	17.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55530	55720	55940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.49	23.51	23.45	23.43	24	0
20	QPSK	1	49	23.41	23.46	23.36	23.30		
20	QPSK	1	99	23.41	23.44	23.38	23.35		
20	QPSK	50	0	22.52	22.56	22.43	22.39	23	1
20	QPSK	50	24	22.41	22.44	22.38	22.30		
20	QPSK	50	50	22.47	22.44	22.39	22.35		
20	QPSK	100	0	22.51	22.54	22.50	22.47		
20	16QAM	1	0	22.44	22.47	22.50	22.48	23	1
20	16QAM	1	49	22.36	22.48	22.33	22.24		
20	16QAM	1	99	22.41	22.39	22.41

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.48	22.52	22.40	23.5	0
20	QPSK	1	49	22.44	22.44	22.40		
20	QPSK	1	99	22.44	22.45	22.50		
20	QPSK	50	0	22.38	22.50	22.42	23.5	0
20	QPSK	50	24	22.44	22.45	22.48		
20	QPSK	50	50	22.39	22.46	22.48		
20	QPSK	100	0	22.43	22.51	22.40		
20	16QAM	1	0	22.41	22.47	22.41	23.5	0
20	16QAM	1	49	22.47	22.45	22.49		
20	16QAM	1	99	22.49	22.49	22.49		
20	16QAM	50	0	21.90	21.94	21.91	23	0.5
20	16QAM	50	24	21.87	22.01	21.90		
20	16QAM	50	50	21.96	21.92	21.95		
20	16QAM	100	0	21.87	21.93	21.96		
20	64QAM	1	0	21.93	21.92	21.93	23	0.5
20	64QAM	1	49	21.89	22.00	21.89		
20	64QAM	1	99	21.93	21.93	22.00		
20	64QAM	50	0	20.93	20.99	21.00	22	1.5
20	64QAM	50	24	20.95	21.02	20.90		
20	64QAM	50	50	20.91	20.98	20.92		
20	64QAM	100	0	20.93	20.96	21.00		
20	256QAM	1	0	18.89	18.94	18.97	20	3.5
20	256QAM	1	49	18.88	19.00	18.95		
20	256QAM	1	99	18.91	18.91	18.93		
20	256QAM	50	0	18.90	18.95	18.97	20	3.5
20	256QAM	50	24	18.87	19.02	18.90		
20	256QAM	50	50	18.94	18.95	18.94		
20	256QAM	100	0	18.88	18.96	18.97		
Channel				43160	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	22.29	22.35	22.31	23.5	0
15	QPSK	1	37	22.36	22.41	22.32		
15	QPSK	1	74	22.35	22.39	22.32		
15	QPSK	36	0	22.29	22.43	22.30	23.5	0
15	QPSK	36	20	22.35	22.37	22.30		
15	QPSK	36	39	22.38	22.33	22.39		
15	QPSK	75	0	22.32	22.38	22.34		
15	16QAM	1	0	22.37	22.33	22.30	23.5	0
15	16QAM	1	37	22.34	22.37	22.31		
15	16QAM	1	74	22.32	22.40	22.39		
15	16QAM	36	0	21.84	21.82	21.80	23	0.5
15	16QAM	36	20	21.77	21.87	21.87		
15	16QAM	36	39	21.87	21.84	21.91		
15	16QAM	75	0	21.79	21.88	21.89		
15	64QAM	1	0	21.84	21.90	21.85	23	0.5
15	64QAM	1	37	21.80	21.81	21.87		
15	64QAM	1	74	21.84	21.89	21.88		
15	64QAM	36	0	20.80	20.90	20.81	22	1.5
15	64QAM	36	20	20.77	20.84	20.80		
15	64QAM	36	39	20.85	20.81	20.82		
15	64QAM	75	0	20.79	20.83	20.85		
15	256QAM	1	0	18.84	18.84	18.89	20	3.5
15	256QAM	1	37	18.89	18.82	18.85		
15	256QAM	1	74	18.79	18.84	18.86		
15	256QAM	36	0	18.86	18.92	18.94	20	3.5
15	256QAM	36	20	18.81	18.83	18.82		
15	256QAM	36	39	18.82	18.90	18.84		
15	256QAM	75	0	18.82	18.87	18.87		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	22.29	22.32	22.40	23.5	0
10	QPSK	1	25	22.37	22.35	22.39		
10	QPSK	1	49	22.34	22.40	22.33		
10	QPSK	25	0	22.38	22.40	22.39	23.5	0
10	QPSK	25	12	22.31	22.42	22.31		
10	QPSK	25	25	22.28	22.38	22.33		
10	QPSK	50	0	22.33	22.32	22.33		
10	16QAM	1	0	22.31	22.41	22.31	23.5	0
10	16QAM	1	25	22.33	22.32	22.32		
10	16QAM	1	49	22.31	22.39	22.36		
10	16QAM	25	0	21.87	21.86	21.85	23	0.5
10	16QAM	25	12	21.86	21.88	21.89		
10	16QAM	25	25	21.86	21.86	21.84		
10	16QAM	50	0	21.80	21.89	21.85		
10	64QAM	1	0	21.87	21.90	21.89	23	0.5
10	64QAM	1	25	21.81	21.86	21.82		
10	64QAM	1	49	21.88	21.84	21.80		
10	64QAM	25	0	20.89	20.90	20.87	22	1.5
10	64QAM	25	12	20.87	20.83	20.89		
10	64QAM	25	25	20.78	20.83	20.80		
10	64QAM	50	0	20.87	20.84	20.82		
10	256QAM	1	0	18.83	18.84	18.85	20	3.5
10	256QAM	1	25	18.80	18.83	18.80		
10	256QAM	1	49	18.77	18.90	18.85		
10	256QAM	25	0	18.79	18.90	18.85	20	3.5
10	256QAM	25	12	18.79	18.83	18.87		
10	256QAM	25	25	18.79	18.88	18.91		
10	256QAM	50	0	18.85	18.86	18.86		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	22.32	22.37	22.32	23.5	0
5	QPSK	1	12	22.31	22.42	22.32		
5	QPSK	1	24	22.34	22.35	22.37		
5	QPSK	12	0	22.33	22.41	22.31	23.5	0
5	QPSK	12	7	22.29	22.32	22.39		
5	QPSK	12	13	22.27	22.41	22.30		
5	QPSK	25	0	22.28	22.41	22.31		
5	16QAM	1	0	22.36	22.37	22.39	23.5	0
5	16QAM	1	12	22.31	22.31	22.39		
5	16QAM	1	24	22.35	22.39	22.34		
5	16QAM	12	0	21.83	21.90	21.84	23	0.5
5	16QAM	12	7	21.82	21.88	21.90		
5	16QAM	12	13	21.83	21.92	21.88		
5	16QAM	25	0	21.81	21.91	21.84		
5	64QAM	1	0	21.76	21.85	21.86	23	0.5
5	64QAM	1	12	21.78	21.88	21.90		
5	64QAM	1	24	21.87	21.88	21.82		
5	64QAM	12	0	20.85	20.81	20.84	22	1.5
5	64QAM	12	7	20.81	20.90	20.81		
5	64QAM	12	13	20.85	20.84	20.81		
5	64QAM	25	0	20.81	20.81	20.91		
5	256QAM	1	0	18.87	18.92	18.88	20	3.5
5	256QAM	1	12	18.79	18.84	18.85		
5	256QAM	1	24	18.87	18.88	18.84		
5	256QAM	12	0	18.84	18.90	18.83	20	3.5
5	256QAM	12	7	18.85	18.91	18.87		
5	256QAM	12	13	18.86	18.93	18.88		
5	256QAM	25	0	18.79	18.91	18.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42490	42990		
Frequency (MHz)				3460	3550	3540		
20	QPSK	1	0	22.44	22.49	22.46	23.5	0
20	QPSK	1	49	22.46	22.43	22.48		
20	QPSK	1	99	22.38	22.45	22.48		
20	QPSK	50	0	21.88	22.00	21.91	23	0.5
20	QPSK	50	24	21.95	21.98	21.89		
20	QPSK	50	50	21.88	21.98	21.98		
20	QPSK	100	0	21.94	21.96	21.87		
20	16QAM	1	0	21.88	21.93	21.92	23	0.5
20	16QAM	1	49	21.94	21.89	21.90		
20	16QAM	1	99	21.93	21.90	21.92		
20	16QAM	50	0	20.87	20.90	20.96	22	1.5
20	16QAM	50	24	20.89	20.99	20.96		
20	16QAM	50	50	20.95	20.97	20.97		
20	16QAM	100	0	20.96	20.92	20.93		
20	64QAM	1	0	20.92	20.91	20.96	22	1.5
20	64QAM	1	49	20.96	20.99	20.89		
20	64QAM	1	99	20.92	20.91	20.89		
20	64QAM	50	0	19.96	19.95	19.94	21	2.5
20	64QAM	50	24	19.87	19.89	19.92		
20	64QAM	50	50	19.89	19.89	19.90		
20	64QAM	100	0	19.97	19.94	19.93		
20	256QAM	1	0	17.95	17.99	17.94	19	4.5
20	256QAM	1	49	17.93	17.98	17.90		
20	256QAM	1	99	17.91	17.95	17.86		
20	256QAM	50	0	17.94	17.94	17.94	19	4.5
20	256QAM	50	24	17.90	17.99	17.92		
20	256QAM	50	50	17.95	17.97	17.91		
20	256QAM	100	0	17.93	17.97	17.88		
Channel				42165	42490	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3550	3542.5	(dBm)	(dB)
15	QPSK	1	0	22.37	22.33	22.33	23.5	0
15	QPSK	1	37	22.28	22.30	22.29		
15	QPSK	1	74	22.33	22.34	22.36		
15	QPSK	36	0	21.89	21.88	21.83	23	0.5
15	QPSK	36	20	21.87	21.91	21.78		
15	QPSK	36	39	21.83	21.87	21.83		
15	QPSK	75	0	21.88	21.90	21.78		
15	16QAM	1	0	21.78	21.81	21.83	23	0.5
15	16QAM	1	37	21.86	21.89	21.84		
15	16QAM	1	74	21.85	21.90	21.83		
15	16QAM	36	0	20.80	20.80	20.83	22	1.5
15	16QAM	36	20	20.83	20.89	20.80		
15	16QAM	36	39	20.78	20.85	20.80		
15	16QAM	75	0	20.84	20.88	20.82		
15	64QAM	1	0	20.81	20.85	20.78	22	1.5
15	64QAM	1	37	20.84	20.83	20.86		
15	64QAM	1	74	20.76	20.86	20.86		
15	64QAM	36	0	19.86	19.85	19.81	21	2.5
15	64QAM	36	20	19.84	19.84	19.79		
15	64QAM	36	39	19.77	19.82	19.87		
15	64QAM	75	0	19.88	19.85	19.78		
15	256QAM	1	0	17.79	17.86	17.81	19	4.5
15	256QAM	1	37	17.85	17.86	17.87		
15	256QAM	1	74	17.89	17.80	17.85		
15	256QAM	36	0	17.84	17.81	17.85	19	4.5
15	256QAM	36	20	17.87	17.93	17.76		
15	256QAM	36	39	17.84	17.82	17.82		
15	256QAM	75	0	17.76	17.83	17.84		
Channel				42140	42490	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3550	3545	(dBm)	(dB)
10	QPSK	1	0	22.37	22.32	22.36	23.5	0
10	QPSK	1	25	22.30	22.39	22.35		
10	QPSK	1	49	22.39	22.31	22.35		
10	QPSK	25	0	21.82	21.90	21.87	23	0.5
10	QPSK	25	12	21.86	21.91	21.78		
10	QPSK	25	25	21.86	21.82	21.87		
10	QPSK	50	0	21.84	21.86	21.86		
10	16QAM	1	0	21.85	21.89	21.76	23	0.5
10	16QAM	1	25	21.79	21.82	21.84		
10	16QAM	1	49	21.80	21.81	21.86		
10	16QAM	25	0	20.78	20.86	20.87	22	1.5
10	16QAM	25	12	20.87	20.83	20.84		
10	16QAM	25	25	20.81	20.84	20.86		
10	16QAM	50	0	20.88	20.83	20.84		
10	64QAM	1	0	20.79	20.84	20.78	22	1.5
10	64QAM	1	25	20.87	20.85	20.77		
10	64QAM	1	49	20.79	20.80	20.80		
10	64QAM	25	0	19.87	19.90	19.82	21	2.5
10	64QAM	25	12	19.89	19.84	19.81		
10	64QAM	25	25	19.82	19.91	19.84		
10	64QAM	50	0	19.84	19.83	19.86		
10	256QAM	1	0	17.82	17.85	17.83	19	4.5
10	256QAM	1	25	17.87	17.93	17.87		
10	256QAM	1	49	17.77	17.90	17.80		
10	256QAM	25	0	17.78	17.82	17.79	19	4.5
10	256QAM	25	12	17.80	17.81	17.87		
10	256QAM	25	25	17.82	17.86	17.76		
10	256QAM	50	0	17.82	17.85	17.82		
Channel				42115	42490	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3550	3547.5	(dBm)	(dB)
5	QPSK	1	0	22.33	22.34	22.31	23.5	0
5	QPSK	1	12	22.35	22.39	22.35		
5	QPSK	1	24	22.36	22.40	22.28		
5	QPSK	12	0	21.84	21.82	21.83	23	0.5
5	QPSK	12	7	21.85	21.90	21.79		
5	QPSK	12	13	21.80	21.82	21.81		
5	QPSK	25	0	21.84	21.91	21.79		
5	16QAM	1	0	21.87	21.89	21.88	23	0.5
5	16QAM	1	12	21.82	21.79	21.78		
5	16QAM	1	24	21.88	21.85	21.81		
5	16QAM	12	0	20.81	20.88	20.81	22	1.5
5	16QAM	12	7	20.82	20.80	20.86		
5	16QAM	12	13	20.88	20.79	20.77		
5	16QAM	25	0	20.80	20.86	20.86		
5	64QAM	1	0	20.89	20.87	20.77	22	1.5
5	64QAM	1	12	20.88	20.80	20.77		
5	64QAM	1	24	20.88	20.80	20.81		
5	64QAM	12	0	19.79	19.83	19.88	21	2.5
5	64QAM	12	7	19.81	19.83	19.84		
5	64QAM	12	13	19.88	19.81	19.77		
5	64QAM	25	0	19.86	19.82	19.76		
5	256QAM	1	0	17.86	17.80	17.85	19	4.5
5	256QAM	1	12	17.88	17.82	17.83		
5	256QAM	1	24	17.77	17.90	17.85		
5	256QAM	12	0	17.87	17.81	17.82	19	4.5
5	256QAM	12	7	17.82	17.87	17.77		
5	256QAM	12	13	17.78	17.85	17.80		
5	256QAM	25	0	17.86	17.86	17.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.54	22.61	22.49	23.5	0
20	QPSK	1	49	22.54	22.49	22.49		
20	QPSK	1	99	22.50	22.57	22.45		
20	QPSK	50	0	22.46	22.57	22.49	23.5	0
20	QPSK	50	24	22.45	22.50	22.52		
20	QPSK	50	50	22.49	22.52	22.53		
20	QPSK	100	0	22.50	22.54	22.51		
20	16QAM	1	0	22.45	22.51	22.50	23.5	0
20	16QAM	1	49	22.50	22.54	22.56		
20	16QAM	1	99	22.47	22.59	22.50		
20	16QAM	50	0	21.94	22.07	22.00	23	0.5
20	16QAM	50	24	22.04	22.04	21.98		
20	16QAM	50	50	21.97	22.07	21.96		
20	16QAM	100	0	22.00	22.06	21.99		
20	64QAM	1	0	21.99	22.05	21.95	23	0.5
20	64QAM	1	49	21.99	22.00	22.05		
20	64QAM	1	99	22.05	21.99	22.02		
20	64QAM	50	0	20.97	21.10	21.04	22	1.5
20	64QAM	50	24	21.02	21.09	21.03		
20	64QAM	50	50	20.98	21.03	21.04		
20	64QAM	100	0	21.02	21.09	20.96		
20	256QAM	1	0	19.02	19.07	18.99	20	3.5
20	256QAM	1	49	19.05	19.09	19.00		
20	256QAM	1	99	18.97	19.10	18.98		
20	256QAM	50	0	19.02	18.99	19.04	20	3.5
20	256QAM	50	24	18.94	19.06	19.02		
20	256QAM	50	50	18.94	19.10	18.95		
20	256QAM	100	0	19.00	19.03	18.96		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	22.43	22.40	22.43	23.5	0
15	QPSK	1	37	22.38	22.44	22.38		
15	QPSK	1	74	22.37	22.41	22.38		
15	QPSK	36	0	22.41	22.42	22.37	23.5	0
15	QPSK	36	20	22.44	22.42	22.42		
15	QPSK	36	39	22.36	22.49	22.44		
15	QPSK	75	0	22.35	22.46	22.39		
15	16QAM	1	0	22.45	22.44	22.35	23.5	0
15	16QAM	1	37	22.44	22.40	22.40		
15	16QAM	1	74	22.41	22.47	22.39		
15	16QAM	36	0	21.83	22.01	21.95	23	0.5
15	16QAM	36	20	21.93	22.01	21.89		
15	16QAM	36	39	21.92	21.94	21.91		
15	16QAM	75	0	21.91	21.92	21.89		
15	64QAM	1	0	21.93	21.95	21.93	23	0.5
15	64QAM	1	37	21.90	21.97	21.92		
15	64QAM	1	74	21.88	21.93	21.88		
15	64QAM	36	0	20.94	20.92	20.91	22	1.5
15	64QAM	36	20	20.91	20.95	20.93		
15	64QAM	36	39	20.88	20.90	20.87		
15	64QAM	75	0	20.91	20.92	20.93		
15	256QAM	1	0	18.91	18.89	18.89	20	3.5
15	256QAM	1	37	18.85	18.90	18.94		
15	256QAM	1	74	18.84	18.93	18.94		
15	256QAM	36	0	18.89	18.91	18.94	20	3.5
15	256QAM	36	20	18.95	18.89	18.90		
15	256QAM	36	39	18.84	18.96	18.89		
15	256QAM	75	0	18.90	18.96	18.89		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	22.36	22.48	22.45	23.5	0
10	QPSK	1	25	22.37	22.42	22.40		
10	QPSK	1	49	22.38	22.41	22.35		
10	QPSK	25	0	22.33	22.44	22.44	23.5	0
10	QPSK	25	12	22.33	22.43	22.33		
10	QPSK	25	25	22.37	22.46	22.41		
10	QPSK	50	0	22.35	22.44	22.37		
10	16QAM	1	0	22.38	22.40	22.44	23.5	0
10	16QAM	1	25	22.38	22.45	22.38		
10	16QAM	1	49	22.44	22.44	22.35		
10	16QAM	25	0	21.85	21.94	21.93	23	0.5
10	16QAM	25	12	21.84	21.97	21.94		
10	16QAM	25	25	21.94	21.92	21.93		
10	16QAM	50	0	21.90	21.96	21.90		
10	64QAM	1	0	21.95	21.93	21.94	23	0.5
10	64QAM	1	25	21.92	22.00	21.95		
10	64QAM	1	49	21.95	21.94	21.92		
10	64QAM	25	0	20.85	20.98	20.90	22	1.5
10	64QAM	25	12	20.85	20.95	20.86		
10	64QAM	25	25	20.86	20.97	20.86		
10	64QAM	50	0	20.89	20.97	20.95		
10	256QAM	1	0	18.95	19.00	18.95	20	3.5
10	256QAM	1	25	18.93	18.94	18.90		
10	256QAM	1	49	18.94	18.93	18.91		
10	256QAM	25	0	18.97	18.99	18.94	20	3.5
10	256QAM	25	12	18.94	18.97	18.88		
10	256QAM	25	25	18.93	18.91	18.91		
10	256QAM	50	0	18.94	18.98	18.89		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	22.37	22.39	22.46	23.5	0
5	QPSK	1	12	22.40	22.43	22.34		
5	QPSK	1	24	22.34	22.44	22.37		
5	QPSK	12	0	22.33	22.43	22.38	23.5	0
5	QPSK	12	7	22.39	22.44	22.36		
5	QPSK	12	13	22.38	22.50	22.37		
5	QPSK	25	0	22.42	22.43	22.39		
5	16QAM	1	0	22.43	22.46	22.35	23.5	0
5	16QAM	1	12	22.36	22.44	22.43		
5	16QAM	1	24	22.35	22.49	22.42		
5	16QAM	12	0	21.88	21.97	21.92	23	0.5
5	16QAM	12	7	21.86	21.90	21.88		
5	16QAM	12	13	21.90	21.95	21.90		
5	16QAM	25	0	21.93	22.00	21.91		
5	64QAM	1	0	21.88	21.99	21.93	23	0.5
5	64QAM	1	12	21.90	21.99	21.94		
5	64QAM	1	24	21.84	21.97	21.89		
5	64QAM	12	0	20.90	20.89	20.90	22	1.5
5	64QAM	12	7	20.92	20.97	20.92		
5	64QAM	12	13	20.92	20.94	20.87		
5	64QAM	25	0	20.86	20.94	20.92		
5	256QAM	1	0	18.85	18.92	18.96	20	3.5
5	256QAM	1	12	18.88	18.98	18.92		
5	256QAM	1	24	18.86	19.01	18.94		
5	256QAM	12	0	18.85	18.96	18.89	20	3.5
5	256QAM	12	7	18.92	18.91	18.90		
5	256QAM	12	13	18.85	18.90	18.88		
5	256QAM	25	0	18.83	18.96	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.58	22.72	22.65	22.61	23.5	0
20	QPSK	1	49	22.67	22.63	22.59	22.64		
20	QPSK	1	99	22.67	22.70	22.64	22.67		
20	QPSK	50	0	22.68	22.69	22.63	22.62	23.5	0
20	QPSK	50	24	22.65	22.65	22.64	22.61		
20	QPSK	50	50	22.68	22.65	22.59	22.65		
20	QPSK	100	0	22.63	22.68	22.63	22.65		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.48	22.49	22.41	24	0
20	QPSK	1	49	22.39	22.42	22.33		
20	QPSK	1	99	22.45	22.39	22.36		
20	QPSK	50	0	21.49	21.55	21.38	23	1
20	QPSK	50	24	21.41	21.45	21.37		
20	QPSK	50	50	21.49	21.35	21.34		
20	QPSK	100	0	21.50	21.53	21.41		
20	16QAM	1	0	21.43	21.52	21.36	23	1
20	16QAM	1	49	21.44	21.42	21.27		
20	16QAM	1	99	21.49	21.37	21.37		
20	16QAM	50	0	20.45	20.59	20.36	22	2
20	16QAM	50	24	20.40	20.51	20.37		
20	16QAM	50	50	20.46	20.29	20.36		
20	16QAM	100	0	20.47	20.57	20.39		
20	64QAM	1	0	20.42	20.49	20.36	22	2
20	64QAM	1	49	20.40	20.44	20.24		
20	64QAM	1	99	20.53	20.38	20.32		
20	64QAM	50	0	19.49	19.53	19.33	21	3
20	64QAM	50	24	19.40	19.43	19.33		
20	64QAM	50	50	19.52	19.29	19.37		
20	64QAM	100	0	19.56	19.57	19.39		
20	256QAM	1	0	17.48	17.51	17.33	19	5
20	256QAM	1	49	17.42	17.47	17.38		
20	256QAM	1	99	17.46	17.37	17.28		
20	256QAM	50	0	17.53	17.56	17.44	19	5
20	256QAM	50	24	17.39	17.58	17.36		
20	256QAM	50	50	17.49	17.45	17.26		
20	256QAM	100	0	17.44	17.34	17.31		
Channel				43190	43340	43310	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.35	22.40	22.28	24	0
15	QPSK	1	37	22.30	22.28	22.23		
15	QPSK	1	74	22.32	22.29	22.30		
15	QPSK	36	0	21.36	21.42	21.28	23	1
15	QPSK	36	20	21.35	21.35	21.34		
15	QPSK	36	39	21.43	21.32	21.26		
15	QPSK	75	0	21.49	21.50	21.30		
15	16QAM	1	0	21.40	21.38	21.25	23	1
15	16QAM	1	37	21.35	21.30	21.15		
15	16QAM	1	74	21.44	21.30	21.27		
15	16QAM	36	0	20.42	20.53	20.26	22	2
15	16QAM	36	20	20.33	20.42	20.32		
15	16QAM	36	39	20.36	20.23	20.32		
15	16QAM	75	0	20.37	20.49	20.26		
15	64QAM	1	0	20.38	20.39	20.29	22	2
15	64QAM	1	37	20.27	20.36	20.13		
15	64QAM	1	74	20.43	20.24	20.20		
15	64QAM	36	0	19.45	19.51	19.24	21	3
15	64QAM	36	20	19.29	19.38	19.23		
15	64QAM	36	39	19.41	19.20	19.24		
15	64QAM	75	0	19.43	19.49	19.30		
15	256QAM	1	0	17.37	17.39	17.27	19	5
15	256QAM	1	37	17.39	17.38	17.31		
15	256QAM	1	74	17.38	17.26	17.21		
15	256QAM	36	0	17.48	17.45	17.37	19	5
15	256QAM	36	20	17.29	17.48	17.32		
15	256QAM	36	39	17.45	17.42	17.18		
15	256QAM	75	0	17.38	17.22	17.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.36	22.46	22.37	24	0
10	QPSK	1	25	22.36	22.38	22.27		
10	QPSK	1	49	22.41	22.38	22.22		
10	QPSK	25	0	21.45	21.41	21.26	23	1
10	QPSK	25	12	21.31	21.36	21.32		
10	QPSK	25	25	21.45	21.29	21.28		
10	QPSK	50	0	21.46	21.49	21.27		
10	16QAM	1	0	21.37	21.40	21.24	23	1
10	16QAM	1	25	21.33	21.39	21.24		
10	16QAM	1	49	21.41	21.35	21.24		
10	16QAM	25	0	20.32	20.46	20.28	22	2
10	16QAM	25	12	20.27	20.39	20.33		
10	16QAM	25	25	20.33	20.24	20.30		
10	16QAM	50	0	20.36	20.49	20.24		
10	64QAM	1	0	20.31	20.45	20.26	22	2
10	64QAM	1	25	20.37	20.34	20.21		
10	64QAM	1	49	20.42	20.29	20.23		
10	64QAM	25	0	19.44	19.50	19.24	21	3
10	64QAM	25	12	19.30	19.40	19.29		
10	64QAM	25	25	19.44	19.24	19.26		
10	64QAM	50	0	19.51	19.46	19.29		
10	256QAM	1	0	17.43	17.41	17.30	19	5
10	256QAM	1	25	17.38	17.36	17.26		
10	256QAM	1	49	17.42	17.29	17.17		
10	256QAM	25	0	17.45	17.41	17.31	19	5
10	256QAM	25	12	17.29	17.55	17.31		
10	256QAM	25	25	17.35	17.36	17.18		
10	256QAM	50	0	17.33	17.42	17.22		
Channel				43115	43342	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	22.37	22.43	22.36	24	0
5	QPSK	1	12	22.36	22.35	22.30		
5	QPSK	1	24	22.32	22.33	22.25		
5	QPSK	12	0	21.46	21.48	21.29	23	1
5	QPSK	12	7	21.35	21.32	21.26		
5	QPSK	12	13	21.37	21.25	21.30		
5	QPSK	25	0	21.44	21.35	21.30		
5	16QAM	1	0	21.39	21.41	21.25	23	1
5	16QAM	1	12	21.39	21.28	21.14		
5	16QAM	1	24	21.47	21.27	21.29		
5	16QAM	12	0	20.34	20.57	20.27	22	2
5	16QAM	12	7	20.38	20.47	20.23		
5	16QAM	12	13	20.39	20.38	20.29		
5	16QAM	25	0	20.38	20.50	20.33		
5	64QAM	1	0	20.28	20.38	20.26	22	2
5	64QAM	1	12	20.37	20.31	20.17		
5	64QAM	1	24	20.46	20.25	20.25		
5	64QAM	12	0	19.44	19.42	19.24	21	3
5	64QAM	12	7	19.40	19.23	19.27		
5	64QAM	12	13	19.39	19.22	19.27		
5	64QAM	25	0	19.48	19.47	19.36		
5	256QAM	1	0	17.40	17.43	17.31	19	5
5	256QAM	1	12	17.40	17.27	17.28		
5	256QAM	1	24	17.33	17.33	17.15		
5	256QAM	12	0	17.39	17.53	17.42	19	5
5	256QAM	12	7	17.31	17.50	17.27		
5	256QAM	12	13	17.40	17.35	17.23		
5	256QAM	25	0	17.36	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.08	22.13	22.05	23	0
20	QPSK	1	49	21.95	22.10	22.00		
20	QPSK	1	99	21.95	22.08	21.98		
20	QPSK	50	0	21.03	21.18	21.09	22	1
20	QPSK	50	24	20.93	21.08	20.99		
20	QPSK	50	50	20.99	21.03	20.93		
20	QPSK	100	0	21.11	21.16	21.04		
20	16QAM	1	0	21.05	21.12	21.07	22	1
20	16QAM	1	49	20.90	21.12	21.00		
20	16QAM	1	99	20.93	21.11	20.99		
20	16QAM	50	0	20.04	20.12	20.11	21	2
20	16QAM	50	24	19.95	20.03	20.02		
20	16QAM	50	50	20.03	20.05	19.95		
20	16QAM	100	0	20.14	20.12	20.02		
20	64QAM	1	0	20.00	20.11	20.03	21	2
20	64QAM	1	49	19.86	20.07	20.05		
20	64QAM	1	99	19.88	20.13	19.96		
20	64QAM	50	0	19.03	19.13	19.05	20	3
20	64QAM	50	24	18.88	19.13	18.97		
20	64QAM	50	50	18.97	18.98	18.91		
20	64QAM	100	0	19.16	19.15	19.02		
20	256QAM	1	0	17.05	17.19	17.11	18	5
20	256QAM	1	49	16.95	17.07	17.02		
20	256QAM	1	99	16.98	17.03	16.94		
20	256QAM	50	0	17.11	17.13	17.05	18	5
20	256QAM	50	24	17.05	17.07	17.11		
20	256QAM	50	50	16.86	17.13	17.02		
20	256QAM	100	0	16.89	17.16	16.93		
Channel				42190	42590	43010	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	21.95	21.99	21.96	23	0
15	QPSK	1	37	21.91	22.03	21.89		
15	QPSK	1	74	21.85	21.94	21.87		
15	QPSK	36	0	20.99	21.06	21.02	22	1
15	QPSK	36	20	20.81	20.99	20.94		
15	QPSK	36	39	20.96	20.93	20.90		
15	QPSK	75	0	21.05	21.07	20.91		
15	16QAM	1	0	20.94	21.09	20.98	22	1
15	16QAM	1	37	20.81	21.07	20.89		
15	16QAM	1	74	20.88	21.04	20.90		
15	16QAM	36	0	19.97	20.03	19.98	21	2
15	16QAM	36	20	19.88	19.99	19.96		
15	16QAM	36	39	19.90	20.01	19.92		
15	16QAM	75	0	20.09	19.99	19.91		
15	64QAM	1	0	19.94	19.98	19.92	21	2
15	64QAM	1	37	19.79	20.02	19.92		
15	64QAM	1	74	19.77	20.05	19.88		
15	64QAM	36	0	18.96	18.99	18.97	20	3
15	64QAM	36	20	18.86	19.06	18.85		
15	64QAM	36	39	18.96	18.92	18.85		
15	64QAM	75	0	19.09	19.13	18.98		
15	256QAM	1	0	17.01	17.13	17.08	18	5
15	256QAM	1	37	16.90	17.06	16.96		
15	256QAM	1	74	16.88	16.99	16.86		
15	256QAM	36	0	17.02	17.02	16.93	18	5
15	256QAM	36	20	17.03	17.12	17.05		
15	256QAM	36	39	16.76	17.10	16.90		
15	256QAM	75	0	16.85	17.09	16.89		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	21.99	22.10	22.01	23	0
10	QPSK	1	25	21.82	22.03	21.87		
10	QPSK	1	49	21.83	22.03	21.85		
10	QPSK	25	0	20.89	21.07	21.07	22	1
10	QPSK	25	12	20.86	21.01	20.92		
10	QPSK	25	25	20.85	20.97	20.84		
10	QPSK	50	0	21.00	21.02	21.02		
10	16QAM	1	0	20.94	21.01	20.95	22	1
10	16QAM	1	25	20.83	21.04	20.94		
10	16QAM	1	49	20.87	21.03	20.91		
10	16QAM	25	0	19.93	20.09	20.08	21	2
10	16QAM	25	12	19.88	20.00	19.89		
10	16QAM	25	25	19.90	19.99	19.84		
10	16QAM	50	0	20.02	20.10	19.98		
10	64QAM	1	0	19.90	20.02	19.97	21	2
10	64QAM	1	25	19.81	20.01	19.97		
10	64QAM	1	49	19.75	20.08	19.89		
10	64QAM	25	0	18.90	19.01	18.93	20	3
10	64QAM	25	12	18.84	19.03	18.91		
10	64QAM	25	25	18.87	18.93	18.86		
10	64QAM	50	0	19.06	19.01	18.98		
10	256QAM	1	0	17.03	17.09	16.97	18	5
10	256QAM	1	25	16.88	17.00	16.91		
10	256QAM	1	49	16.85	16.92	16.86		
10	256QAM	25	0	17.01	17.11	16.91	18	5
10	256QAM	25	12	16.94	17.01	17.05		
10	256QAM	25	25	16.78	17.06	16.94		
10	256QAM	50	0	16.81	17.05	16.87		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	21.96	22.01	21.93	23	0
5	QPSK	1	12	21.92	21.99	21.94		
5	QPSK	1	24	21.84	22.03	21.96		
5	QPSK	12	0	20.94	21.06	21.00	22	1
5	QPSK	12	7	20.83	21.00	20.96		
5	QPSK	12	13	20.88	20.90	20.84		
5	QPSK	25	0	21.00	21.05	21.02		
5	16QAM	1	0	21.01	20.99	21.02	22	1
5	16QAM	1	12	20.82	21.05	20.96		
5	16QAM	1	24	20.92	21.02	20.96		
5	16QAM	12	0	20.01	20.02	20.08	21	2
5	16QAM	12	7	19.92	19.96	19.99		
5	16QAM	12	13	19.91	19.98	19.88		
5	16QAM	25	0	20.07	20.00	19.95		
5	64QAM	1	0	19.87	19.99	19.94	21	2
5	64QAM	1	12	19.73	19.93	19.96		
5	64QAM	1	24	19.83	20.01	19.84		
5	64QAM	12	0	19.00	19.01	18.93	20	3
5	64QAM	12	7	18.85	19.07	18.94		
5	64QAM	12	13	18.87	18.96	18.79		
5	64QAM	25	0	19.06	19.10	18.97		
5	256QAM	1	0	17.00	17.14	17.06	18	5
5	256QAM	1	12	16.82	17.00	16.96		
5	256QAM	1	24	16.88	16.99	16.92		
5	256QAM	12	0	16.99	17.00	16.96	18	5
5	256QAM	12	7	16.92	16.97	17.07		
5	256QAM	12	13	16.75	17.09	16.98		
5	256QAM	25	0	16.82	17.09	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44060	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.57	22.59	22.51	24	0
20	QPSK	1	49	22.52	22.57	22.44		
20	QPSK	1	99	22.43	22.55	22.37		
20	QPSK	50	0	21.58	21.60	21.50	23	1
20	QPSK	50	24	21.55	21.58	21.50		
20	QPSK	50	50	21.40	21.51	21.38		
20	QPSK	100	0	21.53	21.58	21.51		
20	16QAM	1	0	21.53	21.56	21.49	23	1
20	16QAM	1	49	21.54	21.51	21.46		
20	16QAM	1	99	21.41	21.60	21.32		
20	16QAM	50	0	20.60	20.63	20.46	22	2
20	16QAM	50	24	20.55	20.54	20.48		
20	16QAM	50	50	20.35	20.51	20.36		
20	16QAM	100	0	20.61	20.59	20.56		
20	64QAM	1	0	20.47	20.56	20.52	22	2
20	64QAM	1	49	20.58	20.56	20.49		
20	64QAM	1	99	20.45	20.65	20.34		
20	64QAM	50	0	19.61	19.58	19.44	21	3
20	64QAM	50	24	19.54	19.60	19.44		
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.63	19.60	19.53		
20	256QAM	1	0	17.42	17.64	17.51	19	5
20	256QAM	1	49	17.52	17.62	17.55		
20	256QAM	1	99	17.36	17.56	17.42		
20	256QAM	50	0	17.54	17.64	17.47	19	5
20	256QAM	50	24	17.50	17.54	17.52		
20	256QAM	50	50	17.56	17.53	17.51		
20	256QAM	100	0	17.38	17.62	17.31		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	22.50	22.47	22.43	24	0
15	QPSK	1	37	22.44	22.49	22.41		
15	QPSK	1	74	22.30	22.44	22.27		
15	QPSK	36	0	21.51	21.53	21.44	23	1
15	QPSK	36	20	21.49	21.48	21.39		
15	QPSK	36	39	21.29	21.44	21.26		
15	QPSK	75	0	21.44	21.52	21.44		
15	16QAM	1	0	21.40	21.54	21.42	23	1
15	16QAM	1	37	21.47	21.39	21.43		
15	16QAM	1	74	21.35	21.55	21.19		
15	16QAM	36	0	20.51	20.59	20.43	22	2
15	16QAM	36	20	20.46	20.47	20.40		
15	16QAM	36	39	20.28	20.42	20.26		
15	16QAM	75	0	20.53	20.53	20.43		
15	64QAM	1	0	20.34	20.49	20.41	22	2
15	64QAM	1	37	20.46	20.47	20.42		
15	64QAM	1	74	20.43	20.61	20.29		
15	64QAM	36	0	19.53	19.52	19.31	21	3
15	64QAM	36	20	19.43	19.51	19.41		
15	64QAM	36	39	19.31	19.39	19.30		
15	64QAM	75	0	19.57	19.57	19.42		
15	256QAM	1	0	17.48	17.58	17.44	19	5
15	256QAM	1	37	17.44	17.51	17.44		
15	256QAM	1	74	17.29	17.50	17.39		
15	256QAM	36	0	17.42	17.61	17.42	19	5
15	256QAM	36	20	17.42	17.42	17.42		
15	256QAM	36	39	17.44	17.40	17.37		
15	256QAM	75	0	17.25	17.40	17.19		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	22.48	22.48	22.39	24	0
10	QPSK	1	25	22.38	22.51	22.36		
10	QPSK	1	49	22.37	22.42	22.27		
10	QPSK	25	0	21.57	21.56	21.42	23	1
10	QPSK	25	12	21.45	21.49	21.46		
10	QPSK	25	25	21.34	21.47	21.34		
10	QPSK	50	0	21.47	21.45	21.38		
10	16QAM	1	0	21.48	21.48	21.42	23	1
10	16QAM	1	25	21.43	21.39	21.44		
10	16QAM	1	49	21.34	21.52	21.27		
10	16QAM	25	0	20.49	20.58	20.44	22	2
10	16QAM	25	12	20.48	20.42	20.41		
10	16QAM	25	25	20.30	20.37	20.26		
10	16QAM	50	0	20.52	20.48	20.47		
10	64QAM	1	0	20.34	20.50	20.47	22	2
10	64QAM	1	25	20.50	20.51	20.40		
10	64QAM	1	49	20.38	20.55	20.21		
10	64QAM	25	0	19.55	19.51	19.36	21	3
10	64QAM	25	12	19.51	19.49	19.31		
10	64QAM	25	25	19.26	19.42	19.36		
10	64QAM	50	0	19.50	19.50	19.49		
10	256QAM	1	0	17.49	17.60	17.45	19	5
10	256QAM	1	25	17.46	17.56	17.52		
10	256QAM	1	49	17.29	17.42	17.33		
10	256QAM	25	0	17.45	17.45	17.45	19	5
10	256QAM	25	12	17.41	17.44	17.45		
10	256QAM	25	25	17.45	17.45	17.46		
10	256QAM	50	0	17.26	17.53	17.22		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	22.48	22.54	22.47	24	0
5	QPSK	1	12	22.43	22.48	22.35		
5	QPSK	1	24	22.32	22.46	22.27		
5	QPSK	12	0	21.48	21.53	21.39	23	1
5	QPSK	12	7	21.53	21.49	21.47		
5	QPSK	12	13	21.26	21.42	21.28		
5	QPSK	25	0	21.48	21.53	21.38		
5	16QAM	1	0	21.40	21.45	21.36	23	1
5	16QAM	1	12	21.43	21.45	21.32		
5	16QAM	1	24	21.32	21.55	21.23		
5	16QAM	12	0	20.50	20.58	20.36	22	2
5	16QAM	12	7	20.47	20.42	20.36		
5	16QAM	12	13	20.22	20.49	20.30		
5	16QAM	25	0	20.58	20.52	20.51		
5	64QAM	1	0	20.40	20.45	20.40	22	2
5	64QAM	1	12	20.42	20.49	20.26		
5	64QAM	1	24	20.42	20.58	20.26		
5	64QAM	12	0	19.50	19.49	19.40	21	3
5	64QAM	12	7	19.46	19.49	19.32		
5	64QAM	12	13	19.27	19.44	19.32		
5	64QAM	25	0	19.57	19.51	19.40		
5	256QAM	1	0	17.53	17.57	17.41	19	5
5	256QAM	1	12	17.43	17.53	17.45		
5	256QAM	1	24	17.25	17.45	17.34		
5	256QAM	12	0	17.43	17.57	17.42	19	5
5	256QAM	12	7	17.37	17.48	17.39		
5	256QAM	12	13	17.47	17.46	17.45		
5	256QAM	25	0	17.35	17.55	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.57	22.63	22.52	22.60	24	0
20	QPSK	1	49	22.52	22.59	22.47	22.49		
20	QPSK	1	99	22.44	22.57	22.48	22.55		
20	QPSK	50	0	21.51	21.63	21.51	21.54	23	1
20	QPSK	50	24	21.56	21.56	21.53	21.46		
20	QPSK	50	50	21.42	21.59	21.53	21.50		
20	QPSK	100	0	21.51	21.61	21.46	21.58		
20	16QAM	1	0	21.56	21.58	21.55	21.54	23	1
20	16QAM	1	49	21.55	21.58	21.48	21.48		
20	16QAM	1	99	21.45	21.60	21.53	21.50		
20	16QAM	50	0	20.50	20.60	20.53	20.58	22	2
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.43	21.52	21.48	22.4	0
20	QPSK	1	49	21.44	21.46	21.46		
20	QPSK	1	99	21.38	21.50	21.46		
20	QPSK	50	0	21.38	21.46	21.44	22.4	0
20	QPSK	50	24	21.39	21.44	21.43		
20	QPSK	50	50	21.42	21.41	21.43		
20	QPSK	100	0	21.39	21.43	21.40		
20	16QAM	1	0	21.34	21.51	21.42	22.4	0
20	16QAM	1	49	21.43	21.41	21.39		
20	16QAM	1	99	21.32	21.40	21.37		
20	16QAM	50	0	20.98	21.06	20.94	22	0.4
20	16QAM	50	24	21.04	21.08	20.95		
20	16QAM	50	50	20.95	20.99	21.03		
20	16QAM	100	0	21.02	21.11	21.05		
20	64QAM	1	0	20.95	21.05	21.00	22	0.4
20	64QAM	1	49	20.97	21.02	20.96		
20	64QAM	1	99	21.01	21.10	21.06		
20	64QAM	50	0	19.95	20.10	20.06	21	1.4
20	64QAM	50	24	20.00	20.00	20.03		
20	64QAM	50	50	19.94	20.06	19.97		
20	64QAM	100	0	20.02	20.05	20.00		
20	256QAM	1	0	17.99	18.06	17.98	19	3.4
20	256QAM	1	49	18.02	18.03	17.97		
20	256QAM	1	99	18.01	18.01	18.05		
20	256QAM	50	0	18.01	18.09	17.98	19	3.4
20	256QAM	50	24	18.02	18.11	17.99		
20	256QAM	50	50	17.98	18.10	18.06		
20	256QAM	100	0	17.97	18.04	18.00		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.24	21.38	21.31	22.4	0
15	QPSK	1	37	21.26	21.36	21.27		
15	QPSK	1	74	21.26	21.30	21.29		
15	QPSK	36	0	21.34	21.36	21.33	22.4	0
15	QPSK	36	20	21.30	21.31	21.36		
15	QPSK	36	39	21.23	21.31	21.26		
15	QPSK	75	0	21.34	21.36	21.32		
15	16QAM	1	0	21.22	21.40	21.35	22.4	0
15	16QAM	1	37	21.26	21.30	21.26		
15	16QAM	1	74	21.32	21.33	21.36		
15	16QAM	36	0	20.93	20.90	20.87	22	0.4
15	16QAM	36	20	20.88	21.00	20.86		
15	16QAM	36	39	20.92	21.00	20.96		
15	16QAM	75	0	20.83	20.97	20.86		
15	64QAM	1	0	20.90	20.89	20.96	22	0.4
15	64QAM	1	37	20.93	20.96	20.93		
15	64QAM	1	74	20.88	21.01	20.96		
15	64QAM	36	0	19.84	19.99	19.89	21	1.4
15	64QAM	36	20	19.87	19.99	19.91		
15	64QAM	36	39	19.86	19.91	19.94		
15	64QAM	75	0	19.89	19.96	19.86		
15	256QAM	1	0	17.88	18.00	17.89	19	3.4
15	256QAM	1	37	17.88	17.90	17.88		
15	256QAM	1	74	17.91	17.91	17.88		
15	256QAM	36	0	17.90	17.99	17.85	19	3.4
15	256QAM	36	20	17.94	17.96	17.91		
15	256QAM	36	39	17.91	17.92	17.92		
15	256QAM	75	0	17.93	17.99	17.89		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.32	21.35	21.34	22.4	0
10	QPSK	1	25	21.23	21.38	21.36		
10	QPSK	1	49	21.30	21.38	21.33		
10	QPSK	25	0	21.25	21.35	21.27	22.4	0
10	QPSK	25	12	21.28	21.31	21.31		
10	QPSK	25	25	21.32	21.36	21.27		
10	QPSK	50	0	21.23	21.35	21.33	22.4	0
10	16QAM	1	0	21.34	21.34	21.33		
10	16QAM	1	25	21.29	21.40	21.30		
10	16QAM	1	49	21.32	21.35	21.37		
10	16QAM	25	0	20.91	20.94	20.86	22	0.4
10	16QAM	25	12	20.92	20.98	20.92		
10	16QAM	25	25	20.87	20.99	20.92		
10	16QAM	50	0	20.88	20.96	20.87	22	0.4
10	64QAM	1	0	20.92	20.96	20.92		
10	64QAM	1	25	20.88	20.95	20.96		
10	64QAM	1	49	20.85	20.93	20.86		
10	64QAM	25	0	19.85	19.91	19.94	21	1.4
10	64QAM	25	12	19.86	19.93	19.90		
10	64QAM	25	25	19.88	19.91	19.89		
10	64QAM	50	0	19.94	19.99	19.86		
10	256QAM	1	0	17.94	17.96	17.93	19	3.4
10	256QAM	1	25	17.93	17.91	17.92		
10	256QAM	1	49	17.86	17.98	17.94		
10	256QAM	25	0	17.89	17.93	17.87	19	3.4
10	256QAM	25	12	17.87	17.91	17.95		
10	256QAM	25	25	17.86	17.94	17.89		
10	256QAM	50	0	17.93	17.95	17.85		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.31	21.31	21.28	22.4	0
5	QPSK	1	12	21.28	21.35	21.28		
5	QPSK	1	24	21.29	21.37	21.27		
5	QPSK	12	0	21.34	21.37	21.27	22.4	0
5	QPSK	12	7	21.25	21.31	21.26		
5	QPSK	12	13	21.32	21.41	21.30		
5	QPSK	25	0	21.31	21.38	21.31		
5	16QAM	1	0	21.24	21.37	21.27	22.4	0
5	16QAM	1	12	21.28	21.41	21.34		
5	16QAM	1	24	21.29	21.30	21.33		
5	16QAM	12	0	20.85	20.96	20.86	22	0.4
5	16QAM	12	7	20.92	20.92	20.86		
5	16QAM	12	13	20.88	20.97	20.96		
5	16QAM	25	0	20.90	20.89	20.95		
5	64QAM	1	0	20.86	20.94	20.88	22	0.4
5	64QAM	1	12	20.84	20.93	20.96		
5	64QAM	1	24	20.83	20.91	20.89		
5	64QAM	12	0	19.91	19.92	19.89	21	1.4
5	64QAM	12	7	19.95	19.94	19.94		
5	64QAM	12	13	19.89	19.92	19.87		
5	64QAM	25	0	19.88	19.99	19.96		
5	256QAM	1	0	17.88	17.99	17.96	19	3.4
5	256QAM	1	12	17.92	17.95	17.91		
5	256QAM	1	24	17.84	17.91	17.95		
5	256QAM	12	0	17.83	17.90	17.87	19	3.4
5	256QAM	12	7	17.93	17.97	17.96		
5	256QAM	12	13	17.89	17.98	17.88		
5	256QAM	25	0	17.91	17.93	17.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.50	21.58	21.51	22.7	0
20	QPSK	1	49	21.49	21.55	21.36		
20	QPSK	1	99	21.42	21.50	21.37		
20	QPSK	50	0	21.40	21.56	21.40		
20	QPSK	50	24	21.44	21.51	21.44		
20	QPSK	50	50	21.40	21.55	21.38		
20	QPSK	100	0	21.40	21.54	21.40		
20	16QAM	1	0	21.39	21.55	21.38	22.7	0
20	16QAM	1	49	21.50	21.47	21.42		
20	16QAM	1	99	21.45	21.50	21.36		
20	16QAM	50	0	20.75	20.82	20.70	22	0.7
20	16QAM	50	24	20.78	20.85	20.66		
20	16QAM	50	50	20.72	20.84	20.72		
20	16QAM	100	0	20.72	20.79	20.73		
20	64QAM	1	0	20.72	20.85	20.67	22	0.7
20	64QAM	1	49	20.76	20.83	20.73		
20	64QAM	1	99	20.71	20.77	20.68		
20	64QAM	50	0	19.80	19.85	19.75	21	1.7
20	64QAM	50	24	19.77	19.85	19.72		
20	64QAM	50	50	19.79	19.85	19.75		
20	64QAM	100	0	19.72	19.77	19.68		
20	256QAM	1	0	17.78	17.77	17.66	19	3.7
20	256QAM	1	49	17.69	17.78	17.67		
20	256QAM	1	99	17.72	17.77	17.76		
20	256QAM	50	0	17.75	17.80	17.66	19	3.7
20	256QAM	50	24	17.74	17.83	17.67		
20	256QAM	50	50	17.76	17.81	17.71		
20	256QAM	100	0	17.70	17.83	17.73		
Channel				42108	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.31	21.43	21.32	22.7	0
15	QPSK	1	37	21.34	21.45	21.33		
15	QPSK	1	74	21.31	21.44	21.33		
15	QPSK	36	0	21.33	21.43	21.33	22.7	0
15	QPSK	36	20	21.37	21.39	21.28		
15	QPSK	36	39	21.39	21.40	21.36		
15	QPSK	75	0	21.36	21.42	21.33		
15	16QAM	1	0	21.35	21.37	21.29	22.7	0
15	16QAM	1	37	21.40	21.37	21.36		
15	16QAM	1	74	21.35	21.36	21.36		
15	16QAM	36	0	20.66	20.75	20.56	22	0.7
15	16QAM	36	20	20.68	20.77	20.61		
15	16QAM	36	39	20.61	20.73	20.66		
15	16QAM	75	0	20.71	20.73	20.62		
15	64QAM	1	0	20.66	20.69	20.65	22	0.7
15	64QAM	1	37	20.65	20.74	20.64		
15	64QAM	1	74	20.69	20.69	20.58		
15	64QAM	36	0	19.64	19.70	19.57	21	1.7
15	64QAM	36	20	19.65	19.73	19.60		
15	64QAM	36	39	19.63	19.75	19.64		
15	64QAM	75	0	19.66	19.72	19.57		
15	256QAM	1	0	17.64	17.71	17.64	19	3.7
15	256QAM	1	37	17.64	17.70	17.57		
15	256QAM	1	74	17.69	17.73	17.62		
15	256QAM	36	0	17.60	17.78	17.58	19	3.7
15	256QAM	36	20	17.66	17.73	17.63		
15	256QAM	36	39	17.59	17.69	17.58		
15	256QAM	75	0	17.63	17.75	17.58		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.41	21.40	21.34	22.7	0
10	QPSK	1	25	21.37	21.44	21.31		
10	QPSK	1	49	21.31	21.41	21.34		
10	QPSK	25	0	21.32	21.44	21.35	22.7	0
10	QPSK	25	12	21.33	21.43	21.32		
10	QPSK	25	25	21.30	21.44	21.26		
10	QPSK	50	0	21.29	21.42	21.35	22.7	0
10	16QAM	1	0	21.32	21.41	21.31		
10	16QAM	1	25	21.36	21.41	21.29		
10	16QAM	1	49	21.30	21.39	21.29		
10	16QAM	25	0	20.65	20.72	20.61	22	0.7
10	16QAM	25	12	20.65	20.71	20.62		
10	16QAM	25	25	20.62	20.69	20.62		
10	16QAM	50	0	20.68	20.76	20.61		
10	64QAM	1	0	20.67	20.69	20.65	22	0.7
10	64QAM	1	25	20.69	20.76	20.65		
10	64QAM	1	49	20.70	20.70	20.62		
10	64QAM	25	0	19.70	19.73	19.61	21	1.7
10	64QAM	25	12	19.61	19.71	19.66		
10	64QAM	25	25	19.62	19.69	19.66		
10	64QAM	50	0	19.67	19.76	19.62		
10	256QAM	1	0	17.68	17.68	17.62	19	3.7
10	256QAM	1	25	17.64	17.73	17.60		
10	256QAM	1	49	17.70	17.77	17.63		
10	256QAM	25	0	17.67	17.73	17.65	19	3.7
10	256QAM	25	12	17.64	17.74	17.64		
10	256QAM	25	25	17.66	17.70	17.56		
10	256QAM	50	0	17.65	17.75	17.58		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.29	21.45	21.33	22.7	0
5	QPSK	1	12	21.34	21.45	21.27		
5	QPSK	1	24	21.31	21.47	21.30		
5	QPSK	12	0	21.31	21.47	21.26	22.7	0
5	QPSK	12	7	21.39	21.47	21.35		
5	QPSK	12	13	21.29	21.40	21.34		
5	QPSK	25	0	21.35	21.43	21.37		
5	16QAM	1	0	21.41	21.45	21.28	22.7	0
5	16QAM	1	12	21.37	21.43	21.34		
5	16QAM	1	24	21.38	21.41	21.36		
5	16QAM	12	0	20.61	20.75	20.57	22	0.7
5	16QAM	12	7	20.65	20.67	20.63		
5	16QAM	12	13	20.67	20.73	20.59		
5	16QAM	25	0	20.61	20.69	20.61		
5	64QAM	1	0	20.68	20.69	20.56	22	0.7
5	64QAM	1	12	20.66	20.74	20.57		
5	64QAM	1	24	20.62	20.66	20.63		
5	64QAM	12	0	19.62	19.66	19.57	21	1.7
5	64QAM	12	7	19.64	19.71	19.66		
5	64QAM	12	13	19.60	19.69	19.66		
5	64QAM	25	0	19.67	19.72	19.60		
5	256QAM	1	0	17.65	17.68	17.65	19	3.7
5	256QAM	1	12	17.63	17.74	17.65		
5	256QAM	1	24	17.62	17.73	17.67		
5	256QAM	12	0	17.64	17.72	17.67	19	3.7
5	256QAM	12	7	17.63	17.73	17.59		
5	256QAM	12	13	17.60	17.71	17.65		
5	256QAM	25	0	17.60	17.75	17.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44090	44690		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.54	21.60	21.59	22.4	0
20	QPSK	1	49	21.49	21.50	21.44		
20	QPSK	1	99	21.55	21.52	21.49		
20	QPSK	50	0	21.49	21.53	21.52	22.4	0
20	QPSK	50	24	21.45	21.51	21.45		
20	QPSK	50	50	21.45	21.52	21.50		
20	QPSK	100	0	21.54	21.55	21.46		
20	16QAM	1	0	21.54	21.48	21.49	22.4	0
20	16QAM	1	49	21.43	21.48	21.48		
20	16QAM	1	99	21.43	21.56	21.44		
20	16QAM	50	0	21.11	21.09	21.09	22	0.4
20	16QAM	50	24	21.08	21.54	21.05		
20	16QAM	50	50	21.14	21.11	21.04		
20	16QAM	100	0	21.12	21.07	21.06		
20	64QAM	1	0	21.07	21.09	21.05	22	0.4
20	64QAM	1	49	21.04	21.10	21.12		
20	64QAM	1	99	21.05	21.16	21.09		
20	64QAM	50	0	20.14	20.13	20.06	21	1.4
20	64QAM	50	24	20.12	20.11	20.05		
20	64QAM	50	50	20.11	20.18	20.11		
20	64QAM	100	0	20.12	20.18	20.01		
20	256QAM	1	0	18.07	18.09	18.02	19	3.4
20	256QAM	1	49	18.07	18.08	18.08		
20	256QAM	1	99	18.15	18.18	18.11		
20	256QAM	50	0	18.14	18.12	18.03	19	3.4
20	256QAM	50	24	18.05	18.18	18.02		
20	256QAM	50	50	18.10	18.13	18.03		
20	256QAM	100	0	17.89	18.10	17.99		
Channel				43465	44090	44715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.24	21.33	21.25	22.4	0
15	QPSK	1	37	21.25	21.36	21.22		
15	QPSK	1	74	21.23	21.39	21.28		
15	QPSK	36	0	21.28	21.30	21.22	22.4	0
15	QPSK	36	20	21.26	21.30	21.24		
15	QPSK	36	39	21.29	21.27	21.22		
15	QPSK	75	0	21.33	21.32	21.24		
15	16QAM	1	0	21.32	21.29	21.25	22.4	0
15	16QAM	1	37	21.29	21.37	21.33		
15	16QAM	1	74	21.28	21.30	21.26		
15	16QAM	36	0	20.88	20.89	20.88	22	0.4
15	16QAM	36	20	20.91	20.96	20.86		
15	16QAM	36	39	20.86	20.94	20.88		
15	16QAM	75	0	20.85	20.92	20.89		
15	64QAM	1	0	20.92	20.99	20.83	22	0.4
15	64QAM	1	37	20.95	20.98	20.85		
15	64QAM	1	74	20.85	20.98	20.88		
15	64QAM	36	0	19.93	19.92	19.91	21	1.4
15	64QAM	36	20	19.92	19.93	19.92		
15	64QAM	36	39	19.92	19.89	19.94		
15	64QAM	75	0	19.94	19.91	19.88		
15	256QAM	1	0	17.85	17.87	17.89	19	3.4
15	256QAM	1	37	17.93	17.91	17.94		
15	256QAM	1	74	17.89	17.93	17.82		
15	256QAM	36	0	17.86	17.88	17.92	19	3.4
15	256QAM	36	20	17.85	17.97	17.83		
15	256QAM	36	39	17.87	17.96	17.85		
15	256QAM	75	0	17.92	17.91	17.85		
Channel				43515	44090	44665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3609.5	3650	3690.5		
10	QPSK	1	0	21.34	21.35	21.21	22.4	0
10	QPSK	1	25	21.25	21.38	21.26		
10	QPSK	1	49	21.25	21.35	21.27		
10	QPSK	25	0	21.34	21.31	21.25	22.4	0
10	QPSK	25	12	21.34	21.37	21.29		
10	QPSK	25	25	21.25	21.34	21.32		
10	QPSK	50	0	21.32	21.33	21.21	22.4	0
10	16QAM	1	0	21.34	21.34	21.27		
10	16QAM	1	25	21.29	21.27	21.30		
10	16QAM	1	49	21.32	21.27	21.34		
10	16QAM	25	0	20.85	20.82	20.81	22	0.4
10	16QAM	25	12	20.94	20.88	20.87		
10	16QAM	25	25	20.84	20.89	20.87		
10	16QAM	50	0	20.88	20.86	20.82		
10	64QAM	1	0	20.89	20.89	20.90	22	0.4
10	64QAM	1	25	20.93	20.95	20.93		
10	64QAM	1	49	20.85	20.87	20.83		
10	64QAM	25	0	19.88	19.95	19.85	21	1.4
10	64QAM	25	12	19.93	19.88	19.87		
10	64QAM	25	25	19.89	19.86	19.81		
10	64QAM	50	0	19.88	19.95	19.92		
10	256QAM	1	0	17.88	17.86	17.85	19	3.4
10	256QAM	1	25	17.88	17.89	17.86		
10	256QAM	1	49	17.85	17.92	17.91		
10	256QAM	25	0	17.92	17.88	17.85	19	3.4
10	256QAM	25	12	17.83	17.93	17.87		
10	256QAM	25	25	17.83	17.98	17.87		
10	256QAM	50	0	17.86	17.88	17.81		
Channel				43415	44090	44765	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.31	21.29	21.28	22.4	0
5	QPSK	1	12	21.31	21.32	21.21		
5	QPSK	1	24	21.23	21.39	21.25		
5	QPSK	12	0	21.27	21.32	21.23	22.4	0
5	QPSK	12	7	21.25	21.27	21.31		
5	QPSK	12	13	21.23	21.35	21.31		
5	QPSK	25	0	21.33	21.37	21.22		
5	16QAM	1	0	21.29	21.36	21.27	22.4	0
5	16QAM	1	12	21.32	21.39	21.26		
5	16QAM	1	24	21.32	21.32	21.29		
5	16QAM	12	0	20.90	20.95	20.84	22	0.4
5	16QAM	12	7	20.93	20.93	20.82		
5	16QAM	12	13	21.09	20.96	20.89		
5	16QAM	25	0	20.83	20.93	20.82		
5	64QAM	1	0	20.92	20.92	20.91	22	0.4
5	64QAM	1	12	20.85	20.92	20.86		
5	64QAM	1	24	20.88	20.92	20.86		
5	64QAM	12	0	19.84	19.93	19.87	21	1.4
5	64QAM	12	7	19.85	19.90	19.88		
5	64QAM	12	13	19.86	19.94	19.89		
5	64QAM	25	0	19.93	19.98	19.91		
5	256QAM	1	0	17.93	17.93	17.93	19	3.4
5	256QAM	1	12	17.88	17.88	17.83		
5	256QAM	1	24	17.94	17.94	17.91		
5	256QAM	12	0	17.93	17.89	17.91	19	3.4
5	256QAM	12	7	17.85	17.98	17.89		
5	256QAM	12	13	17.83	17.91	17.91		
5	256QAM	25	0	17.89	17.97	17.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.57	21.68	21.51	21.58	22.4	0
20	QPSK	1	49	21.58	21.64	21.57	21.60		
20	QPSK	1	99	21.59	21.62	21.49	21.60		
20	QPSK	50	0	21.55	21.63	21.59	21.53	22.4	0
20	QPSK	50	24	21.60	21.61	21.52	21.60		
20	QPSK	50	50	21.59	21.61	21.50	21.55		
20	QPSK	100	0	21.55	21.67	21.48	21.59		
20	16

Reduced Power Mode for DSI 7

GSM850 Ant0 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.65	16.61	17.50

Band		WCDMA II Ant0 DSI7			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI7			Tune-up Limit (dBm)	WCDMA V Ant0 DSI7			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.50	21.51	21.40	22.90	21.67	21.76	21.66	22.60	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	21.57	21.61	21.45	22.90	21.75	21.78	21.72	22.60	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	20.58	20.60	20.50	21.90	20.71	20.83	20.77	21.60	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	20.55	20.62	20.49	21.90	20.79	20.87	20.69	21.60	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	19.98	20.12	19.94	21.40	20.26	20.24	20.31	21.10	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	20.09	20.10	19.95	21.40	20.30	20.39	20.23	21.10	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.56	20.61	20.53	21.90	20.85	20.87	20.78	21.60	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.57	20.51	20.49	21.90	20.78	20.75	20.73	21.60	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.09	20.07	20.06	21.40	20.31	20.29	20.29	21.10	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.99	20.11	19.95	21.40	20.20	20.29	20.20	21.10	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	20.58	20.57	20.44	21.90	20.80	20.75	20.78	21.60	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	18.57	18.44	18.36	19.90	18.85	18.75	18.74	19.60	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	19.60	19.50	19.42	20.90	19.84	19.86	19.75	20.60	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	18.59	18.61	18.44	19.90	18.82	18.90	18.84	19.60	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	20.56	20.56	20.52	21.90	20.81	20.79	20.73	21.60	22.22	22.30	22.24	23.00

Band 2 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.03	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.07		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	21.00	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.04	17.01	18	5
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.76		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.96	17.02	17.00	18	5
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.91	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03	18	5
5	256QAM	12	7	17.09	17.01	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.88		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.12	21.19	21.18	22.4	0
20	QPSK	1	49	21.06	21.14	21.08		
20	QPSK	1	99	21.05	21.12	21.14		
20	QPSK	50	0	21.12	21.18	21.17	22.4	0
20	QPSK	50	24	21.16	21.16	21.13		
20	QPSK	50	50	21.09	21.14	21.08		
20	QPSK	100	0	21.12	21.15	21.08		
20	16QAM	1	0	21.15	21.13	21.12	22.4	0
20	16QAM	1	49	21.10	21.11	21.05		
20	16QAM	1	99	21.17	21.15	21.07		
20	16QAM	50	0	20.12	20.26	20.21	22	0.4
20	16QAM	50	24	20.03	20.18	20.12		
20	16QAM	50	50	20.18	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10	22	0.4
20	64QAM	1	49	20.01	20.19	20.09		
20	64QAM	1	99	20.14	20.19	20.07		
20	64QAM	50	0	19.09	19.21	19.20	21	1.4
20	64QAM	50	24	19.04	19.21	19.07		
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17	19	3.4
20	256QAM	1	49	17.10	17.17	17.12		
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.24	17.29		
20	256QAM	50	24	17.04	17.26	17.22		
20	256QAM	50	50	17.00	17.25	17.11		
20	256QAM	100	0	17.14	17.26	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.16	21.18	21.05	22.4	0
15	QPSK	1	37	21.09	21.13	21.12		
15	QPSK	1	74	21.12	21.16	21.16		
15	QPSK	36	0	21.14	21.12	21.06	22.4	0
15	QPSK	36	20	21.06	21.17	21.09		
15	QPSK	36	39	21.07	21.18	21.15		
15	QPSK	75	0	21.06	21.16	21.16		
15	16QAM	1	0	21.15	21.17	21.09	22.4	0
15	16QAM	1	37	21.09	21.07	21.15		
15	16QAM	1	74	21.14	21.15	21.11		
15	16QAM	36	0	20.22	20.28	20.17	22	0.4
15	16QAM	36	20	20.17	20.25	20.09		
15	16QAM	36	39	20.06	20.17	20.14		
15	16QAM	75	0	20.20	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27	22	0.4
15	64QAM	1	37	20.05	20.23	20.10		
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16	21	1.4
15	64QAM	36	20	19.19	19.26	19.21		
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17	19	3.4
15	256QAM	1	37	17.13	17.25	17.14		
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17	19	3.4
15	256QAM	36	20	17.12	17.21	17.27		
15	256QAM	36	39	17.13	17.21	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.05	21.11	21.12	22.4	0
10	QPSK	1	25	21.15	21.15	21.06		
10	QPSK	1	49	21.07	21.14	21.16		
10	QPSK	25	0	21.06	21.11	21.09	22.4	0
10	QPSK	25	12	21.11	21.07	21.08		
10	QPSK	25	25	21.15	21.09	21.05		
10	QPSK	50	0	21.15	21.10	21.05		
10	16QAM	1	0	21.08	21.13	21.16	22.4	0
10	16QAM	1	25	21.10	21.08	21.07		
10	16QAM	1	49	21.09	21.08	21.11		
10	16QAM	25	0	20.24	20.32	20.18	22	0.4
10	16QAM	25	12	20.16	20.23	20.14		
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.32	20.19		
10	64QAM	1	0	20.15	20.23	20.27	22	0.4
10	64QAM	1	25	20.08	20.19	20.10		
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15	21	1.4
10	64QAM	25	12	19.21	19.24	19.20		
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10		
10	256QAM	1	0	17.14	17.30	17.21	19	3.4
10	256QAM	1	25	17.15	17.25	17.14		
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.20	17.30	17.19	19	3.4
10	256QAM	25	12	17.11	17.24	17.29		
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.05	21.09	21.07	22.4	0
5	QPSK	1	12	21.06	21.13	21.07		
5	QPSK	1	24	21.10	21.09	21.12		
5	QPSK	12	0	21.07	21.17	21.10	22.4	0
5	QPSK	12	7	21.09	21.08	21.14		
5	QPSK	12	13	21.12	21.07	21.12		
5	QPSK	25	0	21.08	21.07	21.07		
5	16QAM	1	0	21.17	21.08	21.08	22.4	0
5	16QAM	1	12	21.10	21.12	21.13		
5	16QAM	1	24	21.11	21.10	21.11		
5	16QAM	12	0	20.24	20.31	20.17	22	0.4
5	16QAM	12	7	20.17	20.23	20.14		
5	16QAM	12	13	20.06	20.18	20.16		
5	16QAM	25	0	20.16	20.28	20.21		
5	64QAM	1	0	20.14	20.19	20.28	22	0.4
5	64QAM	1	12	20.10	20.22	20.14		
5	64QAM	1	24	20.11	20.19	20.12		
5	64QAM	12	0	19.21	19.23	19.18	21	1.4
5	64QAM	12	7	19.15	19.22	19.21		
5	64QAM	12	13	19.11	19.22	19.14		
5	64QAM	25	0	19.30	19.31	19.12		
5	256QAM	1	0	17.25	17.31	17.20	19	3.4
5	256QAM	1	12	17.10	17.28	17.18		
5	256QAM	1	24	17.05	17.24	17.16		
5	256QAM	12	0	17.22	17.33	17.21	19	3.4
5	256QAM	12	7	17.15	17.29	17.19		
5	256QAM	12	13	17.16	17.20	17.14		
5	256QAM	25	0	17.04	17.10	17.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.12	21.10	21.11	22.4	0
3	QPSK	1	8	21.08	21.15	21.16		
3	QPSK	1	14	21.09	21.08	21.15		
3	QPSK	8	0	21.07	21.10	21.14	22.4	0
3	QPSK	8	4	21.15	21.15	21.14		
3	QPSK	8	7	21.08	21.09	21.10		
3	QPSK	15	0	21.07	21.11	21.11		
3	16QAM	1	0	21.09	21.14	21.14	22.4	0
3	16QAM	1	8	21.12	21.07	21.14		
3	16QAM	1	14	21.14	21.15	21.16		
3	16QAM	8	0	20.23	20.30	20.15	22	0.4
3	16QAM	8	4	20.17	20.21	20.15		
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27	22	0.4
3	64QAM	1	8	20.08	20.19	20.15		
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19	21	1.4
3	64QAM	8	4	19.16	19.22	19.20		
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07		
3	256QAM	1	0	17.24	17.27	17.18	19	3.4
3	256QAM	1	8	17.15	17.28	17.13		
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21	19	3.4
3	256QAM	8	4	17.16	17.22	17.29		
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.18	21.17	22.4	0
1.4	QPSK	1	3	21.09	21.13	21.14		
1.4	QPSK	1	5	21.11	21.09	21.06		
1.4	QPSK	3	0	21.13	21.15	21.06		
1.4	QPSK	3	1	21.14	21.10	21.07		
1.4	QPSK	3	3	21.14	21.15	21.16		
1.4	QPSK	6	0	21.07	21.14	21.09	21.4	1
1.4	16QAM	1	0	21.17	21.16	21.10	21.4	1
1.4	16QAM	1	3	21.07	21.09	21.13		
1.4	16QAM	1	5	21.07	21.16	21.07		
1.4	16QAM	3	0	21.14	21.08	21.16		
1.4	16QAM	3	1	21.08	21.15	21.11		
1.4	16QAM	3	3	21.08	21.12	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	20.4	2
1.4	64QAM	1	0	20.09	20.18	20.11	20.4	2
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07		
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.06	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	19.4	3
1.4	256QAM	1	0	17.04	17.27	17.11	17.4	5
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16		
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.25	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	17.4	5

Band 5 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2

Band 12 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.84		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.90	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.86		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.86	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				23017	23025	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

Band 13 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.96		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 17 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.63		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.70	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

Band 25 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08		
20	QPSK	1	49	22.00	22.05	21.97	23	0
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17		
20	QPSK	50	24	20.96	21.16	20.91	22	1
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.05		
20	16QAM	1	0	21.16	21.18	21.03		
20	16QAM	1	49	21.03	21.17	20.93	22	1
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01		
20	16QAM	50	24	19.92	20.20	19.87	21	2
20	16QAM	50	50	19.84	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17		
20	64QAM	1	49	20.05	20.05	19.97	21	2
20	64QAM	1	99	19.93	20.16	20.01		
20	64QAM	50	0	19.14	19.16	19.01		
20	64QAM	50	24	18.96	19.24	18.92	20	3
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04		
20	256QAM	1	49	17.01	17.07	16.88	18	5
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14		
20	256QAM	50	24	17.20	17.16	17.14	18	5
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98		
15	QPSK	1	37	21.97	22.00	21.91	23	0
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05		
15	QPSK	36	20	20.89	21.12	20.84	22	1
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00		
15	16QAM	1	37	20.91	21.15	20.89	22	1
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96		
15	16QAM	36	20	19.87	20.11	19.76	21	2
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05		
15	64QAM	1	37	19.91	19.95	19.95	21	2
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88		
15	64QAM	36	20	18.86	19.17	18.78	20	3
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94		
15	256QAM	1	37	16.92	16.96	16.83	18	5
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08		
15	256QAM	36	20	17.14	17.10	17.11	18	5
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06		
10	QPSK	1	25	21.93	21.96	21.84	23	0
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11		
10	QPSK	25	12	20.89	21.08	20.77	22	1
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94		
10	16QAM	1	25	20.93	21.09	20.80	22	1
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98		
10	16QAM	25	12	19.87	20.13	19.84	21	2
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13		
10	64QAM	1	25	19.94	19.99	19.92	21	2
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90		
10	64QAM	25	12	18.82	19.19	18.82	20	3
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99		
10	256QAM	1	25	16.87	17.05	16.77	18	5
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07		
10	256QAM	25	12	17.12	17.09	17.02	18	5
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06		
5	QPSK	1	12	21.88	22.01	21.93	23	0
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09		
5	QPSK	12	7	20.87	21.08	20.84	22	1
5	QPSK	12	13	20.82	20.96	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95		
5	16QAM	1	12	20.99	21.11	20.90	22	1
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96		
5	16QAM	12	7	19.79	20.09	19.82	21	2
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05		
5	64QAM	1	12	19.91	20.03	19.85	21	2
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97		
5	64QAM	12	7	18.91	19.11	18.79	20	3
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01		
5	256QAM	1	12	16.95	17.02	16.80	18	5
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05		
5	256QAM	12	7	17.15	17.11	17.03	18	5
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98		
3	QPSK	1	8	21.90	21.99	21.93	23	0
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04		
3	QPSK	8	4	20.85	21.05	20.79	22	1
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00		
3	16QAM	1	8	20.97	21.10	20.82	22	1
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91		
3	16QAM	8	4	19.86	20.06	19.81	21	2
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08		
3	64QAM	1	8	19.93	19.98	19.91	21	2
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.98		
3	64QAM	8	4	18.91	19.17	18.79	20	3
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94		
3	256QAM	1	8	16.92	16.94	16.83	18	5
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04		
3	256QAM	8	4	17.18	17.05	17.04	18	5
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04		
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89	23	0
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90		
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91	22	1
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13		
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95	21	2
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90		
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85	18	5
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73		
15	QPSK	1	37	22.64	22.83	22.70	24	0
15	QPSK	1	74	22.66	22.82	22.59		
15	QPSK	36	0	21.81	21.87	21.73		
15	QPSK	36	20	21.68	21.80	21.65	23	1
15	QPSK	36	39	21.62	21.78	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77		
15	16QAM	1	37	21.64	21.88	21.65	23	1
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74		
15	16QAM	36	20	20.63	20.93	20.61	22	2
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78		
15	64QAM	1	37	20.67	20.82	20.70	22	2
15	64QAM	1	74	20.55	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71		
15	64QAM	36	20	19.69	19.87	19.68	21	3
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69		
15	256QAM	1	37	17.67	17.92	17.69	19	5
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.71	17.89	17.79		
15	256QAM	36	20	17.75	17.79	17.76	19	5
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64		
10	QPSK	1	25	22.55	22.70	22.61	24	0
10	QPSK	1	49	22.56	22.75	22.52		
10	QPSK	25	0	21.72	21.77	21.62		
10	QPSK	25	12	21.57	21.74	21.56	23	1
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.60	21.74	21.53	23	1
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65		
10	16QAM	25	12	20.57	20.81	20.49	22	2
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75		
10	64QAM	1	25	20.62	20.70	20.60	22	2
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66		
10	64QAM	25	12	19.54	19.77	19.54	21	3
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61		
10	256QAM	1	25	17.57	17.82	17.61	19	5
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66		
10	256QAM	25	12	17.68	17.65	17.68	19	5
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65		
5	QPSK	1	12	22.53	22.70	22.61	24	0
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58		
5	QPSK	12	7	21.54	21.77	21.56	23	1
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66		
5	16QAM	1	12	21.59	21.81	21.60	23	1
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67		
5	16QAM	12	7	20.59	20.83	20.57	22	2
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70		
5	64QAM	1	12	20.53	20.72	20.61	22	2
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58		
5	64QAM	12	7	19.57	19.82	19.54	21	3
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54		
5	256QAM	1	12	17.55	17.81	17.65	19	5
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68		
5	256QAM	12	7	17.62	17.70	17.72	19	5
5	256QAM	12	13	17.63	17.79	17.45		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63		
3	QPSK	1	8	22.56	22.80	22.59	24	0
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69		
3	QPSK	8	4	21.61	21.77	21.54	23	1
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67		
3	16QAM	1	8	21.55	21.85	21.53	23	1
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.67		
3	16QAM	8	4	20.51	20.88	20.53	22	2
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72		
3	64QAM	1	8	20.63	20.70	20.60	22	2
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58		
3	64QAM	8	4	19.56	19.74	19.61	21	3
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64		
3	256QAM	1	8	17.56	17.88	17.60	19	5
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71		
3	256QAM	8	4	17.65	17.72	17.72	19	5
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68		
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49	24	0
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.46	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65		
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56	23	1
1.4	16QAM	3	0	21.54	21.84	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66		
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55	22	2
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.59	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56		
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48	19	5
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.15			
10	QPSK	1	25		22.11		23.1	0
10	QPSK	1	49		22.10			
10	QPSK	25	0		22.10			
10	QPSK	25	12		22.04		23	0.1
10	QPSK	25	25		22.08			
10	QPSK	50	0		22.13			
10	16QAM	1	0		22.03			
10	16QAM	1	25		22.10		23	0.1
10	16QAM	1	49		22.08			
10	16QAM	25	0		20.66			
10	16QAM	25	12		20.47		22	1.1
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55			
10	64QAM	1	25		20.51		22	1.1
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64			
10	64QAM	25	12		19.51		21	2.1
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56			
10	256QAM	1	25		17.51		19	4.1
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60			
10	256QAM	25	12		17.50		19	4.1
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.04	22.10	22.11		
5	QPSK	1	12	22.02	22.14	22.02	23.1	0
5	QPSK	1	24	22.03	22.09	22.06		
5	QPSK	12	0	22.06	22.08	22.05		
5	QPSK	12	7	22.12	22.10	22.06	23	0.1
5	QPSK	12	13	22.06	22.14	22.08		
5	QPSK	25	0	22.09	22.08	22.08		
5	16QAM	1	0	22.09	22.04	22.07		
5	16QAM	1	12	22.02	22.10	22.04	23	0.1
5	16QAM	1	24	22.01	22.09	22.02		
5	16QAM	12	0	20.55	20.58	20.60		
5	16QAM	12	7	20.35	20.36	20.37	22	1.1
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45		
5	64QAM	1	12	20.39	20.48	20.42	22	1.1
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53		
5	64QAM	12	7	19.48	19.48	19.43	21	2.1
5	64QAM	12	13	19.56	19.53

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.14	21.21	21.19	22.4	0
20	QPSK	1	49	21.12	21.09	21.16		
20	QPSK	1	99	21.09	21.12	21.08		
20	QPSK	50	0	21.14	21.20	21.08	22.4	0
20	QPSK	50	24	21.10	21.15	21.14		
20	QPSK	50	50	21.19	21.08	21.14		
20	QPSK	100	0	21.18	21.19	21.17		
20	16QAM	1	0	21.14	21.18	21.18	22.4	0
20	16QAM	1	49	21.10	21.11	21.08		
20	16QAM	1	99	21.09	21.12	21.11		
20	16QAM	50	0	20.27	20.33	20.21	22	0.4
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.30	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	0.4
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	1.4
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	3.4
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	3.4
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.10	21.13	21.14	22.4	0
15	QPSK	1	37	21.13	21.16	21.12		
15	QPSK	1	74	21.05	21.15	21.17		
15	QPSK	36	0	21.06	21.12	21.13	22.4	0
15	QPSK	36	20	21.08	21.07	21.09		
15	QPSK	36	39	21.13	21.13	21.13		
15	QPSK	75	0	21.08	21.10	21.12		
15	16QAM	1	0	21.11	21.12	21.16	22.4	0
15	16QAM	1	37	21.12	21.14	21.14		
15	16QAM	1	74	21.06	21.09	21.05		
15	16QAM	36	0	20.22	20.27	20.18	22	0.4
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	0.4
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	1.4
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	3.4
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	3.4
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.09	21.08	21.08	22.4	0
10	QPSK	1	25	21.10	21.18	21.09		
10	QPSK	1	49	21.13	21.10	21.07		
10	QPSK	25	0	21.08	21.15	21.16	22.4	0
10	QPSK	25	12	21.05	21.16	21.08		
10	QPSK	25	25	21.09	21.17	21.10		
10	QPSK	50	0	21.15	21.09	21.15		
10	16QAM	1	0	21.06	21.14	21.13	22.4	0
10	16QAM	1	25	21.06	21.09	21.12		
10	16QAM	1	49	21.05	21.07	21.08		
10	16QAM	25	0	20.15	20.19	20.18	22	0.4
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	0.4
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	1.4
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	3.4
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	3.4
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131972	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.08	21.11	21.11	22.4	0
5	QPSK	1	12	21.12	21.13	21.17		
5	QPSK	1	24	21.08	21.18	21.16		
5	QPSK	12	0	21.14	21.07	21.08	22.4	0
5	QPSK	12	7	21.06	21.17	21.06		
5	QPSK	12	13	21.10	21.09	21.11		
5	QPSK	25	0	21.17	21.11	21.13		
5	16QAM	1	0	21.12	21.17	21.06	22.4	0
5	16QAM	1	12	21.07	21.07	21.14		
5	16QAM	1	24	21.07	21.12	21.06		
5	16QAM	12	0	20.14	20.27	20.12	22	0.4
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	0.4
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	1.4
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	3.4
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	3.4
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.06	21.13	21.07	22.4	0
3	QPSK	1	8	21.09	21.12	21.16		
3	QPSK	1	14	21.08	21.18	21.16		
3	QPSK	8	0	21.08	21.06	21.15	22.4	0
3	QPSK	8	4	21.17	21.09	21.12		
3	QPSK	8	7	21.14	21.17	21.13		
3	QPSK	15	0	21.11	21.17	21.05		
3	16QAM	1	0	21.17	21.07	21.07	22.4	0
3	16QAM	1	8	21.15	21.09	21.06		
3	16QAM	1	14	21.11	21.16	21.17		
3	16QAM	8	0	20.22	20.26	20.09	22	0.4
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	0.4
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	1.4
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	3.4
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	3.4
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.12	21.06	21.12	22.4	0
1.4	QPSK	1	3	21.16	21.16	21.12		
1.4	QPSK	1	5	21.05	21.09	21.11		
1.4	QPSK	3	0	21.06	21.11	21.15		
1.4	QPSK	3	1	21.14	21.06	21.12		
1.4	QPSK	3	3	21.08	21.14	21.16		
1.4	QPSK	6	0	21.07	21.12	21.17	21.4	1
1.4	16QAM	1	0	21.16	21.11	21.11	21.4	1
1.4	16QAM	1	3	21.11	21.14	21.15		
1.4	16QAM	1	5	21.05	21.13	21.06		
1.4	16QAM	3	0	21.06	21.06	21.06		
1.4	16QAM	3	1	21.07	21.15	21.13		
1.4	16QAM	3	3	21.09	21.10	21.16		
1.4	16QAM	6	0	20.17	20.27	20.16	20.4	2
1.4	64QAM	1	0	20.14	20.16	20.30	20.4	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	19.4	3
1.4	256QAM	1	0	17.21	17.21	17.11	17.4	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	17.4	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.59	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.54		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50	22	2
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.82	19.86	19.80	20.9	0
20	QPSK	1	49	19.74	19.81	19.80		
20	QPSK	1	99	19.83	19.85	19.83		
20	QPSK	50	0	19.79	19.83	19.74	20.9	0
20	QPSK	50	24	19.82	19.78	19.79		
20	QPSK	50	50	19.73	19.81	19.80		
20	QPSK	100	0	19.70	19.74	19.70		
20	16QAM	1	0	19.78	19.77	19.73	20.9	0
20	16QAM	1	49	19.79	19.79	19.81		
20	16QAM	1	99	19.74	19.80	19.77		
20	16QAM	50	0	19.80	19.81	19.83	20.9	0
20	16QAM	50	24	19.74	19.85	19.78		
20	16QAM	50	50	19.80	19.76	19.72		
20	16QAM	100	0	19.81	19.82	19.79		
20	64QAM	1	0	19.77	19.75	19.76	20.9	0
20	64QAM	1	49	19.76	19.80	19.74		
20	64QAM	1	99	19.72	19.83	19.72		
20	64QAM	50	0	19.73	19.82	19.80	20.9	0
20	64QAM	50	24	19.82	19.82	19.78		
20	64QAM	50	50	19.75	19.78	19.78		
20	64QAM	100	0	19.72	19.85	19.74		
20	256QAM	1	0	17.75	17.81	17.75	19	1.9
20	256QAM	1	49	17.65	17.72	17.62		
20	256QAM	1	99	17.65	17.72	17.63		
20	256QAM	50	0	17.66	17.84	17.74	19	1.9
20	256QAM	50	24	17.63	17.79	17.66		
20	256QAM	50	50	17.64	17.72	17.56		
20	256QAM	100	0	17.63	17.68	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.80	19.81	19.74	20.9	0
15	QPSK	1	37	19.84	19.84	19.75		
15	QPSK	1	74	19.72	19.73	19.73		
15	QPSK	36	0	19.74	19.78	19.76	20.9	0
15	QPSK	36	20	19.82	19.80	19.80		
15	QPSK	36	39	19.72	19.79	19.83		
15	QPSK	75	0	19.82	19.78	19.78		
15	16QAM	1	0	19.83	19.74	19.82	20.9	0
15	16QAM	1	37	19.83	19.85	19.82		
15	16QAM	1	74	19.79	19.74	19.84		
15	16QAM	36	0	19.72	19.80	19.73	20.9	0
15	16QAM	36	20	19.83	19.74	19.78		
15	16QAM	36	39	19.77	19.82	19.81		
15	16QAM	75	0	19.81	19.79	19.80		
15	64QAM	1	0	19.80	19.74	19.75	20.9	0
15	64QAM	1	37	19.78	19.75	19.77		
15	64QAM	1	74	19.82	19.80	19.73		
15	64QAM	36	0	19.81	19.81	19.84	20.9	0
15	64QAM	36	20	19.82	19.82	19.73		
15	64QAM	36	39	19.77	19.84	19.76		
15	64QAM	75	0	19.77	19.78	19.79		
15	256QAM	1	0	17.68	17.72	17.62	19	1.9
15	256QAM	1	37	17.62	17.63	17.51		
15	256QAM	1	74	17.52	17.62	17.57		
15	256QAM	36	0	17.54	17.73	17.66	19	1.9
15	256QAM	36	20	17.49	17.70	17.56		
15	256QAM	36	39	17.52	17.60	17.54		
15	256QAM	75	0	17.55	17.56	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.79	19.80	19.74	20.9	0
10	QPSK	1	25	19.81	19.79	19.75		
10	QPSK	1	49	19.78	19.80	19.81		
10	QPSK	25	0	19.74	19.77	19.77	20.9	0
10	QPSK	25	12	19.78	19.81	19.80		
10	QPSK	25	25	19.75	19.83	19.72		
10	QPSK	50	0	19.80	19.75	19.82		
10	16QAM	1	0	19.81	19.80	19.84	20.9	0
10	16QAM	1	25	19.79	19.83	19.78		
10	16QAM	1	49	19.73	19.80	19.76		
10	16QAM	25	0	19.73	19.77	19.81	20.9	0
10	16QAM	25	12	19.77	19.82	19.79		
10	16QAM	25	25	19.76	19.74	19.82		
10	16QAM	50	0	19.75	19.77	19.74		
10	64QAM	1	0	19.76	19.85	19.76	20.9	0
10	64QAM	1	25	19.77	19.81	19.79		
10	64QAM	1	49	19.72	19.76	19.78		
10	64QAM	25	0	19.82	19.74	19.72	20.9	0
10	64QAM	25	12	19.80	19.76	19.79		
10	64QAM	25	25	19.82	19.77	19.81		
10	64QAM	50	0	19.75	19.75	19.81		
10	256QAM	1	0	17.65	17.71	17.70	19	1.9
10	256QAM	1	25	17.58	17.63	17.49		
10	256QAM	1	49	17.59	17.60	17.50		
10	256QAM	25	0	17.56	17.76	17.64	19	1.9
10	256QAM	25	12	17.53	17.76	17.62		
10	256QAM	25	25	17.57	17.65	17.47		
10	256QAM	50	0	17.58	17.59	17.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.83	19.82	19.79	20.9	0
5	QPSK	1	12	19.81	19.81	19.76		
5	QPSK	1	24	19.82	19.79	19.80		
5	QPSK	12	0	19.82	19.83	19.83	20.9	0
5	QPSK	12	7	19.83	19.85	19.75		
5	QPSK	12	13	19.76	19.74	19.82		
5	QPSK	25	0	19.83	19.75	19.83		
5	16QAM	1	0	19.83	19.84	19.81	20.9	0
5	16QAM	1	12	19.84	19.80	19.78		
5	16QAM	1	24	19.79	19.76	19.77		
5	16QAM	12	0	19.82	19.73	19.81	20.9	0
5	16QAM	12	7	19.76	19.81	19.82		
5	16QAM	12	13	19.80	19.80	19.79		
5	16QAM	25	0	19.76	19.79	19.74		
5	64QAM	1	0	19.79	19.81	19.75	20.9	0
5	64QAM	1	12	19.78	19.75	19.79		
5	64QAM	1	24	19.79	19.80	19.80		
5	64QAM	12	0	19.83	19.79	19.80	20.9	0
5	64QAM	12	7	19.76	19.80	19.81		
5	64QAM	12	13	19.83	19.82	19.72		
5	64QAM	25	0	19.81	19.74	19.75		
5	256QAM	1	0	17.68	17.68	17.66	19	1.9
5	256QAM	1	12	17.54	17.59	17.53		
5	256QAM	1	24	17.55	17.64	17.53		
5	256QAM	12	0	17.58	17.72	17.61	19	1.9
5	256QAM	12	7	17.50	17.70	17.53		
5	256QAM	12	13	17.53	17.70	17.52		
5	256QAM	25	0	17.51	17.58	17.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.86	19.89	19.91	19.85	19.83	20.9	0
20	QPSK	1	49	19.87	19.84	19.90	19.85	19.89		
20	QPSK	1	99	19.84	19.88	19.85	19.77	19.86		
20	QPSK	50	0	19.86	19.88	19.89	19.84	19.77	20.9	0
20	QPSK	50	24	19.79	19.85	19.79	19.83	19.77		
20	QPSK	50	50	19.87	19.87	19.81	19.80	19.85		
20	QPSK	100	0	19.85	19.86	19.88	19.82	19.87		
20	16QAM	1	0	19.83	19.87	19.78	19.85	19.79	20.9	0
20	16QAM	1	49	19.78	19.84	19.78	19.86	19.83		
20	16QAM	1	99	19.84	19.82	19.83	19.83	19.82		
20	16QAM	50	0	19.85	19.84	19.81	19.88	19.77	20.9	0
20	16QAM	50	24	19.79	19.87	19.87	19.84	19.89		
20	16QAM	50	50	19.81	19.78	19.80	19.80	19.85		
20	16QAM	100	0	19.86	19.81	19.87	19.87	19.88		
20	64QAM	1	0	19.81	19.80	19.79	19.78	19.79	20.9	0
20	64QAM	1	49	19.81	19.78	19.88	19.82	19.85		
20	64QAM	1	99	19.80	19.86	19.78	19.80	19.81		
20	64QAM	50	0	19.78	19.86	19.86	19.84	19.83	20.9	0
20	64QAM	50	24	19.83	19.88	19.78	19.87	19.82		
20	64QAM	50	50	19.83	19.86	19.88	19.82	19.85		
20	64QAM	100	0	19.82	19.85	19.80	19.80	19.80		
20	256QAM	1	0	18.33	18.34	18.54	18.27	18.41	19	1.9
20	256QAM	1	49	18.31	18.38	18.42	18.31	18.40		
20	256QAM	1	99	18.27	18.38	18.35	18.15	18.34		
20	256QAM	50	0	18.41	18.35	18.47	18.42	18.41	19	1.9
20	256QAM	50	24	18.35	18.33	18.45	18.27	18.40		
20	256QAM	50	50	18.37	18.30	18.41	18.41	18.27		
20	256QAM	100	0	18.22	18.46	18.35	18.32	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.79	19.80	19.83	19.75	19.81	20.90	0
15	QPSK	1	37	19.81	19.79	19.86	19.85	19.85		
15	QPSK	1	74	19.82	19.79	19.80	19.78	19.78		
15	QPSK	36	0	19.85	19.76	19.81	19.80	19.80	20.9	0
15	QPSK	36	20	19.86	19.86	19.83	19.81	19.80		
15	QPSK	36	39	19.85	19.80	19.84	19.78	19.85		
15	QPSK	75	0	19.82	19.84	19.83	19.81	19.80		
15	16QAM	1	0	19.85	19.83	19.87	19.78	19.77	20.9	0
15	16QAM	1	37	19.86	19.85	19.86	19.82	19.85		
15	16QAM	1	74	19.78	19.80	19.87	19.85	19.81		
15	16QAM	36	0	19.81	19.76	19.76	19.83	19.80	20.9	0
15	16QAM	36	20	19.83	19.84	19.84	19.77	19.86		
15	16QAM	36	39	19.83	19.79	19.88	19.86	19.77		
15	16QAM	75	0	19.83	19.81	19.81	19.80	19.82		
15	64QAM	1	0	19.77	19.82	19.82	19.78	19.83	20.9	0
15	64QAM	1	37	19.81	19.85	19.76	19.77	19.77		
15	64QAM	1	74	19.82	19.78	19.82	19.84	19.82		
15	64QAM	36	0	19.79	19.77	19.82	19.86	19.84	20.9	0
15	64QAM	36	20	19.78	19.86	19.81	19.85	19.85		
15	64QAM	36	39	19.86	19.86	19.83	19.83	19.76		
15	64QAM	75	0	19.80	19.81	19.85	19.77	19.78		
15	256QAM	1	0	18.24	18.21	18.44	18.24	18.32	19	1.9
15	256QAM	1	37	18.22	18.34	18.40	18.29	18.26		
15	256QAM	1	74	18.17	18.29	18.25	18.06	18.21		
15	256QAM	36	0	18.28	18.24	18.33	18.37	18.36	19	1.9
15	256QAM	36	20	18.23	18.23	18.33	18.24	18.32		
15	256QAM	36	39	18.33	18.19	18.36	18.38	18.14		
15	256QAM	75	0	18.15	18.38	18.23	18.28	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.79	19.79	19.84	19.76	19.78	20.90	0
10	QPSK	1	25	19.86	19.80	19.77	19.77	19.87		
10	QPSK	1	49	19.79	19.79	19.79	19.87	19.75		
10	QPSK	25	0	19.84	19.79	19.87	19.79	19.83	20.9	0
10	QPSK	25	12	19.82	19.79	19.77	19.86	19.81		
10	QPSK	25	25	19.76	19.76	19.81	19.82	19.78		
10	QPSK	50	0	19.86	19.75	19.80	19.81	19.75		
10	16QAM	1	0	19.85	19.78	19.77	19.84	19.79	20.9	0
10	16QAM	1	25	19.80	19.76	19.83	19.77	19.78		
10	16QAM	1	49	19.82	19.85	19.77	19.81	19.85		
10	16QAM	25	0	19.83	19.84	19.87	19.77	19.75	20.9	0
10	16QAM	25	12	19.82	19.79	19.77	19.84	19.76		
10	16QAM	25	25	19.84	19.81	19.86	19.80	19.81		
10	16QAM	50	0	19.78	19.80	19.84	19.86	19.77		
10	64QAM	1	0	19.81	19.75	19.79	19.79	19.80	20.9	0
10	64QAM	1	25	19.80	19.83	19.78	19.84	19.83		
10	64QAM	1	49	19.80	19.81	19.79	19.81	19.81		
10	64QAM	25	0	19.81	19.80	19.80	19.82	19.83	20.9	0
10	64QAM	25	12	19.77	19.87	19.83	19.82	19.79		
10	64QAM	25	25	19.85	19.80	19.79	19.84	19.84		
10	64QAM	50	0	19.84	19.87	19.86	19.84	19.84		
10	256QAM	1	0	18.19	18.22	18.50	18.23	18.33	19	1.9
10	256QAM	1	25	18.26	18.31	18.29	18.21	18.33		
10	256QAM	1	49	18.23	18.33	18.27	18.05	18.30		
10	256QAM	25	0	18.32	18.24	18.42	18.32	18.37	19	1.9
10	256QAM	25	12	18.30	18.29	18.34	18.24	18.32		
10	256QAM	25	25	18.29	18.18	18.28	18.29	18.14		
10	256QAM	50	0	18.16	18.35	18.23	18.24	18.25		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.81	19.76	19.86	19.85	19.76	20.90	0
5	QPSK	1	12	19.81	19.83	19.80	19.80	19.81		
5	QPSK	1	24	19.80	19.78	19.77	19.85	19.79		
5	QPSK	12	0	19.81	19.81	19.76	19.80	19.84	20.9	0
5	QPSK	12	7	19.83	19.86	19.78	19.85	19.83		
5	QPSK	12	13	19.82	19.84	19.83	19.82	19.76		
5	QPSK	25	0	19.81	19.80	19.83	19.85	19.79		
5	16QAM	1	0	19.85	19.79	19.78	19.79	19.78	20.9	0
5	16QAM	1	12	19.79	19.80	19.79	19.81	19.78		
5	16QAM	1	24	19.78	19.80	19.87	19.77	19.76		
5	16QAM	12	0	19.80	19.86	19.88	19.83	19.83	20.9	0
5	16QAM	12	7	19.82	19.82	19.86	19.83	19.78		
5	16QAM	12	13	19.81	19.86	19.84	19.86	19.77		
5	16QAM	25	0	19.77	19.85	19.83	19.83	19.79		
5	64QAM	1	0	19.83	19.85	19.79	19.79	19.82	20.9	0
5	64QAM	1	12	19.86	19.75	19.84	19.76	19.83		
5	64QAM	1	24	19.76	19.85	19.81	19.81	19.86		
5	64QAM	12	0	19.81	19.80	19.83	19.80	19.83	20.9	0
5	64QAM	12	7	19.75	19.77	19.82	19.87	19.85		
5	64QAM	12	13	19.83	19.79	19.87	19.84	19.86		
5	64QAM	25	0	19.81	19.80	19.85	19.78	19.87		
5	256QAM	1	0	18.26	18.27	18.50	18.15	18.32	19	1.9
5	256QAM	1	12	18.28	18.27	18.30	18.28	18.29		
5	256QAM	1	24	18.17	18.32	18.21	18.05	18.22		
5	256QAM	12	0	18.32	18.27	18.42	18.37	18.32	19	1.9
5	256QAM	12	7	18.23	18.23	18.32	18.20	18.29		
5	256QAM	12	13	18.29	18.26	18.33	18.33	18.13		
5	256QAM	25	0	18.19	18.40	18.23	18.21	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.43	21.41	21.51	21.46	21.49	22.5	0
20	QPSK	1	49	21.41	21.36	21.46	21.46	21.43		
20	QPSK	1	99	21.44	21.37	21.45	21.43	21.46		
20	QPSK	50	0	21.42	21.38	21.39	21.45	21.40	22.5	0
20	QPSK	50	24	21.44	21.43	21.47	21.45	21.36		
20	QPSK	50	50	21.45	21.36	21.44	21.46	21.42		
20	QPSK	100	0	21.39	21.41	21.47	21.40	21.40		
20	16QAM	1	0	21.42	21.38	21.45	21.44	21.37	22.5	0
20	16QAM	1	49	21.36	21.44	21.46	21.45	21.41		
20	16QAM	1	99	21.39	21.42	21.44	21.38	21.47		
20	16QAM	50	0	21.37	21.47	21.44	21.40	21.40	22.5	0
20	16QAM	50	24	21.46	21.38	21.45	21.36	21.45		
20	16QAM	50	50	21.45	21.39	21.46	21.47	21.41		
20	16QAM	100	0	21.35	21.42	21.38	21.47	21.42		
20	64QAM	1	0	21.39	21.40	21.47	21.39	21.37	22.5	0
20	64QAM	1	49	21.36	21.39	21.45	21.36	21.40		
20	64QAM	1	99	21.38	21.41	21.46	21.36	21.40		
20	64QAM	50	0	21.37	21.37	21.46	21.42	21.36	22.5	0
20	64QAM	50	24	21.35	21.39	21.44	21.46	21.44		
20	64QAM	50	50	21.47	21.36	21.38	21.39	21.38		
20	64QAM	100	0	21.42	21.39	21.37	21.36	21.47		
20	256QAM	1	0	20.30	20.34	20.56	20.29	20.45	21	1.5
20	256QAM	1	49	20.29	20.40	20.41	20.35	20.44		
20	256QAM	1	99	20.23	20.33	20.33	20.18	20.38		
20	256QAM	50	0	20.42	20.35	20.51	20.36	20.42	21	1.5
20	256QAM	50	24	20.29	20.34	20.46	20.28	20.42		
20	256QAM	50	50	20.42	20.35	20.37	20.44	20.25		
20	256QAM	100	0	20.18	20.46	20.35	20.37	20.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.46	21.37	21.37	21.41	21.42	22.50	0
15	QPSK	1	37	21.41	21.46	21.36	21.37	21.44		
15	QPSK	1	74	21.40	21.40	21.38	21.42	21.38		
15	QPSK	36	0	21.42	21.43	21.45	21.45	21.40	22.5	0
15	QPSK	36	20	21.37	21.46	21.38	21.38	21.44		
15	QPSK	36	39	21.39	21.38	21.42	21.35	21.41		
15	QPSK	75	0	21.35	21.37	21.47	21.35	21.42		
15	16QAM	1	0	21.39	21.44	21.38	21.41	21.41	22.5	0
15	16QAM	1	37	21.43	21.47	21.45	21.42	21.40		
15	16QAM	1	74	21.47	21.36	21.46	21.39	21.42		
15	16QAM	36	0	21.35	21.43	21.44	21.45	21.46	22.5	0
15	16QAM	36	20	21.38	21.47	21.48	21.41	21.45		
15	16QAM	36	39	21.38	21.35	21.44	21.46	21.36		
15	16QAM	75	0	21.44	21.37	21.46	21.45	21.40		
15	64QAM	1	0	21.38	21.42	21.41	21.37	21.37	22.5	0
15	64QAM	1	37	21.40	21.42	21.37	21.39	21.36		
15	64QAM	1	74	21.39	21.42	21.41	21.41	21.39		
15	64QAM	36	0	21.41	21.38	21.38	21.42	21.45	22.5	0
15	64QAM	36	20	21.45	21.44	21.46	21.44	21.44		
15	64QAM	36	39	21.35	21.43	21.46	21.37	21.38		
15	64QAM	75	0	21.46	21.38	21.44	21.44	21.44		
15	256QAM	1	0	20.22	20.21	20.49	20.19	20.42	21	1.5
15	256QAM	1	37	20.22	20.29	20.32	20.29	20.42		
15	256QAM	1	74	20.20	20.25	20.22	20.12	20.27		
15	256QAM	36	0	20.36	20.28	20.41	20.23	20.33	21	1.5
15	256QAM	36	20	20.24	20.23	20.39	20.20	20.35		
15	256QAM	36	39	20.36	20.26	20.28	20.41	20.15		
15	256QAM	75	0	20.13	20.43	20.29	20.25	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.37	21.42	21.37	21.42	21.47	22.50	0
10	QPSK	1	25	21.40	21.39	21.43	21.47	21.46		
10	QPSK	1	49	21.44	21.36	21.41	21.38	21.46		
10	QPSK	25	0	21.42	21.44	21.43	21.36	21.45	22.5	0
10	QPSK	25	12	21.37	21.40	21.39	21.45	21.39		
10	QPSK	25	25	21.35	21.42	21.42	21.42	21.38		
10	QPSK	50	0	21.40	21.45	21.47	21.43	21.41		
10	16QAM	1	0	21.41	21.37	21.38	21.36	21.47	22.5	0
10	16QAM	1	25	21.45	21.43	21.47	21.36	21.42		
10	16QAM	1	49	21.36	21.44	21.44	21.41	21.38		
10	16QAM	25	0	21.40	21.43	21.48	21.41	21.43	22.5	0
10	16QAM	25	12	21.37	21.41	21.45	21.38	21.39		
10	16QAM	25	25	21.40	21.41	21.38	21.44	21.45		
10	16QAM	50	0	21.46	21.48	21.

GSM850 Ant1 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 DSI7			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.80	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.78	20.85	20.81	22.2	0
20	QPSK	1	49	20.78	20.74	20.71		
20	QPSK	1	99	20.73	20.80	20.70		
20	QPSK	50	0	20.70	20.83	20.77	22	0.2
20	QPSK	50	24	20.70	20.76	20.78		
20	QPSK	50	50	20.72	20.71	20.74		
20	QPSK	100	0	20.74	20.79	20.77		
20	16QAM	1	0	20.72	20.83	20.72	22	0.2
20	16QAM	1	49	20.71	20.83	20.74		
20	16QAM	1	99	20.73	20.81	20.72		
20	16QAM	50	0	20.37	20.38	20.27	21	1.2
20	16QAM	50	24	20.34	20.38	20.26		
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27	21	1.2
20	64QAM	1	49	20.34	20.36	20.18		
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23	20	2.2
20	64QAM	50	24	19.38	19.31	19.24		
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25	18	4.2
20	256QAM	1	49	17.37	17.31	17.18		
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.25		
20	256QAM	50	24	17.28	17.37	17.27		
20	256QAM	50	50	17.42	17.32	17.11		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.73	20.83	20.77	22.2	0
15	QPSK	1	37	20.80	20.82	20.76		
15	QPSK	1	74	20.78	20.74	20.68		
15	QPSK	36	0	20.72	20.74	20.78	22	0.2
15	QPSK	36	20	20.74	20.76	20.77		
15	QPSK	36	39	20.70	20.81	20.80		
15	QPSK	75	0	20.74	20.75	20.77		
15	16QAM	1	0	20.71	20.81	20.70	22	0.2
15	16QAM	1	37	20.74	20.72	20.73		
15	16QAM	1	74	20.75	20.80	20.76		
15	16QAM	36	0	20.31	20.26	20.20	18	1.2
15	16QAM	36	20	20.23	20.30	20.16		
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23	21	1.2
15	64QAM	1	37	20.28	20.28	20.12		
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.19	20	2.2
15	64QAM	36	20	19.32	19.25	19.13		
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20	18	4.2
15	256QAM	1	37	17.33	17.28	17.15		
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.28	17.15		
15	256QAM	36	20	17.25	17.35	17.24		
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.72	20.72	20.72	22.2	0
10	QPSK	1	25	20.71	20.76	20.79		
10	QPSK	1	49	20.79	20.80	20.72		
10	QPSK	25	0	20.70	20.82	20.75	22	0.2
10	QPSK	25	12	20.77	20.78	20.81		
10	QPSK	25	25	20.78	20.73	20.76		
10	QPSK	50	0	20.80	20.72	20.72		
10	16QAM	1	0	20.72	20.77	20.77	22	0.2
10	16QAM	1	25	20.72	20.72	20.80		
10	16QAM	1	49	20.75	20.82	20.78		
10	16QAM	25	0	20.32	20.36	20.18	21	1.2
10	16QAM	25	12	20.25	20.34	20.20		
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13	21	1.2
10	64QAM	1	25	20.31	20.24	20.13		
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11	20	2.2
10	64QAM	25	12	19.28	19.20	19.12		
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.28	17.12	18	4.2
10	256QAM	1	25	17.33	17.21	17.06		
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11	18	4.2
10	256QAM	25	12	17.24	17.27	17.23		
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.74	20.73	20.70	22.2	0
5	QPSK	1	12	20.69	20.72	20.74		
5	QPSK	1	24	20.72	20.77	20.74		
5	QPSK	12	0	20.72	20.81	20.74	22	0.2
5	QPSK	12	7	20.78	20.79	20.79		
5	QPSK	12	13	20.75	20.81	20.75		
5	QPSK	25	0	20.69	20.80	20.72		
5	16QAM	1	0	20.70	20.83	20.72	22	0.2
5	16QAM	1	12	20.78	20.76	20.74		
5	16QAM	1	24	20.74	20.72	20.81		
5	16QAM	12	0	21.24	21.21	20.22	21	1.2
5	16QAM	12	7	20.21	20.26	20.21		
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24	21	1.2
5	64QAM	1	12	20.25	20.29	20.11		
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17	20	2.2
5	64QAM	12	7	19.29	19.22	19.18		
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23	18	4.2
5	256QAM	1	12	17.34	17.22	17.06		
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.38	17.06	18	4.2
5	256QAM	12	7	17.18	17.29	17.19		
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.78	20.73	20.70	22.2	0
3	QPSK	1	8	20.79	20.79	20.78		
3	QPSK	1	14	20.78	20.81	20.79		
3	QPSK	8	0	20.74	20.73	20.80	22	0.2
3	QPSK	8	4	20.72	20.78	20.74		
3	QPSK	8	7	20.78	20.75	20.78		
3	QPSK	15	0	20.78	20.82	20.78		
3	16QAM	1	0	20.77	20.75	20.72	22	0.2
3	16QAM	1	8	20.71	20.75	20.73		
3	16QAM	1	14	20.71	20.71	20.77		
3	16QAM	8	0	20.32	20.29	20.16	21	1.2
3	16QAM	8	4	20.22	20.35	20.15		
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18	21	1.2
3	64QAM	1	8	20.23	20.27	20.14		
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10	20	2.2
3	64QAM	8	4	19.26	19.19	19.15		
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16	18	4.2
3	256QAM	1	8	17.26	17.21	17.12		
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14	18	4.2
3	256QAM	8	4	17.15	17.31	17.22		
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.78	20.72	20.79	22.2	0
1.4	QPSK	1	3	20.73	20.72	20.73		
1.4	QPSK	1	5	20.79	20.76	20.81		
1.4	QPSK	3	0	20.73	20.83	20.73		
1.4	QPSK	3	1	20.71	20.72	20.77		
1.4	QPSK	3	3	20.76	20.74	20.73		
1.4	QPSK	6	0	20.74	20.83	20.80	22	0.2
1.4	16QAM	1	0	20.81	20.72	20.71	22	0.2
1.4	16QAM	1	3	20.73	20.72	20.75		
1.4	16QAM	1	5	20.81	20.78	20.70		
1.4	16QAM	3	0	20.74	20.75	20.80		
1.4	16QAM	3	1	20.72	20.75	20.75		
1.4	16QAM	3	3	20.80	20.73	20.75		
1.4	16QAM	6	0	20.25	20.28	20.23	21	1.2
1.4	64QAM	1	0	20.17	20.23	20.14	21	1.2
1.4	64QAM	1	3	20.28	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16		
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	2.2
1.4	256QAM	1	0	17.25	17.28	17.13	18	4.2
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14		
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	4.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.52	19.59	19.54	20.3	0
20	QPSK	1	49	19.51	19.52	19.49		
20	QPSK	1	99	19.48	19.56	19.46		
20	QPSK	50	0	19.49	19.56	19.44	20.3	0
20	QPSK	50	24	19.52	19.53	19.54		
20	QPSK	50	50	19.55	19.51	19.44		
20	QPSK	100	0	19.45	19.53	19.51		
20	16QAM	1	0	19.45	19.55	19.44	20.3	0
20	16QAM	1	49	19.46	19.52	19.47		
20	16QAM	1	99	19.54	19.54	19.44		
20	16QAM	50	0	19.46	19.51	19.46	20.3	0
20	16QAM	50	24	19.50	19.52	19.53		
20	16QAM	50	50	19.53	19.49	19.52		
20	16QAM	100	0	19.43	19.53	19.54		
20	64QAM	1	0	19.54	19.45	19.46	20.3	0
20	64QAM	1	49	19.45	19.45	19.51		
20	64QAM	1	99	19.52	19.56	19.53		
20	64QAM	50	0	19.03	19.04	18.99	20	0.3
20	64QAM	50	24	18.94	19.05	18.90		
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00	18	2.3
20	256QAM	1	49	16.85	17.01	16.94		
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94		
20	256QAM	50	24	17.06	17.06	17.03		
20	256QAM	50	50	16.91	16.98	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.47	19.51	19.48	20.3	0
15	QPSK	1	37	19.54	19.49	19.49		
15	QPSK	1	74	19.48	19.47	19.50		
15	QPSK	36	0	19.53	19.48	19.51	20.3	0
15	QPSK	36	20	19.53	19.49	19.49		
15	QPSK	36	39	19.54	19.57	19.49		
15	QPSK	75	0	19.46	19.53	19.52		
15	16QAM	1	0	19.47	19.50	19.49	20.3	0
15	16QAM	1	37	19.52	19.49	19.45		
15	16QAM	1	74	19.54	19.54	19.49		
15	16QAM	36	0	19.48	19.54	19.44	20.3	0
15	16QAM	36	20	19.45	19.49	19.54		
15	16QAM	36	39	19.51	19.57	19.47		
15	16QAM	75	0	19.53	19.46	19.54		
15	64QAM	1	0	19.48	19.53	19.54	20.3	0
15	64QAM	1	37	19.54	19.48	19.47		
15	64QAM	1	74	19.52	19.47	19.47		
15	64QAM	36	0	18.93	18.91	18.95	20	0.3
15	64QAM	36	20	18.92	18.99	18.77		
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96	18	2.3
15	256QAM	1	37	16.72	16.90	16.83		
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84		
15	256QAM	36	20	16.95	16.97	16.96		
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.46	19.54	19.55	20.3	0
10	QPSK	1	25	19.50	19.52	19.49		
10	QPSK	1	49	19.51	19.56	19.47		
10	QPSK	25	0	19.51	19.53	19.49	20.3	0
10	QPSK	25	12	19.53	19.50	19.54		
10	QPSK	25	25	19.43	19.46	19.53		
10	QPSK	50	0	19.54	19.49	19.43		
10	16QAM	1	0	19.51	19.49	19.48	20.3	0
10	16QAM	1	25	19.53	19.48	19.47		
10	16QAM	1	49	19.49	19.47	19.53		
10	16QAM	25	0	19.48	19.56	19.54	20.3	0
10	16QAM	25	12	19.44	19.52	19.47		
10	16QAM	25	25	19.45	19.53	19.52		
10	16QAM	50	0	19.51	19.56	19.43		
10	64QAM	1	0	19.44	19.48	19.52	20.3	0
10	64QAM	1	25	19.48	19.55	19.49		
10	64QAM	1	49	19.42	19.47	19.52		
10	64QAM	25	0	18.98	18.98	18.87	20	0.3
10	64QAM	25	12	18.91	18.94	18.78		
10	64QAM	25	25	18.93	18.84	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.80	17.01	16.94	18	2.3
10	256QAM	1	25	16.77	16.92	16.81		
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83		
10	256QAM	25	12	16.98	17.04	17.00		
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.54	19.50	19.54	20.3	0
5	QPSK	1	12	19.55	19.55	19.54		
5	QPSK	1	24	19.50	19.56	19.54		
5	QPSK	12	0	19.53	19.52	19.52	20.3	0
5	QPSK	12	7	19.55	19.51	19.48		
5	QPSK	12	13	19.49	19.49	19.49		
5	QPSK	25	0	19.55	19.52	19.53		
5	16QAM	1	0	19.54	19.55	19.55	20.3	0
5	16QAM	1	12	19.45	19.46	19.45		
5	16QAM	1	24	19.51	19.52	19.52		
5	16QAM	12	0	19.45	19.54	19.46	20.3	0
5	16QAM	12	7	19.45	19.54	19.44		
5	16QAM	12	13	19.46	19.49	19.45		
5	16QAM	25	0	19.54	19.46	19.54		
5	64QAM	1	0	19.43	19.50	19.55	20.3	0
5	64QAM	1	12	19.52	19.50	19.44		
5	64QAM	1	24	19.48	19.49	19.44		
5	64QAM	12	0	18.99	19.00	18.96	20	0.3
5	64QAM	12	7	18.82	19.00	18.78		
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91	18	2.3
5	256QAM	1	12	16.74	16.92	16.90		
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85	18	2.3
5	256QAM	12	7	16.86	16.96	16.96		
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.49	19.46	19.51	20.3	0
3	QPSK	1	8	19.45	19.51	19.46		
3	QPSK	1	14	19.52	19.54	19.54		
3	QPSK	8	0	19.50	19.45	19.51	20.3	0
3	QPSK	8	4	19.45	19.46	19.48		
3	QPSK	8	7	19.51	19.54	19.49		
3	QPSK	15	0	19.54	19.53	19.43		
3	16QAM	1	0	19.44	19.50	19.45	20.3	0
3	16QAM	1	8	19.48	19.55	19.52		
3	16QAM	1	14	19.45	19.54	19.54		
3	16QAM	8	0	19.52	19.54	19.51	20.3	0
3	16QAM	8	4	19.51	19.48	19.49		
3	16QAM	8	7	19.55	19.52	19.43		
3	16QAM	15	0	19.54	19.45	19.52		
3	64QAM	1	0	19.43	19.49	19.46	20.3	0
3	64QAM	1	8	19.53	19.49	19.55		
3	64QAM	1	14	19.49	19.50	19.52		
3	64QAM	8	0	19.00	18.99	18.86	20	0.3
3	64QAM	8	4	18.87	18.98	18.84		
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90	18	2.3
3	256QAM	1	8	16.80	16.89	16.83		
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83	18	2.3
3	256QAM	8	4	16.99	16.93	16.92		
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.51	19.46	19.48	20.3	0
1.4	QPSK	1	3	19.51	19.54	19.46		
1.4	QPSK	1	5	19.52	19.50	19.51		
1.4	QPSK	3	0	19.48	19.46	19.52		
1.4	QPSK	3	1	19.49	19.53	19.49		
1.4	QPSK	3	3	19.47	19.50	19.51		
1.4	QPSK	6	0	19.46	19.53	19.50	20.3	0
1.4	16QAM	1	0	19.50	19.46	19.49	20.3	0
1.4	16QAM	1	3	19.53	19.50	19.53		
1.4	16QAM	1	5	19.51	19.47	19.45		
1.4	16QAM	3	0	19.55	19.49	19.52		
1.4	16QAM	3	1	19.54	19.47	19.45		
1.4	16QAM	3	3	19.50	19.56	19.55		
1.4	16QAM	6	0	19.51	19.53	19.45	20.3	0
1.4	64QAM	1	0	19.54	19.52	19.51	20.3	0
1.4	64QAM	1	3	19.55	19.50	19.53		
1.4	64QAM	1	5	19.54	19.56	19.44		
1.4	64QAM	3	0	19.45	19.48	19.47		
1.4	64QAM	3	1	19.43	19.49	19.48		
1.4	64QAM	3	3	19.54	19.53	19.52		
1.4	64QAM	6	0	18.93	18.97	18.91	20	0.3
1.4	256QAM	1	0	16.93	16.97	16.93	18	2.3
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77		
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	2.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18	24	0
10	QPSK	1	25	22.17	22.19	22.13		
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14	23	1
10	QPSK	25	12	21.22	21.16	21.10		
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22	23	1
10	16QAM	1	25	21.15	21.16	21.19		
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.87	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.67	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.86	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

Band 13 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

Band 14 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

Band 17 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.36	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

Band 25 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.80	20.88	20.79	22.2	0
20	QPSK	1	49	20.78	20.87	20.78		
20	QPSK	1	99	20.84	20.84	20.86		
20	QPSK	50	0	20.80	20.86	20.78	22	0.2
20	QPSK	50	24	20.80	20.80	20.84		
20	QPSK	50	50	20.81	20.82	20.80		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.84	20.80	22	0.2
20	16QAM	1	49	20.82	20.85	20.84		
20	16QAM	1	99	20.87	20.79	20.78		
20	16QAM	50	0	20.44	20.39	20.25	21	1.2
20	16QAM	50	24	20.41	20.45	20.22		
20	16QAM	50	50	20.21	20.26	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24	21	1.2
20	64QAM	1	49	20.40	20.34	20.15		
20	64QAM	1	99	20.15	20.30	20.33		
20	64QAM	50	0	19.32	19.42	19.23	20	2.2
20	64QAM	50	24	19.43	19.32	19.24		
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26	18	4.2
20	256QAM	1	49	17.40	17.31	17.19		
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18	18	4.2
20	256QAM	50	24	17.25	17.40	17.29		
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.75	20.83	20.77	22.2	0
15	QPSK	1	37	20.74	20.81	20.79		
15	QPSK	1	74	20.74	20.82	20.78		
15	QPSK	36	0	20.77	20.77	20.72	22	0.2
15	QPSK	36	20	20.71	20.71	20.77		
15	QPSK	36	39	20.75	20.76	20.77		
15	QPSK	75	0	20.72	20.82	20.77		
15	16QAM	1	0	20.70	20.71	20.77	22	0.2
15	16QAM	1	37	20.69	20.76	20.72		
15	16QAM	1	74	20.75	20.79	20.79		
15	16QAM	36	0	20.32	20.31	20.21	21	1.2
15	16QAM	36	20	20.28	20.40	20.11		
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16	21	1.2
15	64QAM	1	37	20.35	20.23	20.12		
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12	20	2.2
15	64QAM	36	20	19.38	19.19	19.10		
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.38	19.24		
15	256QAM	1	0	17.32	17.27	17.17	18	4.2
15	256QAM	1	37	17.26	17.25	17.11		
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12	18	4.2
15	256QAM	36	20	17.12	17.36	17.16		
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.77	20.73	20.77	22.2	0
10	QPSK	1	25	20.73	20.78	20.79		
10	QPSK	1	49	20.79	20.75	20.74		
10	QPSK	25	0	20.79	20.73	20.74	22	0.2
10	QPSK	25	12	20.78	20.72	20.81		
10	QPSK	25	25	20.73	20.82	20.80		
10	QPSK	50	0	20.76	20.78	20.76		
10	16QAM	1	0	20.79	20.82	20.77	22	0.2
10	16QAM	1	25	20.78	20.83	20.74		
10	16QAM	1	49	20.78	20.78	20.72		
10	16QAM	25	0	20.37	20.35	20.14	21	1.2
10	16QAM	25	12	20.31	20.39	20.15		
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15	21	1.2
10	64QAM	1	25	20.27	20.22	20.03		
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15	20	2.2
10	64QAM	25	12	19.29	19.19	19.15		
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15	18	4.2
10	256QAM	1	25	17.31	17.21	17.15		
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14	18	4.2
10	256QAM	25	12	17.12	17.32	17.26		
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.70	20.76	20.74	22.2	0
5	QPSK	1	12	20.80	20.82	20.79		
5	QPSK	1	24	20.70	20.80	20.80		
5	QPSK	12	0	20.76	20.81	20.75	22	0.2
5	QPSK	12	7	20.80	20.79	20.73		
5	QPSK	12	13	20.75	20.77	20.81		
5	QPSK	25	0	20.69	20.83	20.72		
5	16QAM	1	0	20.69	20.73	20.69	22	0.2
5	16QAM	1	12	20.70	20.77	20.73		
5	16QAM	1	24	20.70	20.80	20.80		
5	16QAM	12	0	20.41	20.32	20.22	21	1.2
5	16QAM	12	7	20.30	20.33	20.11		
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13	21	1.2
5	64QAM	1	12	20.35	20.30	20.09		
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14	20	2.2
5	64QAM	12	7	19.39	19.22	19.14		
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.18	18	4.2
5	256QAM	1	12	17.27	17.25	17.07		
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06	18	4.2
5	256QAM	12	7	17.14	17.34	17.19		
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26555	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.81	20.75	20.80	22.2	0
3	QPSK	1	8	20.75	20.78	20.73		
3	QPSK	1	14	20.78	20.83	20.75		
3	QPSK	8	0	20.75	20.79	20.80	22	0.2
3	QPSK	8	4	20.76	20.79	20.77		
3	QPSK	8	7	20.81	20.76	20.78		
3	QPSK	15	0	20.75	20.78	20.75		
3	16QAM	1	0	20.78	20.73	20.69	22	0.2
3	16QAM	1	8	20.81	20.83	20.75		
3	16QAM	1	14	20.76	20.71	20.79		
3	16QAM	8	0	20.32	20.30	20.21	21	1.2
3	16QAM	8	4	20.38	20.39	20.14		
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13	21	1.2
3	64QAM	1	8	20.36	20.25	20.03		
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11	20	2.2
3	64QAM	8	4	19.33	19.25	19.13		
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20	18	4.2
3	256QAM	1	8	17.33	17.27	17.07		
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05	18	4.2
3	256QAM	8	4	17.18	17.35	17.20		
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.71	20.82	20.74	22.2	0
1.4	QPSK	1	3	20.80	20.74	20.78		
1.4	QPSK	1	5	20.71	20.77	20.74		
1.4	QPSK	3	0	20.69	20.78	20.76		
1.4	QPSK	3	1	20.74	20.71	20.81		
1.4	QPSK	3	3	20.75	20.77	20.79		
1.4	QPSK	6	0	20.73	20.74	20.77	22	0.2
1.4	16QAM	1	0	20.70	20.75	20.76	22	0.2
1.4	16QAM	1	3	20.71	20.78	20.70		
1.4	16QAM	1	5	20.77	20.83	20.73		
1.4	16QAM	3	0	20.72	20.73	20.75		
1.4	16QAM	3	1	20.70	20.80	20.71		
1.4	16QAM	3	3	20.73	20.73	20.73		
1.4	16QAM	6	0	20.27	20.25	20.17	21	1.2
1.4	64QAM	1	0	20.10	20.20	20.10	21	1.2
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30		
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	2.2
1.4	256QAM	1	0	17.29	17.33	17.14	18	4.2
1.4	256QAM	1	3	17.30	17.26	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24		
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	4.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38	24	0
15	QPSK	1	37	22.35	22.43	22.35		
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32	23	1
15	QPSK	36	20	21.30	21.45	21.31		
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36	23	1
15	16QAM	1	37	21.36	21.39	21.38		
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33	22	2
15	16QAM	36	20	20.28	20.45	20.28		
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33	22	2
15	64QAM	1	37	20.36	20.34	20.35		
15	64QAM	1	74	20.36	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32	21	3
15	64QAM	36	20	19.35	19.42	19.30		
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36	19	5
15	256QAM	1	37	17.34	17.40	17.26		
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36	19	5
15	256QAM	36	20	17.44	17.44	17.39		
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29	24	0
10	QPSK	1	25	22.32	22.33	22.28		
10	QPSK	1	49	22.22	22.33	22.22		
10	QPSK	25	0	21.26	21.46	21.29	23	1
10	QPSK	25	12	21.22	21.31	21.17		
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24	23	1
10	16QAM	1	25	21.28	21.35	21.27		
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28	22	2
10	16QAM	25	12	20.23	20.33	20.22		
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29	22	2
10	64QAM	1	25	20.23	20.28	20.21		
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21	21	3
10	64QAM	25	12	19.23	19.32	19.17		
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24	19	5
10	256QAM	1	25	17.27	17.30	17.15		
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30	19	5
10	256QAM	25	12	17.35	17.36	17.29		
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29	24	0
5	QPSK	1	12	22.29	22.34	22.27		
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19	23	1
5	QPSK	12	7	21.27	21.43	21.22		
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28	23	1
5	16QAM	1	12	21.34	21.27	21.36		
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19	22	2
5	16QAM	12	7	20.19	20.39	20.23		
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24	22	2
5	64QAM	1	12	20.27	20.27	20.27		
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19	21	3
5	64QAM	12	7	19.32	19.32	19.23		
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28	19	5
5	256QAM	1	12	17.25	17.31	17.15		
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23	19	5
5	256QAM	12	7	17.40	17.40	17.25		
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34	24	0
3	QPSK	1	8	22.32	22.34	22.30		
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25	23	1
3	QPSK	8	4	21.25	21.35	21.24		
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30	23	1
3	16QAM	1	8	21.29	21.31	21.26		
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25	22	2
3	16QAM	8	4	20.16	20.32	20.24		
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27	22	2
3	64QAM	1	8	20.22	20.23	20.28		
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23	21	3
3	64QAM	8	4	19.22	19.40	19.25		
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28	19	5
3	256QAM	1	8	17.28	17.33	17.18		
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23	19	5
3	256QAM	8	4	17.32	17.36	17.36		
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28	24	0
1.4	QPSK	1	3	22.26	22.32	22.27		
1.4	QPSK	1	5	22.21	22.37	22.25		
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.35	21.36	21.32	23	1
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17		
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24	22	2
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18		
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31	19	5
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21		
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85		22	0
10	QPSK	1	25		20.83			
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91		21	1
10	QPSK	25	12		19.80			
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84		21	1
10	16QAM	1	25		19.86			
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95		20	2
10	16QAM	25	12		18.78			
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85		20	2
10	64QAM	1	25		18.89			
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96		19	3
10	64QAM	25	12		17.82			
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86		17	5
10	256QAM	1	25		15.77			
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90		17	5
10	256QAM	25	12		15.86			
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79	22	0
5	QPSK	1	12	20.77	20.77	20.72		
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89	21	1
5	QPSK	12	7	19.72	19.67	19.67		
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72	21	1
5	16QAM	1	12	19.84	19.81	19.76		
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83	20	2
5	16QAM	12	7	18.69	18.70	18.76		
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76	20	2
5	64QAM	1	12	18.78	18.79	18.79		
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.54	19.61	19.56	20.3	0
20	QPSK	1	49	19.54	19.59	19.46		
20	QPSK	1	99	19.51	19.58	19.46		
20	QPSK	50	0	19.52	19.59	19.51	20.3	0
20	QPSK	50	24	19.55	19.48	19.51		
20	QPSK	50	50	19.53	19.54	19.52		
20	QPSK	100	0	19.54	19.58	19.46		
20	16QAM	1	0	19.49	19.49	19.52	20.3	0
20	16QAM	1	49	19.50	19.51	19.58		
20	16QAM	1	99	19.54	19.54	19.54		
20	16QAM	50	0	19.51	19.59	19.50	20.3	0
20	16QAM	50	24	19.55	19.55	19.54		
20	16QAM	50	50	19.51	19.58	19.52		
20	16QAM	100	0	19.53	19.55	19.48		
20	64QAM	1	0	19.55	19.57	19.54	20.3	0
20	64QAM	1	49	19.56	19.58	19.46		
20	64QAM	1	99	19.47	19.50	19.57		
20	64QAM	50	0	19.03	19.08	19.07	20	0.3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	2.3
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	2.3
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.46	19.57	19.55	20.3	0
15	QPSK	1	37	19.54	19.52	19.47		
15	QPSK	1	74	19.55	19.49	19.56		
15	QPSK	36	0	19.52	19.51	19.48	20.3	0
15	QPSK	36	20	19.49	19.60	19.50		
15	QPSK	36	39	19.57	19.59	19.53		
15	QPSK	75	0	19.53	19.51	19.52		
15	16QAM	1	0	19.58	19.54	19.55	20.3	0
15	16QAM	1	37	19.51	19.49	19.47		
15	16QAM	1	74	19.55	19.51	19.56		
15	16QAM	36	0	19.50	19.54	19.51	20.3	0
15	16QAM	36	20	19.48	19.55	19.58		
15	16QAM	36	39	19.50	19.50	19.57		
15	16QAM	75	0	19.57	19.48	19.53		
15	64QAM	1	0	19.57	19.54	19.50	20.3	0
15	64QAM	1	37	19.56	19.52	19.49		
15	64QAM	1	74	19.54	19.57	19.54		
15	64QAM	36	0	18.96	19.04	18.95	20	0.3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	2.3
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	2.3
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.55	19.52	19.50	20.3	0
10	QPSK	1	25	19.52	19.50	19.52		
10	QPSK	1	49	19.51	19.56	19.56		
10	QPSK	25	0	19.48	19.52	19.55	20.3	0
10	QPSK	25	12	19.48	19.59	19.54		
10	QPSK	25	25	19.53	19.51	19.47		
10	QPSK	50	0	19.49	19.53	19.57		
10	16QAM	1	0	19.49	19.51	19.54	20.3	0
10	16QAM	1	25	19.56	19.52	19.54		
10	16QAM	1	49	19.48	19.52	19.47		
10	16QAM	25	0	19.49	19.48	19.56	20.3	0
10	16QAM	25	12	19.56	19.59	19.54		
10	16QAM	25	25	19.57	19.54	19.47		
10	16QAM	50	0	19.47	19.52	19.57		
10	64QAM	1	0	19.48	19.48	19.46	20.3	0
10	64QAM	1	25	19.50	19.53	19.57		
10	64QAM	1	49	19.49	19.53	19.53		
10	64QAM	25	0	18.90	19.01	18.95	20	0.3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.87	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	2.3
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	2.3
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.46	19.52	19.55	20.3	0
5	QPSK	1	12	19.51	19.59	19.55		
5	QPSK	1	24	19.49	19.52	19.53		
5	QPSK	12	0	19.57	19.59	19.52	20.3	0
5	QPSK	12	7	19.50	19.59	19.57		
5	QPSK	12	13	19.49	19.58	19.47		
5	QPSK	25	0	19.49	19.59	19.56		
5	16QAM	1	0	19.47	19.53	19.55	20.3	0
5	16QAM	1	12	19.52	19.59	19.54		
5	16QAM	1	24	19.54	19.56	19.56		
5	16QAM	12	0	19.53	19.58	19.46	20.3	0
5	16QAM	12	7	19.50	19.56	19.58		
5	16QAM	12	13	19.50	19.58	19.51		
5	16QAM	25	0	19.57	19.50	19.55		
5	64QAM	1	0	19.51	19.59	19.50	20.3	0
5	64QAM	1	12	19.48	19.49	19.58		
5	64QAM	1	24	19.47	19.51	19.49		
5	64QAM	12	0	18.96	18.95	18.96	20	0.3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	2.3
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	2.3
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.54	19.59	19.47	20.3	0
3	QPSK	1	8	19.55	19.50	19.49		
3	QPSK	1	14	19.51	19.55	19.54		
3	QPSK	8	0	19.46	19.49	19.50	20.3	0
3	QPSK	8	4	19.54	19.57	19.48		
3	QPSK	8	7	19.57	19.56	19.46		
3	QPSK	15	0	19.49	19.53	19.49		
3	16QAM	1	0	19.54	19.59	19.46	20.3	0
3	16QAM	1	8	19.47	19.59	19.52		
3	16QAM	1	14	19.52	19.55	19.50		
3	16QAM	8	0	19.57	19.48	19.48	20.3	0
3	16QAM	8	4	19.51	19.59	19.53		
3	16QAM	8	7	19.53	19.55	19.56		
3	16QAM	15	0	19.57	19.51	19.48		
3	64QAM	1	0	19.56	19.48	19.46	20.3	0
3	64QAM	1	8	19.46	19.55	19.57		
3	64QAM	1	14	19.51	19.54	19.52		
3	64QAM	8	0	19.00	18.96	18.94	20	0.3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	2.3
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	2.3
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.55	19.59	19.49	20.3	0
1.4	QPSK	1	3	19.49	19.54	19.52		
1.4	QPSK	1	5	19.54	19.54	19.57		
1.4	QPSK	3	0	19.53	19.53	19.48		
1.4	QPSK	3	1	19.46	19.51	19.49		
1.4	QPSK	3	3	19.51	19.57	19.54		
1.4	QPSK	6	0	19.56	19.59	19.54	20.3	0
1.4	16QAM	1	0	19.51	19.50	19.46	20.3	0
1.4	16QAM	1	3	19.50	19.48	19.56		
1.4	16QAM	1	5	19.57	19.56	19.51		
1.4	16QAM	3	0	19.55	19.53	19.51		
1.4	16QAM	3	1	19.48	19.59	19.55		
1.4	16QAM	3	3	19.55	19.53	19.51		
1.4	16QAM	6	0	19.53	19.49	19.58	20.3	0
1.4	64QAM	1	0	19.54	19.49	19.48	20.3	0
1.4	64QAM	1	3	19.51	19.56	19.49		
1.4	64QAM	1	5	19.56	19.51	19.47		
1.4	64QAM	3	0	19.51	19.59	19.50		
1.4	64QAM	3	1	19.52	19.55	19.57		
1.4	64QAM	3	3	19.55	19.55	19.52		
1.4	64QAM	6	0	18.81	18.98	18.97	20	0.3
1.4	256QAM	1	0	17.01	17.01	16.93	18	2.3
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	2.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.68	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49	22	2
5	64QAM	1	0	20.49	20.53	20.42		
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.76	22.85	22.79	23.9	0
20	QPSK	1	49	22.74	22.75	22.77		
20	QPSK	1	99	22.76	22.78	22.72		
20	QPSK	50	0	22.73	22.83	22.73	23.9	0
20	QPSK	50	24	22.73	22.82	22.72		
20	QPSK	50	50	22.71	22.76	22.72		
20	QPSK	100	0	22.74	22.82	22.80		
20	16QAM	1	0	22.80	22.77	22.77	23.9	0
20	16QAM	1	49	22.76	22.81	22.70		
20	16QAM	1	99	22.73	22.74	22.74		
20	16QAM	50	0	21.16	21.35	21.31	23	0.9
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	0.9
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	1.9
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	3.9
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	3.9
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.70	22.77	22.80	23.9	0
15	QPSK	1	37	22.76	22.75	22.70		
15	QPSK	1	74	22.74	22.82	22.69		
15	QPSK	36	0	22.73	22.78	22.75	23.9	0
15	QPSK	36	20	22.77	22.74	22.73		
15	QPSK	36	39	22.72	22.78	22.71		
15	QPSK	75	0	22.78	22.81	22.75		
15	16QAM	1	0	22.71	22.76	22.78	23.9	0
15	16QAM	1	37	22.72	22.80	22.70		
15	16QAM	1	74	22.80	22.83	22.74		
15	16QAM	36	0	21.10	21.27	21.17	23	0.9
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	0.9
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	1.9
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	3.9
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	3.9
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.83	22.73	23.9	0
10	QPSK	1	25	22.80	22.76	22.77		
10	QPSK	1	49	22.81	22.76	22.80		
10	QPSK	25	0	22.71	22.77	22.78	23.9	0
10	QPSK	25	12	22.74	22.81	22.70		
10	QPSK	25	25	22.72	22.81	22.77		
10	QPSK	50	0	22.79	22.74	22.76		
10	16QAM	1	0	22.70	22.76	22.80	23.9	0
10	16QAM	1	25	22.79	22.73	22.71		
10	16QAM	1	49	22.75	22.82	22.81		
10	16QAM	25	0	21.01	21.26	21.16	23	0.9
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.21	21.31	23	0.9
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	1.9
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	3.9
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	3.9
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.69	22.74	22.77	23.9	0
5	QPSK	1	12	22.80	22.80	22.70		
5	QPSK	1	24	22.74	22.72	22.76		
5	QPSK	12	0	22.81	22.78	22.70	23.9	0
5	QPSK	12	7	22.72	22.76	22.73		
5	QPSK	12	13	22.70	22.80	22.70		
5	QPSK	25	0	22.78	22.78	22.76		
5	16QAM	1	0	22.79	22.83	22.71	23.9	0
5	16QAM	1	12	22.73	22.79	22.80		
5	16QAM	1	24	22.74	22.72	22.72		
5	16QAM	12	0	21.11	21.20	21.19	23	0.9
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	0.9
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	1.9
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	3.9
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	3.9
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

Band 41 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.85	22.80	22.93	22.89	22.91	23.9	0
20	QPSK	1	49	22.89	22.84	22.89	22.85	22.82		
20	QPSK	1	99	22.82	22.88	22.85	22.89	22.88		
20	QPSK	50	0	22.81	22.80	22.91	22.83	22.90	23.9	0
20	QPSK	50	24	22.83	22.80	22.89	22.85	22.84		
20	QPSK	50	50	22.87	22.80	22.87	22.87	22.82		
20	QPSK	100	0	22.79	22.79	22.86	22.84	22.81		
20	16QAM	1	0	22.83	22.88	22.86	22.89	22.83	23.9	0
20	16QAM	1	49	22.87	22.80	22.88	22.87	22.84		
20	16QAM	1	99	22.89	22.84	22.92	22.89	22.84		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	0.9
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	0.9
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	1.9
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	3.9
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	3.9
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.80	22.85	22.80	22.81	22.79	23.90	0
15	QPSK	1	37	22.79	22.80	22.81	22.86	22.86		
15	QPSK	1	74	22.80	22.76	22.80	22.85	22.77		
15	QPSK	36	0	22.81	22.78	22.84	22.79	22.77	23.9	0
15	QPSK	36	20	22.84	22.82	22.86	22.76	22.84		
15	QPSK	36	39	22.87	22.86	22.84	22.86	22.83		
15	QPSK	75	0	22.84	22.79	22.85	22.84	22.78		
15	16QAM	1	0	22.87	22.77	22.83	22.86	22.87	23.9	0
15	16QAM	1	37	22.76	22.82	22.80	22.81	22.83		
15	16QAM	1	74	22.81	22.76	22.84	22.75	22.83		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	0.9
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	0.9
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	1.9
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	3.9
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	3.9
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.78	22.76	22.87	22.81	22.83	23.90	0
10	QPSK	1	25	22.84	22.84	22.79	22.82	22.80		
10	QPSK	1	49	22.79	22.87	22.79	22.81	22.87		
10	QPSK	25	0	22.81	22.81	22.87	22.81	22.85	23.9	0
10	QPSK	25	12	22.83	22.84	22.86	22.80	22.80		
10	QPSK	25	25	22.75	22.86	22.79	22.79	22.86		
10	QPSK	50	0	22.87	22.86	22.86	22.82	22.83		
10	16QAM	1	0	22.82	22.75	22.80	22.81	22.86	23.9	0
10	16QAM	1	25	22.83	22.77	22.86	22.81	22.86		
10	16QAM	1	49	22.76	22.77	22.87	22.82	22.81		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	0.9
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	0.9
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	1.9
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	3.9
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	3.9
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.83	22.80	22.80	22.86	22.79	23.90	0
5	QPSK	1	12	22.84	22.83	22.85	22.86	22.79		
5	QPSK	1	24	22.80	22.81	22.88	22.80	22.84		
5	QPSK	12	0	22.80	22.78	22.90	22.84	22.77	23.9	0
5	QPSK	12	7	22.85	22.77	22.94	22.79	22.83		
5	QPSK	12	13	22.83	22.85	22.87	22.75	22.85		
5	QPSK	25	0	22.76	22.77	22.79	22.76	22.77		
5	16QAM	1	0	22.77	22.84	22.78	22.86	22.83	23.9	0
5	16QAM	1	12	22.85	22.83	22.78	22.78	22.84		
5	16QAM	1	24	22.83	22.77	22.83	22.81	22.76		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	0.9
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	0.9
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	1.9
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	3.9
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	3.9
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

Band 41 HPUE Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.57	24.51	24.61	24.53	24.58	25.5	0
20	QPSK	1	49	24.51	24.51	24.60	24.47	24.52		
20	QPSK	1	99	24.49	24.50	24.54	24.55	24.57		
20	QPSK	50	0	24.59	24.54	24.60	24.47	24.50	25.5	0
20	QPSK	50	24	24.56	24.48	24.53	24.57	24.54		
20	QPSK	50	50	24.54	24.57	24.56	24.55	24.47		
20	QPSK	100	0	24.55	24.58	24.59	24.49	24.58		
20	16QAM	1	0	24.49	24.50	24.60	24.51	24.55	25.5	0
20	16QAM	1	49	24.51	24.49	24.53	24.51	24.53		
20	16QAM	1	99	24.51	24.59	24.52	24.52	24.59		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	0.5
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	0.5
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	1.5
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	3.5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	3.5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.55	24.49	24.47	24.53	24.44	25.50	0
15	QPSK	1	37	24.51	24.55	24.47	24.47	24.45		
15	QPSK	1	74	24.52	24.49	24.54	24.48	24.47		
15	QPSK	36	0	24.53	24.49	24.53	24.52	24.47	25.5	0
15	QPSK	36	20	24.52	24.50	24.58	24.46	24.44		
15	QPSK	36	39	24.50	24.55	24.50	24.54	24.46		
15	QPSK	75	0	24.48	24.49	24.51	24.52	24.45		
15	16QAM	1	0	24.50	24.48	24.54	24.45	24.51	25.5	0
15	16QAM	1	37	24.47	24.50	24.56	24.52	24.47		
15	16QAM	1	74	24.55	24.47	24.48	24.53	24.44		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	0.5
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	0.5
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	1.5
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	3.5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.75	22	3.5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.52	24.44	24.56	24.51	24.47	25.50	0
10	QPSK	1	25	24.48	24.51	24.50	24.51	24.49		
10	QPSK	1	49	24.45	24.43	24.55	24.50	24.53		
10	QPSK	25	0	24.47	24.44	24.50	24.54	24.49	25.5	0
10	QPSK	25	12	24.46	24.53	24.55	24.47	24.44		
10	QPSK	25	25	24.55	24.44	24.47	24.44	24.55		
10	QPSK	50	0	24.54	24.44	24.55	24.51	24.47		
10	16QAM	1	0	24.46	24.43	24.53	24.48	24.52	25.5	0
10	16QAM	1	25	24.48	24.44	24.57	24.50	24.46		
10	16QAM	1	49	24.51	24.46	24.46	24.47	24.51		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	0.5
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.

GSM1900 Ant2 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.66	26.70	26.69	27.90	17.66	17.70	17.69	18.90
GPRS 1 Tx slot	26.64	26.69	26.65	27.90	17.64	17.69	17.65	18.90
GPRS 2 Tx slots	23.55	23.72	23.69	24.90	17.55	17.72	17.69	18.90
GPRS 3 Tx slots	21.83	21.93	21.89	23.00	17.57	17.67	17.63	18.74
GPRS 4 Tx slots	20.61	20.70	20.66	21.90	17.61	17.70	17.66	18.90
EDGE 1 Tx slot	24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots	23.56	23.60	23.49	24.90	17.56	17.60	17.49	18.90
EDGE 3 Tx slots	22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots	19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 DSI7			Tune-up Limit (dBm)	WCDMA IV Ant2 DSI7			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.48	17.52	17.43	18.40	16.68	16.76	16.72	18.10
3GPP Rel 99	RMC 12.2Kbps	17.54	17.61	17.52	18.40	16.78	16.83	16.81	18.10
3GPP Rel 6	HSDPA Subtest-1	16.61	16.66	16.54	17.40	15.84	15.80	15.75	17.10
3GPP Rel 6	HSDPA Subtest-2	16.65	16.62	16.60	17.40	15.84	15.85	15.75	17.10
3GPP Rel 6	HSDPA Subtest-3	16.06	16.12	16.03	16.90	15.40	15.37	15.28	16.60
3GPP Rel 6	HSDPA Subtest-4	16.10	16.21	16.06	16.90	15.38	15.47	15.30	16.60
3GPP Rel 8	DC-HSDPA Subtest-1	16.52	16.70	16.45	17.40	15.76	15.84	15.70	17.10
3GPP Rel 8	DC-HSDPA Subtest-2	16.60	16.57	16.49	17.40	15.90	15.85	15.74	17.10
3GPP Rel 8	DC-HSDPA Subtest-3	16.08	16.12	16.02	16.90	15.39	15.33	15.32	16.60
3GPP Rel 8	DC-HSDPA Subtest-4	16.10	16.08	15.95	16.90	15.41	15.38	15.21	16.60
3GPP Rel 6	HSUPA Subtest-1	16.59	16.53	16.52	17.40	15.78	15.83	15.74	17.10
3GPP Rel 6	HSUPA Subtest-2	14.59	14.64	14.48	15.40	13.85	13.84	13.83	15.10
3GPP Rel 6	HSUPA Subtest-3	15.61	15.58	15.53	16.40	14.76	14.77	14.81	16.10
3GPP Rel 6	HSUPA Subtest-4	14.58	14.70	14.61	15.40	13.87	13.91	13.76	15.10
3GPP Rel 6	HSUPA Subtest-5	16.59	16.66	16.50	17.40	15.82	15.91	15.82	17.10

Band 2 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.58	18.75	18.58	19.5	0
20	QPSK	1	49	18.61	18.59	18.61		
20	QPSK	1	99	18.62	18.69	18.64		
20	QPSK	50	0	18.64	18.72	18.61		
20	QPSK	50	24	18.61	18.64	18.64	19.5	0
20	QPSK	50	50	18.58	18.67	18.62		
20	QPSK	100	0	18.68	18.69	18.62		
20	16QAM	1	0	18.65	18.63	18.59		
20	16QAM	1	49	18.59	18.60	18.69	19.5	0
20	16QAM	1	99	18.64	18.69	18.65		
20	16QAM	50	0	18.61	18.70	18.67		
20	16QAM	50	24	18.60	18.59	18.66	19.5	0
20	16QAM	50	50	18.59	18.65	18.61		
20	16QAM	100	0	18.58	18.64	18.66		
20	64QAM	1	0	18.66	18.61	18.62		
20	64QAM	1	49	18.60	18.65	18.66	19.5	0
20	64QAM	1	99	18.66	18.64	18.68		
20	64QAM	50	0	18.69	18.64	18.57		
20	64QAM	50	24	18.66	18.63	18.59	19.5	0
20	64QAM	50	50	18.67	18.68	18.59		
20	64QAM	100	0	18.64	18.65	18.57		
20	256QAM	1	0	17.66	17.82	17.62		
20	256QAM	1	49	17.50	17.62	17.59	19	0.5
20	256QAM	1	99	17.55	17.63	17.55		
20	256QAM	50	0	17.75	17.69	17.74		
20	256QAM	50	24	17.63	17.71	17.62	19	0.5
20	256QAM	50	50	17.60	17.71	17.64		
20	256QAM	100	0	17.53	17.65	17.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.69	18.59	18.60	19.5	0
15	QPSK	1	37	18.61	18.66	18.58		
15	QPSK	1	74	18.58	18.61	18.67		
15	QPSK	36	0	18.63	18.70	18.67		
15	QPSK	36	20	18.67	18.70	18.62	19.5	0
15	QPSK	36	39	18.58	18.59	18.60		
15	QPSK	75	0	18.63	18.59	18.62		
15	16QAM	1	0	18.66	18.69	18.66		
15	16QAM	1	37	18.66	18.70	18.67	19.5	0
15	16QAM	1	74	18.68	18.67	18.60		
15	16QAM	36	0	18.57	18.63	18.62		
15	16QAM	36	20	18.59	18.64	18.63	19.5	0
15	16QAM	36	39	18.61	18.65	18.63		
15	16QAM	75	0	18.62	18.68	18.61		
15	64QAM	1	0	18.59	18.62	18.63		
15	64QAM	1	37	18.62	18.70	18.64	19.5	0
15	64QAM	1	74	18.65	18.62	18.67		
15	64QAM	36	0	18.68	18.66	18.65		
15	64QAM	36	20	18.67	18.67	18.61	19.5	0
15	64QAM	36	39	18.69	18.62	18.60		
15	64QAM	75	0	18.66	18.70	18.69		
15	256QAM	1	0	17.64	17.75	17.50		
15	256QAM	1	37	17.37	17.60	17.46	19	0.5
15	256QAM	1	74	17.42	17.57	17.44		
15	256QAM	36	0	17.71	17.58	17.64		
15	256QAM	36	20	17.53	17.69	17.53	19	0.5
15	256QAM	36	39	17.49	17.67	17.62		
15	256QAM	75	0	17.42	17.63	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.67	18.65	18.68	19.5	0
10	QPSK	1	25	18.57	18.71	18.60		
10	QPSK	1	49	18.64	18.71	18.62		
10	QPSK	25	0	18.59	18.69	18.64		
10	QPSK	25	12	18.61	18.69	18.67	19.5	0
10	QPSK	25	25	18.59	18.66	18.69		
10	QPSK	50	0	18.67	18.65	18.65		
10	16QAM	1	0	18.66	18.60	18.58	19.5	0
10	16QAM	1	25	18.69	18.67	18.68		
10	16QAM	1	49	18.66	18.70	18.68		
10	16QAM	25	0	18.66	18.61	18.68	19.5	0
10	16QAM	25	12	18.61	18.68	18.61		
10	16QAM	25	25	18.58	18.70	18.68		
10	16QAM	50	0	18.68	18.66	18.64		
10	64QAM	1	0	18.65	18.71	18.62		
10	64QAM	1	25	18.66	18.67	18.58	19.5	0
10	64QAM	1	49	18.62	18.70	18.59		
10	64QAM	25	0	18.59	18.64	18.64		
10	64QAM	25	12	18.61	18.70	18.66	19.5	0
10	64QAM	25	25	18.64	18.70	18.64		
10	64QAM	50	0	18.67	18.64	18.69		
10	256QAM	1	0	17.59	17.71	17.55		
10	256QAM	1	25	17.40	17.59	17.48	19	0.5
10	256QAM	1	49	17.43	17.51	17.47		
10	256QAM	25	0	17.73	17.61	17.64		
10	256QAM	25	12	17.56	17.66	17.49	19	0.5
10	256QAM	25	25	17.48	17.59	17.60		
10	256QAM	50	0	17.49	17.56	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.63	18.60	18.65	19.5	0
5	QPSK	1	12	18.65	18.60	18.60		
5	QPSK	1	24	18.63	18.70	18.69		
5	QPSK	12	0	18.66	18.59	18.59		
5	QPSK	12	7	18.58	18.65	18.68	19.5	0
5	QPSK	12	13	18.68	18.60	18.65		
5	QPSK	25	0	18.65	18.67	18.59		
5	16QAM	1	0	18.58	18.67	18.60		
5	16QAM	1	12	18.63	18.64	18.68	19.5	0
5	16QAM	1	24	18.62	18.66	18.64		
5	16QAM	12	0	18.65	18.67	18.60		
5	16QAM	12	7	18.58	18.63	18.61	19.5	0
5	16QAM	12	13	18.58	18.64	18.67		
5	16QAM	25	0	18.60	18.66	18.58		
5	64QAM	1	0	18.57	18.70	18.63		
5	64QAM	1	12	18.62	18.61	18.64	19.5	0
5	64QAM	1	24	18.62	18.68	18.61		
5	64QAM	12	0	18.62	18.65	18.65		
5	64QAM	12	7	18.63	18.66	18.68	19.5	0
5	64QAM	12	13	18.67	18.70	18.63		
5	64QAM	25	0	18.63	18.65	18.64		
5	256QAM	1	0	17.62	17.70	17.51		
5	256QAM	1	12	17.36	17.50	17.56	19	0.5
5	256QAM	1	24	17.52	17.54	17.43		
5	256QAM	12	0	17.61	17.57	17.71		
5	256QAM	12	7	17.58	17.64	17.56	19	0.5
5	256QAM	12	13	17.51	17.61	17.54		
5	256QAM	25	0	17.48	17.61	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.61	18.59	18.61	19.5	0
3	QPSK	1	8	18.64	18.71	18.58		
3	QPSK	1	14	18.66	18.67	18.61		
3	QPSK	8	0	18.66	18.60	18.58	19.5	0
3	QPSK	8	4	18.68	18.64	18.62		
3	QPSK	8	7	18.62	18.68	18.58		
3	QPSK	15	0	18.65	18.65	18.65		
3	16QAM	1	0	18.66	18.66	18.68	19.5	0
3	16QAM	1	8	18.65	18.66	18.64		
3	16QAM	1	14	18.64	18.68	18.59		
3	16QAM	8	0	18.62	18.68	18.64	19.5	0
3	16QAM	8	4	18.57	18.65	18.60		
3	16QAM	8	7	18.65	18.64	18.60		
3	16QAM	15	0	18.66	18.68	18.67		
3	64QAM	1	0	18.64	18.67	18.60		
3	64QAM	1	8	18.62	18.65	18.60	19.5	0
3	64QAM	1	14	18.60	18.60	18.64		
3	64QAM	8	0	18.69	18.59	18.63	19.5	0
3	64QAM	8	4	18.58	18.66	18.64		
3	64QAM	8	7	18.63	18.69	18.64		
3	64QAM	15	0	18.63	18.60	18.57		
3	256QAM	1	0	17.62	17.78	17.56		
3	256QAM	1	8	17.46	17.55	17.55	19	0.5
3	256QAM	1	14	17.48	17.53	17.52		
3	256QAM	8	0	17.63	17.56	17.65		
3	256QAM	8	4	17.61	17.67	17.58	19	0.5
3	256QAM	8	7	17.49	17.67	17.54		
3	256QAM	15	0	17.39	17.59	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.65	18.62	18.59	19.5	0
1.4	QPSK	1	3	18.67	18.59	18.59		
1.4	QPSK	1	5	18.62	18.60	18.60		
1.4	QPSK	3	0	18.65	18.64	18.57		
1.4	QPSK	3	1	18.66	18.67	18.69		
1.4	QPSK	3	3	18.65	18.62	18.61		
1.4	QPSK	6	0	18.63	18.69	18.58	19.5	0
1.4	16QAM	1	0	18.67	18.70	18.63	19.5	0
1.4	16QAM	1	3	18.63	18.68	18.58		
1.4	16QAM	1	5	18.65	18.64	18.63		
1.4	16QAM	3	0	18.69	18.70	18.58		
1.4	16QAM	3	1	18.64	18.68	18.64		
1.4	16QAM	3	3	18.69	18.71	18.62		
1.4	16QAM	6	0	18.63	18.64	18.60	19.5	0
1.4	64QAM	1	0	18.66	18.60	18.63	19.5	0
1.4	64QAM	1	3	18.58	18.69	18.59		
1.4	64QAM	1	5	18.58	18.60	18.61		
1.4	64QAM	3	0	18.68	18.62	18.67		
1.4	64QAM	3	1	18.63	18.69	18.69		
1.4	64QAM	3	3	18.62	18.65	18.69		
1.4	64QAM	6	0	18.61	18.63	18.62	19.5	0
1.4	256QAM	1	0	17.63	17.80	17.49	19	0.5
1.4	256QAM	1	3	17.47	17.57	17.51		
1.4	256QAM	1	5	17.47	17.61	17.43		
1.4	256QAM	3	0	17.67	17.66	17.68		
1.4	256QAM	3	1	17.54	17.67	17.60		
1.4	256QAM	3	3	17.53	17.62	17.60		
1.4	256QAM	6	0	17.44	17.54	17.53	19	0.5

Band 4 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.24	18.34	18.23	19.2	0
20	QPSK	1	49	18.22	18.25	18.22		
20	QPSK	1	99	18.20	18.26	18.22		
20	QPSK	50	0	18.26	18.31	18.21		
20	QPSK	50	24	18.20	18.28	18.26		
20	QPSK	50	50	18.26	18.28	18.24		
20	QPSK	100	0	18.26	18.27	18.25		
20	16QAM	1	0	18.21	18.24	18.18		
20	16QAM	1	49	18.23	18.24	18.21		
20	16QAM	1	99	18.24	18.26	18.18		
20	16QAM	50	0	18.24	18.21	18.24		
20	16QAM	50	24	18.27	18.30	18.18		
20	16QAM	50	50	18.19	18.23	18.18		
20	16QAM	100	0	18.18	18.22	18.28		
20	64QAM	1	0	18.18	18.31	18.18		
20	64QAM	1	49	18.24	18.30	18.19		
20	64QAM	1	99	18.28	18.20	18.27		
20	64QAM	50	0	18.17	18.29	18.21		
20	64QAM	50	24	18.23	18.29	18.26		
20	64QAM	50	50	18.20	18.22	18.27		
20	64QAM	100	0	18.22	18.22	18.28		
20	256QAM	1	0	17.71	17.74	17.70		
20	256QAM	1	49	17.52	17.75	17.63	19	0.2
20	256QAM	1	99	17.70	17.72	17.55		
20	256QAM	50	0	17.65	17.77	17.71		
20	256QAM	50	24	17.65	17.71	17.64	19	0.2
20	256QAM	50	50	17.54	17.66	17.57		
20	256QAM	100	0	17.71	17.73	17.61		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.17	18.24	18.25	19.2	0
15	QPSK	1	37	18.23	18.25	18.27		
15	QPSK	1	74	18.28	18.28	18.19		
15	QPSK	36	0	18.29	18.19	18.26		
15	QPSK	36	20	18.28	18.26	18.23	19.2	0
15	QPSK	36	39	18.17	18.25	18.23		
15	QPSK	75	0	18.21	18.29	18.19		
15	16QAM	1	0	18.23	18.27	18.20		
15	16QAM	1	37	18.28	18.30	18.25	19.2	0
15	16QAM	1	74	18.28	18.22	18.24		
15	16QAM	36	0	18.21	18.24	18.20		
15	16QAM	36	20	18.26	18.24	18.24	19.2	0
15	16QAM	36	39	18.22	18.21	18.24		
15	16QAM	75	0	18.19	18.26	18.20		
15	64QAM	1	0	18.19	18.28	18.25		
15	64QAM	1	37	18.26	18.24	18.27	19.2	0
15	64QAM	1	74	18.27	18.20	18.27		
15	64QAM	36	0	18.27	18.24	18.18		
15	64QAM	36	20	18.22	18.25	18.27	19.2	0
15	64QAM	36	39	18.20	18.21	18.23		
15	64QAM	75	0	18.28	18.22	18.22		
15	256QAM	1	0	17.58	17.61	17.60		
15	256QAM	1	37	17.38	17.63	17.54	19	0.2
15	256QAM	1	74	17.64	17.65	17.44		
15	256QAM	36	0	17.56	17.66	17.68		
15	256QAM	36	20	17.56	17.58	17.53	19	0.2
15	256QAM	36	39	17.51	17.55	17.46		
15	256QAM	75	0	17.61	17.65	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.27	18.29	18.29	19.2	0
10	QPSK	1	25	18.21	18.25	18.24		
10	QPSK	1	49	18.24	18.25	18.28		
10	QPSK	25	0	18.23	18.20	18.24		
10	QPSK	25	12	18.19	18.25	18.19	19.2	0
10	QPSK	25	25	18.26	18.25	18.27		
10	QPSK	50	0	18.26	18.29	18.20		
10	16QAM	1	0	18.25	18.26	18.18		
10	16QAM	1	25	18.27	18.22	18.22	19.2	0
10	16QAM	1	49	18.21	18.27	18.26		
10	16QAM	25	0	18.24	18.24	18.24		
10	16QAM	25	12	18.22	18.30	18.19	19.2	0
10	16QAM	25	25	18.26	18.31	18.22		
10	16QAM	50	0	18.26	18.29	18.27		
10	64QAM	1	0	18.25	18.30	18.17		
10	64QAM	1	25	18.17	18.23	18.27	19.2	0
10	64QAM	1	49	18.19	18.29	18.27		
10	64QAM	25	0	18.19	18.19	18.23		
10	64QAM	25	12	18.18	18.24	18.27	19.2	0
10	64QAM	25	25	18.23	18.27	18.19		
10	64QAM	50	0	18.19	18.23	18.22		
10	256QAM	1	0	17.67	17.72	17.67		
10	256QAM	1	25	17.39	17.73	17.52	19	0.2
10	256QAM	1	49	17.57	17.63	17.49		
10	256QAM	25	0	17.57	17.59	17.58		
10	256QAM	25	12	17.55	17.66	17.56	19	0.2
10	256QAM	25	25	17.48	17.55	17.47		
10	256QAM	50	0	17.62	17.70	17.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.17	18.23	18.25	19.2	0
5	QPSK	1	12	18.28	18.30	18.27		
5	QPSK	1	24	18.24	18.22	18.27		
5	QPSK	12	0	18.29	18.24	18.25		
5	QPSK	12	7	18.26	18.24	18.27	19.2	0
5	QPSK	12	13	18.21	18.22	18.23		
5	QPSK	25	0	18.22	18.22	18.19		
5	16QAM	1	0	18.23	18.24	18.20		
5	16QAM	1	12	18.27	18.31	18.24	19.2	0
5	16QAM	1	24	18.26	18.25	18.26		
5	16QAM	12	0	18.25	18.29	18.23		
5	16QAM	12	7	18.23	18.20	18.25	19.2	0
5	16QAM	12	13	18.19	18.26	18.20		
5	16QAM	25	0	18.26	18.30	18.18		
5	64QAM	1	0	18.18	18.31	18.26		
5	64QAM	1	12	18.20	18.28	18.26	19.2	0
5	64QAM	1	24	18.19	18.22	18.22		
5	64QAM	12	0	18.18	18.21	18.27		
5	64QAM	12	7	18.24	18.23	18.26	19.2	0
5	64QAM	12	13	18.22	18.30	18.28		
5	64QAM	25	0	18.26	18.24	18.22		
5	256QAM	1	0	17.59	17.66	17.64		
5	256QAM	1	12	17.42	17.71	17.60	19	0.2
5	256QAM	1	24	17.63	17.66	17.45		
5	256QAM	12	0	17.59	17.58	17.57		
5	256QAM	12	7	17.60	17.63	17.50	19	0.2
5	256QAM	12	13	17.51	17.54	17.50		
5	256QAM	25	0	17.66	17.61	17.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.24	18.29	18.28	19.2	0
3	QPSK	1	8	18.25	18.24	18.25		
3	QPSK	1	14	18.18	18.26	18.17		
3	QPSK	8	0	18.28	18.24	18.19	19.2	0
3	QPSK	8	4	18.17	18.21	18.20		
3	QPSK	8	7	18.22	18.31	18.23		
3	QPSK	15	0	18.28	18.20	18.26		
3	16QAM	1	0	18.23	18.24	18.27	19.2	0
3	16QAM	1	8	18.23	18.21	18.26		
3	16QAM	1	14	18.28	18.26	18.22		
3	16QAM	8	0	18.19	18.23	18.24	19.2	0
3	16QAM	8	4	18.24	18.26	18.26		
3	16QAM	8	7	18.18	18.27	18.18		
3	16QAM	15	0	18.20	18.19	18.27		
3	64QAM	1	0	18.18	18.29	18.26		
3	64QAM	1	8	18.24	18.25	18.28	19.2	0
3	64QAM	1	14	18.20	18.27	18.26		
3	64QAM	8	0	18.26	18.30	18.21		
3	64QAM	8	4	18.20	18.27	18.21	19.2	0
3	64QAM	8	7	18.17	18.29	18.28		
3	64QAM	15	0	18.27	18.26	18.24		
3	256QAM	1	0	17.64	17.68	17.61		
3	256QAM	1	8	17.41	17.67	17.51	19	0.2
3	256QAM	1	14	17.60	17.68	17.43		
3	256QAM	8	0	17.59	17.69	17.68		
3	256QAM	8	4	17.52	17.68	17.58	19	0.2
3	256QAM	8	7	17.48	17.64	17.52		
3	256QAM	15	0	17.64	17.63	17.49		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.26	18.22	18.29	19.2	0
1.4	QPSK	1	3	18.24	18.24	18.27		
1.4	QPSK	1	5	18.26	18.23	18.19		
1.4	QPSK	3	0	18.22	18.29	18.19		
1.4	QPSK	3	1	18.22	18.20	18.23		
1.4	QPSK	3	3	18.26	18.29	18.20		
1.4	QPSK	6	0	18.18	18.22	18.23	19.2	0
1.4	16QAM	1	0	18.17	18.22	18.29	19.2	0
1.4	16QAM	1	3	18.29	18.23	18.24		
1.4	16QAM	1	5	18.21	18.26	18.20		
1.4	16QAM	3	0	18.27	18.27	18.24		
1.4	16QAM	3	1	18.24	18.30	18.27		
1.4	16QAM	3	3	18.19	18.26	18.23		
1.4	16QAM	6	0	18.22	18.23	18.23	19.2	0
1.4	64QAM	1	0	18.21	18.26	18.27	19.2	0
1.4	64QAM	1	3	18.22	18.25	18.24		
1.4	64QAM	1	5	18.28	18.28	18.20		
1.4	64QAM	3	0	18.22	18.27	18.22		
1.4	64QAM	3	1	18.18	18.29	18.27		
1.4	64QAM	3	3	18.21	18.29	18.21		
1.4	64QAM	6	0	18.18	18.23	18.19	19.2	0
1.4	256QAM	1	0	17.65	17.70	17.62	19	0.2
1.4	256QAM	1	3	17.49	17.66	17.52		
1.4	256QAM	1	5	17.56	17.67	17.51		
1.4	256QAM	3	0	17.53	17.64	17.69		
1.4	256QAM	3	1	17.57	17.59	17.60		
1.4	256QAM	3	3	17.43	17.63	17.46		
1.4	256QAM	6	0	17.68	17.61	17.51	19	0.2

Band 7 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.37	17.41	17.38	18.4	0
20	QPSK	1	49	17.35	17.39	17.35		
20	QPSK	1	99	17.28	17.40	17.36		
20	QPSK	50	0	17.28	17.37	17.32		
20	QPSK	50	24	17.34	17.31	17.29	18.4	0
20	QPSK	50	50	17.35	17.36	17.31		
20	QPSK	100	0	17.31	17.36	17.29		
20	16QAM	1	0	17.29	17.28	17.34		
20	16QAM	1	49	17.31	17.31	17.34	18.4	0
20	16Q

Band 25 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.70	18.78	18.75	19.5	0
20	QPSK	1	49	18.68	18.66	18.73		
20	QPSK	1	99	18.64	18.72	18.62		
20	QPSK	50	0	18.67	18.75	18.63	19.5	0
20	QPSK	50	24	18.71	18.63	18.72		
20	QPSK	50	50	18.68	18.73	18.69		
20	QPSK	100	0	18.64	18.73	18.65		
20	16QAM	1	0	18.62	18.65	18.62	19.5	0
20	16QAM	1	49	18.71	18.71	18.72		
20	16QAM	1	99	18.68	18.67	18.68		
20	16QAM	50	0	18.65	18.71	18.65	19.5	0
20	16QAM	50	24	18.63	18.68	18.68		
20	16QAM	50	50	18.69	18.70	18.70		
20	16QAM	100	0	18.71	18.72	18.66		
20	64QAM	1	0	18.65	18.73	18.64	19.5	0
20	64QAM	1	49	18.63	18.64	18.69		
20	64QAM	1	99	18.69	18.69	18.73		
20	64QAM	50	0	18.66	18.63	18.62	19.5	0
20	64QAM	50	24	18.67	18.70	18.65		
20	64QAM	50	50	18.61	18.74	18.65		
20	64QAM	100	0	18.64	18.73	18.70		
20	256QAM	1	0	17.70	17.72	17.62	19	0.5
20	256QAM	1	49	17.59	17.72	17.65		
20	256QAM	1	99	17.53	17.69	17.56		
20	256QAM	50	0	17.64	17.73	17.68	19	0.5
20	256QAM	50	24	17.72	17.74	17.74		
20	256QAM	50	50	17.58	17.77	17.59		
20	256QAM	100	0	17.64	17.69	17.65		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.64	18.62	18.64	19.5	0
15	QPSK	1	37	18.58	18.63	18.62		
15	QPSK	1	74	18.58	18.63	18.61		
15	QPSK	36	0	18.68	18.70	18.57	19.5	0
15	QPSK	36	20	18.60	18.68	18.61		
15	QPSK	36	39	18.57	18.70	18.68		
15	QPSK	75	0	18.65	18.67	18.65		
15	16QAM	1	0	18.60	18.60	18.63	19.5	0
15	16QAM	1	37	18.60	18.61	18.58		
15	16QAM	1	74	18.60	18.66	18.59		
15	16QAM	36	0	18.63	18.61	18.60	19.5	0
15	16QAM	36	20	18.68	18.66	18.62		
15	16QAM	36	39	18.63	18.67	18.62		
15	16QAM	75	0	18.65	18.67	18.59		
15	64QAM	1	0	18.67	18.67	18.67	19.5	0
15	64QAM	1	37	18.63	18.66	18.60		
15	64QAM	1	74	18.65	18.61	18.58		
15	64QAM	36	0	18.61	18.61	18.61	19.5	0
15	64QAM	36	20	18.68	18.65	18.59		
15	64QAM	36	39	18.63	18.59	18.57		
15	64QAM	75	0	18.66	18.68	18.67		
15	256QAM	1	0	17.58	17.71	17.58	19	0.5
15	256QAM	1	37	17.51	17.68	17.52		
15	256QAM	1	74	17.47	17.56	17.46		
15	256QAM	36	0	17.55	17.70	17.54	19	0.5
15	256QAM	36	20	17.62	17.70	17.62		
15	256QAM	36	39	17.46	17.74	17.47		
15	256QAM	75	0	17.55	17.64	17.62		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.67	18.67	18.64	19.5	0
10	QPSK	1	25	18.57	18.64	18.60		
10	QPSK	1	49	18.59	18.65	18.67		
10	QPSK	25	0	18.62	18.64	18.61	19.5	0
10	QPSK	25	12	18.65	18.64	18.60		
10	QPSK	25	25	18.65	18.62	18.60		
10	QPSK	50	0	18.60	18.68	18.58		
10	16QAM	1	0	18.66	18.59	18.62	19.5	0
10	16QAM	1	25	18.62	18.68	18.64		
10	16QAM	1	49	18.61	18.66	18.64		
10	16QAM	25	0	18.64	18.67	18.65	19.5	0
10	16QAM	25	12	18.58	18.62	18.58		
10	16QAM	25	25	18.64	18.68	18.58		
10	16QAM	50	0	18.64	18.60	18.59		
10	64QAM	1	0	18.65	18.63	18.69	19.5	0
10	64QAM	1	25	18.60	18.69	18.64		
10	64QAM	1	49	18.63	18.70	18.59		
10	64QAM	25	0	18.62	18.62	18.59	19.5	0
10	64QAM	25	12	18.58	18.61	18.68		
10	64QAM	25	25	18.67	18.68	18.66		
10	64QAM	50	0	18.66	18.61	18.64		
10	256QAM	1	0	17.61	17.75	17.48	19	0.5
10	256QAM	1	25	17.46	17.60	17.56		
10	256QAM	1	49	17.50	17.59	17.45		
10	256QAM	25	0	17.56	17.65	17.57	19	0.5
10	256QAM	25	12	17.66	17.71	17.67		
10	256QAM	25	25	17.48	17.73	17.50		
10	256QAM	50	0	17.60	17.65	17.54		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.58	18.60	18.63	19.5	0
5	QPSK	1	12	18.60	18.67	18.57		
5	QPSK	1	24	18.59	18.63	18.58		
5	QPSK	12	0	18.64	18.67	18.68	19.5	0
5	QPSK	12	7	18.67	18.64	18.64		
5	QPSK	12	13	18.61	18.60	18.64		
5	QPSK	25	0	18.60	18.61	18.66		
5	16QAM	1	0	18.58	18.71	18.59	19.5	0
5	16QAM	1	12	18.60	18.71	18.69		
5	16QAM	1	24	18.66	18.63	18.66		
5	16QAM	12	0	18.65	18.61	18.65	19.5	0
5	16QAM	12	7	18.66	18.67	18.65		
5	16QAM	12	13	18.64	18.71	18.68		
5	16QAM	25	0	18.58	18.63	18.69		
5	64QAM	1	0	18.63	18.66	18.65	19.5	0
5	64QAM	1	12	18.65	18.60	18.65		
5	64QAM	1	24	18.57	18.60	18.66		
5	64QAM	12	0	18.58	18.60	18.68	19.5	0
5	64QAM	12	7	18.62	18.62	18.58		
5	64QAM	12	13	18.61	18.71	18.64		
5	64QAM	25	0	18.65	18.60	18.61		
5	256QAM	1	0	17.56	17.68	17.54	19	0.5
5	256QAM	1	12	17.55	17.69	17.56		
5	256QAM	1	24	17.50	17.58	17.46		
5	256QAM	12	0	17.58	17.65	17.59	19	0.5
5	256QAM	12	7	17.68	17.69	17.70		
5	256QAM	12	13	17.44	17.66	17.49		
5	256QAM	25	0	17.52	17.57	17.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.60	18.65	18.65	19.5	0
3	QPSK	1	8	18.59	18.62	18.67		
3	QPSK	1	14	18.65	18.64	18.62		
3	QPSK	8	0	18.58	18.60	18.63	19.5	0
3	QPSK	8	4	18.60	18.61	18.69		
3	QPSK	8	7	18.61	18.60	18.64		
3	QPSK	15	0	18.60	18.71	18.63		
3	16QAM	1	0	18.67	18.68	18.65	19.5	0
3	16QAM	1	8	18.66	18.71	18.57		
3	16QAM	1	14	18.65	18.66	18.66		
3	16QAM	8	0	18.58	18.63	18.64	19.5	0
3	16QAM	8	4	18.64	18.68	18.61		
3	16QAM	8	7	18.59	18.67	18.66		
3	16QAM	15	0	18.68	18.65	18.58		
3	64QAM	1	0	18.61	18.64	18.67	19.5	0
3	64QAM	1	8	18.57	18.63	18.67		
3	64QAM	1	14	18.66	18.67	18.65		
3	64QAM	8	0	18.57	18.66	18.61	19.5	0
3	64QAM	8	4	18.68	18.59	18.67		
3	64QAM	8	7	18.67	18.65	18.60		
3	64QAM	15	0	18.65	18.67	18.59		
3	256QAM	1	0	17.63	17.74	17.54	19	0.5
3	256QAM	1	8	17.47	17.64	17.57		
3	256QAM	1	14	17.44	17.62	17.48		
3	256QAM	8	0	17.53	17.67	17.65	19	0.5
3	256QAM	8	4	17.64	17.67	17.63		
3	256QAM	8	7	17.46	17.73	17.51		
3	256QAM	15	0	17.62	17.62	17.58		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.60	18.65	18.69	19.5	0
1.4	QPSK	1	3	18.61	18.69	18.64		
1.4	QPSK	1	5	18.68	18.67	18.64		
1.4	QPSK	3	0	18.57	18.66	18.65		
1.4	QPSK	3	1	18.63	18.71	18.59		
1.4	QPSK	3	3	18.59	18.67	18.59		
1.4	QPSK	6	0	18.58	18.68	18.58	19.5	0
1.4	16QAM	1	0	18.58	18.66	18.67	19.5	0
1.4	16QAM	1	3	18.60	18.70	18.66		
1.4	16QAM	1	5	18.59	18.65	18.66		
1.4	16QAM	3	0	18.61	18.66	18.58		
1.4	16QAM	3	1	18.66	18.66	18.65		
1.4	16QAM	3	3	18.61	18.64	18.64		
1.4	16QAM	6	0	18.66	18.62	18.65	19.5	0
1.4	64QAM	1	0	18.62	18.66	18.59	19.5	0
1.4	64QAM	1	3	18.61	18.69	18.68		
1.4	64QAM	1	5	18.57	18.67	18.59		
1.4	64QAM	3	0	18.64	18.61	18.69		
1.4	64QAM	3	1	18.60	18.70	18.63		
1.4	64QAM	3	3	18.67	18.66	18.62		
1.4	64QAM	6	0	18.62	18.65	18.63	19.5	0
1.4	256QAM	1	0	17.65	17.71	17.53	19	0.5
1.4	256QAM	1	3	17.47	17.68	17.52		
1.4	256QAM	1	5	17.45	17.56	17.48		
1.4	256QAM	3	0	17.52	17.71	17.54		
1.4	256QAM	3	1	17.59	17.66	17.62		
1.4	256QAM	3	3	17.49	17.74	17.47		
1.4	256QAM	6	0	17.51	17.56	17.60	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.41		19.4	0
10	QPSK	1	25		18.40			
10	QPSK	1	49		18.31			
10	QPSK	25	0		18.37		19.4	0
10	QPSK	25	12		18.32			
10	QPSK	25	25		18.36			
10	QPSK	50	0		18.33			
10	16QAM	1	0		18.34		19.4	0
10	16QAM	1	25		18.39			
10	16QAM	1	49		18.37			
10	16QAM	25	0		18.33		19.4	0
10	16QAM	25	12		18.33			
10	16QAM	25	25		18.37			
10	16QAM	50	0		18.38			
10	64QAM	1	0		18.38		19.4	0
10	64QAM	1	25		18.35			
10	64QAM	1	49		18.32			
10	64QAM	25	0		18.33		19.4	0
10	64QAM	25	12		18.37			
10	64QAM	25	25		18.35			
10	64QAM	50	0		18.40			
10	256QAM	1	0		18.35		19	0.4
10	256QAM	1	25		18.34			
10	256QAM	1	49		18.33			
10	256QAM	25	0		17.86		19	0.4
10	256QAM	25	12		17.89			
10	256QAM	25	25		17.88			
10	256QAM	50	0		17.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.30	18.32	18.35	19.4	0
5	QPSK	1	12	18.26	18.30	18.35		
5	QPSK	1	24	18.35	18.28	18.26		
5	QPSK	12	0	18.33	18.30	18.28	19.4	0
5	QPSK	12	7	18.27	18.35	18.28		
5	QPSK	12	13	18.33	18.29	18.28		
5	QPSK	25	0	18.29	18.31	18.28		
5	16QAM	1	0	18.34	18.32	18.35	19.4	0
5	16QAM	1	12	18.31	18.38	18.31		
5	16QAM	1	24	18.32	18.27	18.33		
5	16QAM	12	0	18.29	18.27	18.31	19.4	0
5	16QAM	12	7	18.32	18.27	18.30		
5	16QAM	12	13	18.35	18.31	18.28		
5	16QAM	25	0	18.27	18.38	18.31		
5	64QAM	1	0	18.36	18.27	18.27	19.4	0
5	64QAM	1	12	18.26	18.39	18.35		
5	64QAM	1	24	18.29	18.36	18.26		
5	64QAM	12	0	18.35	18.35	18.30	19.4	0
5	64QAM	12	7	18.32	18.36	18.31		
5	64QAM	12	13	18.29	18.35	18.30		
5	64QAM	25	0	18.25	18.30	18.33		
5	256QAM	1	0	17.85	17.99	17.89	19	0.4
5	256QAM	1	12	17.93	17.89	17.94		
5	256QAM	1	24	17.93	17.92	17.92		
5	256QAM	12	0	17.93	17.93	17.96	19	0.4
5	256QAM	12	7	17.90	17.98	17.88		
5	256QAM	12	13	17.89	17.99	17.94		
5	256QAM	25	0	17.96	17.97	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.25	18.36	18.32	19.2	0
20	QPSK	1	49	18.21	18.23	18.32		
20	QPSK	1	99	18.24	18.32	18.22		
20	QPSK	50	0	18.22	18.33	18.26	19.2	0
20	QPSK	50	24	18.21	18.30	18.26		
20	QPSK	50	50	18.21	18.24	18.21		
20	QPSK	100	0	18.27	18.29	18.23		
20	16QAM	1	0	18.26	18.31	18.26	19.2	0
20	16QAM	1	49	18.32	18.33	18.30		
20	16QAM	1	99	18.29	18.31	18.20		
20	16QAM	50	0	18.25	18.25	18.22	19.2	0
20	16QAM	50	24	18.26	18.33	18.23		
20	16QAM	50	50	18.23	18.31	18.21		
20	16QAM	100	0	18.32	18.27	18.22		
20	64QAM	1	0	18.20	18.24	18.29	19.2	0
20	64QAM	1	49	18.20	18.28	18.25		
20	64QAM	1	99	18.27	18.25	18.29		
20	64QAM	50	0	18.31	18.26	18.28	19.2	0
20	64QAM	50	24	18.26	18.28	18.24		
20	64QAM	50	50	18.31	18.33	18.30		
20	64QAM	100	0	18.30	18.29	18.21		
20	256QAM	1	0	17.79	17.87	17.79	19	0.2
20	256QAM	1	49	17.77	17.84	17.59		
20	256QAM	1	99	17.77	17.77	17.69		
20	256QAM	50	0	17.82	17.88	17.79	19	0.2
20	256QAM	50	24	17.81	17.82	17.76		
20	256QAM	50	50	17.80	17.76	17.70		
20	256QAM	100	0	17.73	17.77	17.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.22	18.23	18.21	19.2	0
15	QPSK	1	37	18.28	18.27	18.23		
15	QPSK	1	74	18.23	18.29	18.22		
15	QPSK	36	0	18.25	18.29	18.20	19.2	0
15	QPSK	36	20	18.21	18.24	18.24		
15	QPSK	36	39	18.21	18.27	18.22		
15	QPSK	75	0	18.24	18.25	18.27		
15	16QAM	1	0	18.26	18.21	18.20	19.2	0
15	16QAM	1	37	18.24	18.21	18.19		
15	16QAM	1	74	18.20	18.22	18.24		
15	16QAM	36	0	18.20	18.24	18.19	19.2	0
15	16QAM	36	20	18.28	18.23	18.26		
15	16QAM	36	39	18.24	18.23	18.20		
15	16QAM	75	0	18.27	18.21	18.24		
15	64QAM	1	0	18.21	18.27	18.22	19.2	0
15	64QAM	1	37	18.22	18.20	18.25		
15	64QAM	1	74	18.19	18.31	18.27		
15	64QAM	36	0	18.21	18.21	18.23	19.2	0
15	64QAM	36	20	18.18	18.28	18.17		
15	64QAM	36	39	18.19	18.24	18.22		
15	64QAM	75	0	18.24	18.28	18.26		
15	256QAM	1	0	17.68	17.82	17.70	19	0.2
15	256QAM	1	37	17.74	17.80	17.49		
15	256QAM	1	74	17.64	17.75	17.58		
15	256QAM	36	0	17.76	17.80	17.72	19	0.2
15	256QAM	36	20	17.70	17.79	17.69		
15	256QAM	36	39	17.72	17.65	17.56		
15	256QAM	75	0	17.70	17.63	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.24	18.26	18.25	19.2	0
10	QPSK	1	25	18.27	18.19	18.18		
10	QPSK	1	49	18.18	18.22	18.25		
10	QPSK	25	0	18.21	18.21	18.25	19.2	0
10	QPSK	25	12	18.26	18.30	18.27		
10	QPSK	25	25	18.26	18.31	18.22		
10	QPSK	50	0	18.29	18.26	18.17		
10	16QAM	1	0	18.28	18.19	18.17	19.2	0
10	16QAM	1	25	18.25	18.21	18.17		
10	16QAM	1	49	18.25	18.23	18.25		
10	16QAM	25	0	18.27	18.24	18.23	19.2	0
10	16QAM	25	12	18.27	18.20	18.23		
10	16QAM	25	25	18.21	18.28	18.28		
10	16QAM	50	0	18.26	18.25	18.19		
10	64QAM	1	0	18.27	18.26	18.20	19.2	0
10	64QAM	1	25	18.23	18.24	18.21		
10	64QAM	1	49	18.27	18.28	18.19		
10	64QAM	25	0	18.28	18.25	18.19	19.2	0
10	64QAM	25	12	18.27	18.23	18.21		
10	64QAM	25	25	18.23	18.23	18.21		
10	64QAM	50	0	18.28	18.27	18.22		
10	256QAM	1	0	17.73	17.84	17.71	19	0.2
10	256QAM	1	25	17.65	17.76	17.54		
10	256QAM	1	49	17.73	17.73	17.59		
10	256QAM	25	0	17.70	17.84	17.74	19	0.2
10	256QAM	25	12	17.74	17.78	17.64		
10	256QAM	25	25	17.73	17.68	17.61		
10	256QAM	50	0	17.70	17.68	17.63		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.19	18.21	18.27	19.2	0
5	QPSK	1	12	18.28	18.21	18.22		
5	QPSK	1	24	18.29	18.24	18.23		
5	QPSK	12	0	18.28	18.22	18.17	19.2	0
5	QPSK	12	7	18.26	18.23	18.22		
5	QPSK	12	13	18.19	18.24	18.23		
5	QPSK	25	0	18.22	18.24	18.17		
5	16QAM	1	0	18.22	18.25	18.22	19.2	0
5	16QAM	1	12	18.20	18.21	18.24		
5	16QAM	1	24	18.27	18.23	18.21		
5	16QAM	12	0	18.19	18.23	18.23	19.2	0
5	16QAM	12	7	18.22	18.25	18.24		
5	16QAM	12	13	18.17	18.28	18.19		
5	16QAM	25	0	18.22	18.28	18.20		
5	64QAM	1	0	18.28	18.27	18.26	19.2	0
5	64QAM	1	12	18.22	18.30	18.19		
5	64QAM	1	24	18.20	18.20	18.26		
5	64QAM	12	0	18.28	18.23	18.23	19.2	0
5	64QAM	12	7	18.26	18.29	18.25		
5	64QAM	12	13	18.17	18.28	18.21		
5	64QAM	25	0	18.25	18.30	18.20		
5	256QAM	1	0	17.73	17.74	17.67	19	0.2
5	256QAM	1	12	17.68	17.74	17.51		
5	256QAM	1	24	17.72	17.73	17.59		
5	256QAM	12	0	17.73	17.76	17.66	19	0.2
5	256QAM	12	7	17.70	17.70	17.72		
5	256QAM	12	13	17.73	17.64	17.57		
5	256QAM	25	0	17.65	17.66	17.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.29	18.29	18.19	19.2	0
3	QPSK	1	8	18.21	18.29	18.19		
3	QPSK	1	14	18.24	18.22	18.27		
3	QPSK	8	0	18.19	18.26	18.27	19.2	0
3	QPSK	8	4	18.20	18.19	18.22		
3	QPSK	8	7	18.17	18.22	18.20		
3	QPSK	15	0	18.27	18.29	18.25		
3	16QAM	1	0	18.21	18.21	18.20	19.2	0
3	16QAM	1	8	18.28	18.31	18.27		
3	16QAM	1	14	18.29	18.23	18.26		
3	16QAM	8	0	18.17	18.28	18.18	19.2	0
3	16QAM	8	4	18.26	18.19	18.18		
3	16QAM	8	7	18.18	18.24	18.23		
3	16QAM	15	0	18.20	18.19	18.25		
3	64QAM	1	0	18.27	18.27	18.19	19.2	0
3	64QAM	1	8	18.19	18.29	18.20		
3	64QAM	1	14	18.22	18.24	18.28

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.01	19.03	18.98	19.9	0
20	QPSK	1	49	18.90	18.94	18.88		
20	QPSK	1	99	18.97	18.96	18.89		
20	QPSK	50	0	18.95	18.99	18.88	19.9	0
20	QPSK	50	24	18.88	18.91	18.97		
20	QPSK	50	50	18.96	18.98	18.89		
20	QPSK	100	0	18.97	18.98	18.91		
20	16QAM	1	0	18.91	18.96	18.90	19.9	0
20	16QAM	1	49	18.98	18.93	18.98		
20	16QAM	1	99	18.90	18.92	18.89		
20	16QAM	50	0	18.94	18.97	18.93	19.9	0
20	16QAM	50	24	18.89	18.96	18.94		
20	16QAM	50	50	18.91	18.95	18.97		
20	16QAM	100	0	18.97	18.89	18.98		
20	64QAM	1	0	18.98	18.91	18.97	19.9	0
20	64QAM	1	49	18.91	18.95	18.93		
20	64QAM	1	99	18.92	18.91	18.87		
20	64QAM	50	0	18.95	18.99	18.88	19.9	0
20	64QAM	50	24	18.95	18.95	18.92		
20	64QAM	50	50	18.99	19.00	18.92		
20	64QAM	100	0	18.98	18.89	18.88		
20	256QAM	1	0	18.39	18.46	18.44	19.9	0
20	256QAM	1	49	18.45	18.44	18.26		
20	256QAM	1	99	18.29	18.53	18.36		
20	256QAM	50	0	18.30	18.48	18.39	19.9	0
20	256QAM	50	24	18.49	18.45	18.46		
20	256QAM	50	50	18.34	18.46	18.24		
20	256QAM	100	0	18.26	18.38	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.98	18.91	18.95	19.9	0
15	QPSK	1	37	18.91	18.91	18.89		
15	QPSK	1	74	18.93	18.94	18.90		
15	QPSK	36	0	18.94	19.00	18.91	19.9	0
15	QPSK	36	20	18.89	18.97	18.96		
15	QPSK	36	39	18.95	18.99	18.94		
15	QPSK	75	0	18.93	18.94	18.94		
15	16QAM	1	0	18.88	18.91	18.99	19.9	0
15	16QAM	1	37	18.89	18.96	18.96		
15	16QAM	1	74	18.98	18.96	18.87		
15	16QAM	36	0	18.98	18.95	18.98	19.9	0
15	16QAM	36	20	18.94	18.90	18.97		
15	16QAM	36	39	18.97	18.96	18.95		
15	16QAM	75	0	18.96	19.00	18.87		
15	64QAM	1	0	18.91	18.96	18.88	19.9	0
15	64QAM	1	37	18.95	18.96	18.94		
15	64QAM	1	74	18.91	19.00	18.96		
15	64QAM	36	0	18.97	19.01	18.91	19.9	0
15	64QAM	36	20	18.98	18.91	18.96		
15	64QAM	36	39	18.91	18.94	18.89		
15	64QAM	75	0	18.97	18.98	18.87		
15	256QAM	1	0	18.28	18.39	18.38	19.9	0
15	256QAM	1	37	18.32	18.34	18.11		
15	256QAM	1	74	18.22	18.46	18.27		
15	256QAM	36	0	18.24	18.39	18.35	19.9	0
15	256QAM	36	20	18.34	18.34	18.32		
15	256QAM	36	39	18.25	18.40	18.14		
15	256QAM	75	0	18.13	18.23	18.33		
Channel				37900	38000	38100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.91	18.92	18.93	19.9	0
10	QPSK	1	25	18.90	18.98	18.91		
10	QPSK	1	49	18.93	18.92	18.88		
10	QPSK	25	0	18.93	18.89	18.97	19.9	0
10	QPSK	25	12	18.93	18.89	18.93		
10	QPSK	25	25	18.91	18.98	18.92		
10	QPSK	50	0	18.93	18.92	18.90		
10	16QAM	1	0	18.93	18.94	18.95	19.9	0
10	16QAM	1	25	18.90	18.93	18.89		
10	16QAM	1	49	18.87	18.93	18.90		
10	16QAM	25	0	18.98	19.00	18.95	19.9	0
10	16QAM	25	12	18.91	18.96	18.98		
10	16QAM	25	25	18.87	18.91	18.87		
10	16QAM	50	0	18.87	18.93	18.95		
10	64QAM	1	0	18.92	18.93	18.91	19.9	0
10	64QAM	1	25	18.88	18.97	18.90		
10	64QAM	1	49	18.88	19.00	18.96		
10	64QAM	25	0	18.96	19.00	18.91	19.9	0
10	64QAM	25	12	18.98	18.96	18.92		
10	64QAM	25	25	18.95	19.00	18.99		
10	64QAM	50	0	18.91	18.95	18.97		
10	256QAM	1	0	18.23	18.30	18.35	19.9	0
10	256QAM	1	25	18.38	18.36	18.10		
10	256QAM	1	49	18.18	18.46	18.21		
10	256QAM	25	0	18.19	18.41	18.24	19.9	0
10	256QAM	25	12	18.44	18.36	18.31		
10	256QAM	25	25	18.27	18.36	18.20		
10	256QAM	50	0	18.12	18.29	18.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.87	18.94	18.89	19.9	0
5	QPSK	1	12	18.91	18.92	18.88		
5	QPSK	1	24	18.88	19.00	18.94		
5	QPSK	12	0	18.90	18.93	18.97	19.9	0
5	QPSK	12	7	18.94	18.99	18.97		
5	QPSK	12	13	18.96	18.91	18.95		
5	QPSK	25	0	18.88	18.95	18.92		
5	16QAM	1	0	18.98	19.00	18.88	19.9	0
5	16QAM	1	12	18.91	18.89	18.87		
5	16QAM	1	24	18.91	18.94	18.93		
5	16QAM	12	0	18.99	18.93	18.94	19.9	0
5	16QAM	12	7	18.88	18.95	18.98		
5	16QAM	12	13	18.87	18.95	18.90		
5	16QAM	25	0	18.99	18.94	18.97		
5	64QAM	1	0	18.91	18.92	18.97	19.9	0
5	64QAM	1	12	18.99	18.96	18.99		
5	64QAM	1	24	18.95	18.92	18.97		
5	64QAM	12	0	18.91	18.93	18.88	19.9	0
5	64QAM	12	7	18.99	18.95	18.95		
5	64QAM	12	13	18.99	18.95	18.90		
5	64QAM	25	0	18.89	18.91	18.88		
5	256QAM	1	0	18.25	18.39	18.35	19.9	0
5	256QAM	1	12	18.36	18.32	18.18		
5	256QAM	1	24	18.15	18.49	18.29		
5	256QAM	12	0	18.20	18.39	18.26	19.9	0
5	256QAM	12	7	18.43	18.30	18.33		
5	256QAM	12	13	18.25	18.41	18.15		
5	256QAM	25	0	18.19	18.31	18.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.95	19.06	19.07	18.95	18.91	19.9	0
20	QPSK	1	49	18.99	18.94	18.92	18.95	19.01		
20	QPSK	1	99	18.99	19.02	19.00	18.97	18.95		
20	QPSK	50	0	18.92	18.97	19.04	18.94	19.02	19.9	0
20	QPSK	50	24	19.01	18.98	19.00	19.00	18.91		
20	QPSK	50	50	18.97	18.91	18.92	19.02	18.96		
20	QPSK	100	0	18.93	18.99	19.03	18.90	18.97		
20	16QAM	1	0	18.99	18.98	18.92	18.95	19.00	19.9	0
20	16QAM	1	49	18.96	18.98	19.03	18.99	18.90		
20	16QAM	1	99	18.96	18.93	18.98	18.94	18.90		
20	16QAM	50	0	19.02	18.99	18.92	18.98	18.91	19.9	0
20	16QAM	50	24	19.01	18.99	19.03	19.02	18.95		
20	16QAM	50	50	19.01	18.94	19.00	19.00	19.02		
20	16QAM	100	0	19.01	18.96	19.02	19.00	18.96		
20	64QAM	1	0	19.00	18.92	19.03	18.91	18.93	19.9	0
20	64QAM	1	49	19.01	18.96	18.97	18.92	18.94		
20	64QAM	1	99	19.00	18.98	19.02	18.98	18.91		
20	64QAM	50	0	18.91	18.92	19.00	19.01	18.98	19.9	0
20	64QAM	50	24	18.94	18.98	18.97	18.98	18.99		
20	64QAM	50	50	18.91	18.98	19.04	18.98	18.92		
20	64QAM	100	0	18.98	18.98	18.98	19.00	19.02		
20	256QAM	1	0	18.83	18.91	18.94	18.98	18.82	19.9	0
20	256QAM	1	49	18.68	18.89	18.91	18.78	18.73		
20	256QAM	1	99	18.87	18.84	19.03	18.90	18.76		
20	256QAM	50	0	18.87	18.85	18.93	18.94	18.85	19.9	0
20	256QAM	50	24	18.91	19.02	18.93	18.91	18.85		
20	256QAM	50	50	18.81	18.83	18.94	18.72	18.83		
20	256QAM	100	0	18.83	18.81	18.88	18.82	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.90	18.97	18.90	18.89	18.94	20	0
15	QPSK	1	37	18.94	18.87	18.99	18.94	18.89		
15	QPSK	1	74	18.89	18.98	18.94	18.99	18.87		
15	QPSK	36	0	18.93	18.91	18.95	18.98	18.99	19.9	0
15	QPSK	36	20	18.93	18.89	18.90	18.99	18.90		
15	QPSK	36	39	18.95	18.88	18.93	18.88	18.93		
15	QPSK	75	0	18.93	18.95	18.95	18.87	18.88		
15	16QAM	1	0	18.94	18.94	18.90	18.98	18.95	19.9	0
15	16QAM	1	37	18.88	18.96	18.97	18.97	18.98		
15	16QAM	1	74	18.96	18.88	18.92	18.93	18.88		
15	16QAM	36	0	18.96	18.99	18.90	18.95	18.94	19.9	0
15	16QAM	36	20	18.89	18.88	18.91	18.97	18.93		
15	16QAM	36	39	18.99	18.92	18.89	18.88	18.98		
15	16QAM	75	0	18.98	18.88	19.00	18.91	18.98		
15	64QAM	1	0	18.87	18.91	18.93	18.97	18.91	19.9	0
15	64QAM	1	37	18.97	18.93	18.95	18.88	18.91		
15	64QAM	1	74	18.93	18.89	18.98	18.96	18.91		
15	64QAM	36	0	18.92	18.91	18.97	18.97	18.89	19.9	0
15	64QAM	36	20	18.99	18.92	18.91	18.91	18.95		
15	64QAM	36	39	18.91	18.95	18.94	18.94	18.97		
15	64QAM	75	0	18.97	18.91	18.99	18.91	18.97		
15	256QAM	1	0	18.74	18.86	18.84	18.93	18.70	19.9	0
15	256QAM	1	37	18.57	18.83	18.80	18.66	18.64		
15	256QAM	1	74	18.74	18.75	18.97	18.83	18.64		
15	256QAM	36	0	18.80	18.77	18.85	18.85	18.79	19.9	0
15	256QAM	36	20	18.86	18.96	18.79	18.89	18.78		
15	256QAM	36	39	18.75	18.80	18.81	18.70	18.78		
15	256QAM	75	0	18.80	18.69	18.83	18.72	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.90	18.95	18.95	18.95	18.99	20	0
10	QPSK	1	25	18.90	18.98	18.97	18.94	18.88		
10	QPSK	1	49	18.95	18.96	19.00	18.90	18.97		
10	QPSK	25	0	18.94	18.98	18.97	18.91	18.89	19.9	0
10	QPSK	25	12	18.96	18.97	18.90	18.97	18.98		
10	QPSK	25	25	18.90	18.96	18.94	18.91	18.95		
10	QPSK	50	0	18.88	18.91	19.00	18.97	18.93		
10	16QAM	1	0	18.91	18.92	18.92	18.87	18.91	19.9	0
10	16QAM	1	25	18.97	18.96	18.98	18.91	18.95		
10	16QAM	1	49	18.93	18.97	18.97	18.95	18.92		
10	16QAM	25	0	18.96	18.94	18.92	18.91	18.88	19.9	0
10	16QAM	25	12	18.92	18.97	19.00	18.92	18.99		
10	16QAM	25	25	18.88	18.90	18.92	18.94	18.92		
10	16QAM	50	0	18.90	18.98	18.90	18.96	18.91		
10	64QAM	1	0	18.98	18.88	18.95	18.89	18.93	19.9	0
10	64QAM	1	25	18.96	18.87	18.94	18.94	18.91		
10	64QAM	1	49	18.92	18.94	18.91	18.87	18.98		
10	64QAM	25	0	18.97	18.90	18.99	18.88	18.89	19.9	0
10	64QAM	25	12	18.89	18.94	18.99	18.89	18.90		
10	64QAM	25	25	18.96	18.90	18.96	18.87	18.87		
10	64QAM	50	0	18.89	18.97	18.96	18.99	18.95		
10	256QAM	1	0	18.75	18.82	18.85	18.87	18.78	19.9	0
10	256QAM	1	25	18.60	18.85	18.84	18.67	18.62		
10	256QAM	1	49	18.73	18.80	18.92	18.83	18.69		
10	256QAM	25	0	18.74	18.75	18.83	18.88	18.73	19.9	0
10	256QAM	25	12	18.79	19.00	18.84	18.85	18.76		
10	256QAM	25	25	18.68	18.79	18.84	18.68	18.77		
10	256QAM	50	0	18.70	18.72	18.86	18.68	18.68		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.93	18.89	18.91	18.87	18.91	20	0
5	QPSK	1	12	18.89	18.92	18.91	18.87	18.96		
5	QPSK	1	24	18.93	18.93	19.00	18.92	18.95		
5	QPSK	12	0	18.96	18.92	18.99	18.91	18.98	19.9	0
5	QPSK	12	7	18.98	18.97	18.99	18.96	18.90		
5	QPSK	12	13	18.99	18.97	18.93	18.90	18.99		
5	QPSK	25	0	18.92	18.95	18.97	18.98	18.95		
5	16QAM	1	0	18.92	18.90	18.94	18.95	18.95	19.9	0
5	16QAM	1	12	18.90	18.98	19.00	18.92	18.91		
5	16QAM	1	24	18.97	18.93	18.95	18.92	18.90		
5	16QAM	12	0	18.95	18.89	18.98	18.95	18.92	19.9	0
5	16QAM	12	7	18.96	18.87	19.00	18.92	18.96		
5	16QAM	12	13	18.97	18.93	18.92	18.96	18.92		
5	16QAM	25	0	18.93	18.94	19.00	18.92	18.88		
5	64QAM	1	0	18.87	18.89	18.98	18.98	18.89	19.9	0
5	64QAM	1	12	18.99	18.93	18.96	18.94	18.87		
5	64QAM	1	24	18.99	18.98	18.92	18.99	18.94		
5	64QAM	12	0	18.89	18.97	19.00	18.88	18.92	19.9	0
5	64QAM	12	7	18.91	18.90	18.96	18.95	18.88		
5	64QAM	12	13	18.96	18.98	19.00	18.93	18.98		
5	64QAM	25	0	18.89	18.96	18.94	18.92	18.87		
5	256QAM	1	0	18.70	18.77	18.90	18.92	18.79	19.9	0
5	256QAM	1	12	18.59	18.82	18.87	18.65	18.63		
5	256QAM	1	24	18.80	18.78	18.91	18.79	18.64		
5	256QAM	12	0	18.74	18.71	18.88	18.82	18.79	19.9	0
5	256QAM	12	7	18.86	18.95	18.81	18.86	18.80		
5	256QAM	12	13	18.76	18.92	18.68	18.73			
5	256QAM	25	0	18.76	18.78	18.74	18.69	18.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.53	20.57	20.51	20.53	21.5	0
20	QPSK	1	49	20.44	20.48	20.44	20.54	20.51		
20	QPSK	1	99	20.54	20.46	20.49	20.46	20.48		
20	QPSK	50	0	20.46	20.45	20.54	20.42	20.42	21.5	0
20	QPSK	50	24	20.52	20.45	20.49	20.45	20.52		
20	QPSK	50	50	20.44	20.47	20.53	20.46	20.48		
20	QPSK	100	0	20.46	20.48	20.53	20.51	20.52		
20	16QAM	1	0	20.42	20.53	20.52	20.53	20.50	21.5	0
20	16QAM	1	49	20.46	20.47	20.46	20.53	20.52		
20	16QAM	1	99	20.46	20.46	20.52	20.47	20.53		
20	16QAM	50	0	20.48	20.47	20.46	20.50	20.52	21.5	0
20	16QAM	50	24	20.53	20.46	20.54	20.43	20.45		
20	16QAM	50	50	20.44	20.43	20.51	20.43	20.49		
20	16QAM	100	0	20.47	20.46	20.44	20.54	20.44		
20	64QAM	1	0	20.45	20.50	20.53	20.42	20.48	21.5	0
20	64QAM	1	49	20.45	20.48	20.48	20.52	20.50		
20	64QAM	1	99	20.54	20.52	20.50	20.51	20.45		
20	64QAM	50	0	20.47	20.53	20.45	20.52	20.49	21.5	0
20	64QAM	50	24	20.52	20.44	20.50	20.48	20.52		
20	64QAM	50	50	20.52	20.51	20.52	20.42	20.51		
20	64QAM	100	0	20.49	20.48	20.55	20.52	20.45		
20	256QAM	1	0	20.47	20.45	20.48	20.48	20.54	21.5	0
20	256QAM	1	49	20.43	20.43	20.46	20.53	20.45		
20	256QAM	1	99	20.50	20.52	20.50	20.49	20.54		
20	256QAM	50	0	20.43	20.52	20.47	20.48	20.45	21.5	0
20	256QAM	50	24	20.50	20.50	20.45	20.47	20.47		
20	256QAM	50	50	20.47	20.53	20.49	20.46	20.43		
20	256QAM	100	0	20.47	20.50	20.48	20.46	20.44		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.45	20.48	20.46	20.54	20.46	22	0
15	QPSK	1	37	20.46	20.54	20.47	20.43	20.43		
15	QPSK	1	74	20.51	20.44	20.47	20.53	20.48		
15	QPSK	36	0	20.44	20.44	20.50	20.42	20.43	21.5	0
15	QPSK	36	20	20.49	20.48	20.45	20.50	20.53		
15	QPSK	36	39	20.51	20.54	20.46	20.52	20.49		
15	QPSK	75	0	20.53	20.45	20.56	20.53	20.49		
15	16QAM	1	0	20.53	20.45	20.53	20.42	20.52	21.5	0
15	16QAM	1	37	20.54	20.45	20.48	20.49	20.52		
15	16QAM	1	74	20.49	20.43	20.52	20.53	20.44		
15	16QAM	36	0	20.47	20.45	20.54	20.52	20.53	21.5	0
15	16QAM	36	20	20.53	20.43	20.51	20.54	20.45		
15	16QAM	36	39	20.44	20.48	20.49	20.48	20.51		
15	16QAM	75	0	20.42	20.47	20.45	20.49	20.44		
15	64QAM	1	0	20.45	20.54	20.55	20.43	20.49	21.5	0
15	64QAM	1	37	20.45	20.51	20.48	20.51	20.49		
15	64QAM	1	74	20.47	20.51	20.52	20.52	20.46		
15	64QAM	36	0	20.46	20.49	20.46	20.46	20.45	21.5	0
15	64QAM	36	20	20.53	20.52	20.48	20.54	20.49		
15	64QAM	36	39	20.46	20.43	20.44	20.46	20.54		
15	64QAM	75	0	20.44	20.53	20.54	20.50	20.53		
15	256QAM	1	0	20.44	20.49	20.53	20.49	20.52	21.5	0
15	256QAM	1	37	20.44	20.49	20.52	20.52	20.42		
15	256QAM	1	74	20.50	20.52	20.56	20.53	20.48		
15	256QAM	36	0	20.53	20.48	20.56	20.47	20.42	21.5	0
15	256QAM	36	20	20.46	20.44	20.48	20.49	20.53		
15	256QAM	36	39	20.46	20.53	20.53	20.45	20.53		
15	256QAM	75	0	20.52	20.47	20.55	20.47	20.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.42	20.45	20.48	20.53	20.52	22	0
10	QPSK	1	25	20.46	20.47	20.51	20.45	20.45		
10	QPSK	1	49	20.49	20.50	20.46	20.44	20.44		
10	QPSK	25	0	20.45	20.51	20.53	20.52	20.44	21.5	0
10	QPSK	25	12	20.49	20.52	20.47	20.51	20.52		
10	QPSK	25	25	20.47	20.46	20.46	20.47	20.48		
10	QPSK	50	0	20.54	20.45	20.52	20.47	20.51		
10	16QAM	1	0	20.53	20.45	20.44	20.50	20.42	21.5	0
10	16QAM	1	25	20.49	20.48	20.48	20.51	20.54		
10	16QAM	1	49	20.48	20.42	20.51	20.53	20.51		
10	16QAM	25	0	20.48	20.49	20.52	20.52	20.51	21.5	0
10	16QAM	25	12	20.54	20.54	20.47	20.50	20.48		
10	16QAM	25	25	20.52	20.43	20.54	20.47	20.42		
10	16QAM	50	0	20.50	20.49	20.55	20.50	20.43

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.55	18.57	18.52		
20	QPSK	1	49	18.53	18.51	18.43	19.6	0
20	QPSK	1	99	18.50	18.45	18.43		
20	QPSK	50	0	18.54	18.56	18.52		
20	QPSK	50	24	18.45	18.52	18.50	19.6	0
20	QPSK	50	50	18.51	18.49	18.43		
20	QPSK	100	0	18.50	18.54	18.52		
20	16QAM	1	0	18.47	18.49	18.44		
20	16QAM	1	49	18.46	18.46	18.50	19.6	0
20	16QAM	1	99	18.43	18.50	18.46		
20	16QAM	50	0	18.48	18.51	18.49		
20	16QAM	50	24	18.52	18.53	18.44	19.6	0
20	16QAM	50	50	18.53	18.48	18.49		
20	16QAM	100	0	18.47	18.53	18.47		
20	64QAM	1	0	18.49	18.51	18.50		
20	64QAM	1	49	18.53	18.47	18.45	19.6	0
20	64QAM	1	99	18.54	18.47	18.48		
20	64QAM	50	0	18.52	18.51	18.53		
20	64QAM	50	24	18.47	18.49	18.48	19.6	0
20	64QAM	50	50	18.48	18.54	18.46		
20	64QAM	100	0	18.45	18.54	18.51		
20	256QAM	1	0	17.92	17.97	17.89		
20	256QAM	1	49	17.75	18.00	17.73	19	0.6
20	256QAM	1	99	17.93	17.88	17.87		
20	256QAM	50	0	17.93	17.89	17.85		
20	256QAM	50	24	17.98	17.89	17.94	19	0.6
20	256QAM	50	50	17.79	17.90	17.72		
20	256QAM	100	0	17.78	17.99	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.47	18.46	18.48		
15	QPSK	1	37	18.52	18.47	18.51	19.6	0
15	QPSK	1	74	18.49	18.52	18.43		
15	QPSK	36	0	18.44	18.55	18.47		
15	QPSK	36	20	18.49	18.47	18.43	19.6	0
15	QPSK	36	39	18.51	18.47	18.46		
15	QPSK	75	0	18.45	18.52	18.48		
15	16QAM	1	0	18.46	18.48	18.53		
15	16QAM	1	37	18.46	18.44	18.51	19.6	0
15	16QAM	1	74	18.43	18.51	18.44		
15	16QAM	36	0	18.49	18.47	18.54		
15	16QAM	36	20	18.53	18.45	18.53	19.6	0
15	16QAM	36	39	18.47	18.53	18.51		
15	16QAM	75	0	18.53	18.50	18.46		
15	64QAM	1	0	18.52	18.50	18.52		
15	64QAM	1	37	18.46	18.50	18.42	19.6	0
15	64QAM	1	74	18.53	18.45	18.45		
15	64QAM	36	0	18.44	18.48	18.48		
15	64QAM	36	20	18.53	18.45	18.49	19.6	0
15	64QAM	36	39	18.54	18.53	18.47		
15	64QAM	75	0	18.46	18.53	18.48		
15	256QAM	1	0	17.84	17.88	17.86		
15	256QAM	1	37	17.85	17.96	17.70	19	0.6
15	256QAM	1	74	17.81	17.85	17.81		
15	256QAM	36	0	17.85	17.86	17.71		
15	256QAM	36	20	17.85	17.76	17.86	19	0.6
15	256QAM	36	39	17.85	17.79	17.70		
15	256QAM	75	0	17.75	17.92	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.52	18.47	18.51		
10	QPSK	1	25	18.52	18.47	18.52	19.6	0
10	QPSK	1	49	18.47	18.52	18.48		
10	QPSK	25	0	18.50	18.53	18.47		
10	QPSK	25	12	18.51	18.49	18.48	19.6	0
10	QPSK	25	25	18.47	18.51	18.54		
10	QPSK	50	0	18.43	18.51	18.50		
10	16QAM	1	0	18.44	18.45	18.47		
10	16QAM	1	25	18.42	18.49	18.53	19.6	0
10	16QAM	1	49	18.53	18.53	18.51		
10	16QAM	25	0	18.43	18.55	18.54		
10	16QAM	25	12	18.53	18.47	18.50	19.6	0
10	16QAM	25	25	18.47	18.55	18.53		
10	16QAM	50	0	18.47	18.49	18.53		
10	64QAM	1	0	18.47	18.51	18.45		
10	64QAM	1	25	18.53	18.56	18.53	19.6	0
10	64QAM	1	49	18.53	18.53	18.43		
10	64QAM	25	0	18.52	18.54	18.44		
10	64QAM	25	12	18.49	18.45	18.51	19.6	0
10	64QAM	25	25	18.44	18.48	18.53		
10	64QAM	50	0	18.48	18.53	18.54		
10	256QAM	1	0	17.85	17.86	17.76		
10	256QAM	1	25	17.63	17.94	17.67	19	0.6
10	256QAM	1	49	17.87	17.75	17.74		
10	256QAM	25	0	17.84	17.78	17.74		
10	256QAM	25	12	17.86	17.76	17.81	19	0.6
10	256QAM	25	25	17.70	17.77	17.67		
10	256QAM	50	0	17.70	17.94	17.74		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.45	18.53	18.42		
5	QPSK	1	12	18.48	18.50	18.54	19.6	0
5	QPSK	1	24	18.47	18.54	18.53		
5	QPSK	12	0	18.44	18.45	18.52		
5	QPSK	12	7	18.42	18.51	18.51	19.6	0
5	QPSK	12	13	18.42	18.50	18.51		
5	QPSK	25	0	18.53	18.51	18.49		
5	16QAM	1	0	18.46	18.53	18.48		
5	16QAM	1	12	18.48	18.50	18.42	19.6	0
5	16QAM	1	24	18.48	18.46	18.45		
5	16QAM	12	0	18.48	18.44	18.43		
5	16QAM	12	7	18.48	18.50	18.48	19.6	0
5	16QAM	12	13	18.52	18.46	18.47		
5	16QAM	25	0	18.53	18.52	18.43		
5	64QAM	1	0	18.50	18.54	18.52		
5	64QAM	1	12	18.42	18.47	18.43	19.6	0
5	64QAM	1	24	18.46	18.55	18.51		
5	64QAM	12	0	18.50	18.50	18.49		
5	64QAM	12	7	18.46	18.44	18.45	19.6	0
5	64QAM	12	13	18.51	18.48	18.54		
5	64QAM	25	0	18.43	18.49	18.51		
5	256QAM	1	0	17.85	17.85	17.76		
5	256QAM	1	12	17.71	17.90	17.69	19	0.6
5	256QAM	1	24	17.90	17.82	17.76		
5	256QAM	12	0	17.84	17.86	17.81		
5	256QAM	12	7	17.96	17.80	17.80	19	0.6
5	256QAM	12	13	17.67	17.83	17.64		
5	256QAM	25	0	17.70	17.92	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.46	18.54	18.49		
3	QPSK	1	8	18.53	18.49	18.42	19.6	0
3	QPSK	1	14	18.49	18.45	18.53		
3	QPSK	8	0	18.43	18.50	18.47		
3	QPSK	8	4	18.43	18.53	18.45	19.6	0
3	QPSK	8	7	18.46	18.49	18.45		
3	QPSK	15	0	18.45	18.53	18.53		
3	16QAM	1	0	18.49	18.48	18.51		
3	16QAM	1	8	18.45	18.54	18.45	19.6	0
3	16QAM	1	14	18.45	18.46	18.50		
3	16QAM	8	0	18.49	18.47	18.52		
3	16QAM	8	4	18.49	18.51	18.54	19.6	0
3	16QAM	8	7	18.48	18.53	18.47		
3	16QAM	15	0	18.44	18.46	18.47		
3	64QAM	1	0	18.45	18.54	18.47		
3	64QAM	1	8	18.44	18.46	18.47	19.6	0
3	64QAM	1	14	18.45	18.48	18.47		
3	64QAM	8	0	18.50	18.52	18.52		
3	64QAM	8	4	18.43	18.48	18.44	19.6	0
3	64QAM	8	7	18.54	18.52	18.45		
3	64QAM	15	0	18.49	18.53	18.47		
3	256QAM	1	0	17.78	17.93	17.80		
3	256QAM	1	8	17.67	17.97	17.70	19	0.6
3	256QAM	1	14	17.79	17.82	17.78		
3	256QAM	8	0	17.86	17.84	17.79		
3	256QAM	8	4	17.90	17.78	17.87	19	0.6
3	256QAM	8	7	17.68	17.87	17.61		
3	256QAM	15	0	17.67	17.93	17.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.48	18.54	18.50		
1.4	QPSK	1	3	18.51	18.50	18.54	19.6	0
1.4	QPSK	1	5	18.51	18.49	18.47		
1.4	QPSK	3	0	18.53	18.48	18.43		
1.4	QPSK	3	1	18.54	18.49	18.43		
1.4	QPSK	3	3	18.49	18.45	18.50		
1.4	QPSK	6	0	18.49	18.53	18.48	19.6	0
1.4	16QAM	1	0	18.42	18.44	18.51		
1.4	16QAM	1	3	18.46	18.56	18.51	19.6	0
1.4	16QAM	1	5	18.48	18.44	18.45		
1.4	16QAM	3	0	18.43	18.49	18.42		
1.4	16QAM	3	1	18.46	18.48	18.48		
1.4	16QAM	3	3	18.53	18.52	18.49		
1.4	16QAM	6	0	18.48	18.49	18.53	19.6	0
1.4	64QAM	1	0	18.46	18.45	18.47		
1.4	64QAM	1	3	18.46	18.45	18.53	19.6	0
1.4	64QAM	1	5	18.49	18.50	18.45		
1.4	64QAM	3	0	18.54	18.46	18.44		
1.4	64QAM	3	1	18.45	18.46	18.53		
1.4	64QAM	3	3	18.48	18.47	18.54		
1.4	64QAM	6	0	18.46	18.51	18.42	19.6	0
1.4	256QAM	1	0	17.84	17.88	17.78		
1.4	256QAM	1	3	17.72	17.90	17.59		
1.4	256QAM	1	5	17.81	17.77	17.74	19	0.6
1.4	256QAM	3	0	17.82	17.83	17.80		
1.4	256QAM	3	1	17.88	17.80	17.89		
1.4	256QAM	3	3	17.71	17.80	17.67		
1.4	256QAM	6	0	17.68	17.91	17.71	19	0.6

Band 4 Ant 3 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.90	19.03	18.99		
20	QPSK	1	49	18.91	18.97	18.97	20.1	0
20	QPSK	1	99	18.89	19.01	18.95		
20	QPSK	50	0	18.91	19.02	18.99		
20	QPSK	50	24	18.94	19.01	18.95	20.1	0
20	QPSK	50	50	19.00	19.01	18.98		
20	QPSK	100	0	18.92	18.96	18.88		
20	16QAM	1	0	18.90	19.00	18.92		
20	16QAM	1	49	18.89	18.94	18.99	20.1	0
20	16QAM	1	99	18.97	18.93	18.93		
20	16QAM	50	0	18.96	19.01	18.95		
20	16QAM	50	24	18.97	19.01	18.92	20.1	0
20	16QAM	50	50	18.96	18.92	18.99		
20	16QAM	100	0	18.95	18.95	18.93		
20	64QAM	1	0	18.98	19.01	18.91		
20	64QAM	1	49	19.00	18.91	18.91	20.1	0
20	64QAM	1	99	18.92	18.98	18.95		
20	64QAM	50	0	18.91	18.93	18.93		
20	64QAM	50	24	18.91	18.94	18.92	20.1	0
20	64QAM	50	50	18.97	18.99	18.92		
20	64QAM	100	0	18.91	18.93	18.92		
20	256QAM	1	0	17.45	17.57	17.54		
20	256QAM	1	49	17.41	17.54	17.46	19	1.1
20	256QAM	1	99	17.39	17.44	17.42		
20	256QAM	50	0	17.42	17.50	17.50		
20	256QAM	50	24	17.44	17.51	17.53	19	1.1
20	256QAM	50	50	17.36	17.52	17.52		
20	256QAM	100	0	17.43	17.51	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.98	18.94	18.91		
15	QPSK	1	37	18.96	18.90	18.89	20.1	0
15	QPSK	1	74	18.99	18.96	18.99		
15	QPSK	36	0	18.89	18.99	18.96		
15	QPSK	36	20	18.95	19.01	18.91	20.1	0
15	QPSK	36	39	18.95	18.94	18.96		
15	QPSK	75	0	19.00	18.95	18.91		
15	16QAM	1	0	18.92	18.94	18.89		
15	16QAM	1	37	18.99	18.99	18.91	20.1	0
15	16QAM	1	74	18.90	18.99	18.90		
15	16QAM	36	0	18.93	18.94	18.88		
15	16QAM	36	20	18.98	19.00	18.93	20.1	0
15	16QAM	36	39	18.95	18.95	18.91		
15	16QAM	75	0	18.96	18.90	18.97		
15	64QAM	1	0	18.91	18.93	18.98		
15	64QAM	1	37	18.92	18.91	18.88	20.1	0
15	64QAM	1	74	18.96	18.96	18.92		
15	64QAM	36	0	18.95	18.96	18.92		
15	64QAM	36	20	18.97	18.95	18.94	20.1	0
15	64QAM	36	39	18.89	18.97	18.97		
15	64QAM	75	0	19.00	18.98	18.95		
15	256QAM	1	0	17.34	17.46	17.41		
15	256QAM	1	37	17.31	17.47	17.42	19	1.1
15	256QAM	1	74	17.26	17.39	17.32		
15	256QAM	36	0	17.32	17.36	17.36		
15	256QAM	36	20	17.33	17.41	17.39	19	1.1
15	256QAM	36	39	17.24	17.45	17.45		
15	256QAM	75	0	17.40	17.44	17.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.94	18.99	18.93		
10	QPSK	1	25	18.93	18.99	18.97	20.1	0
10	QPSK	1	49	18.99	18.98	18.95		
10	QPSK	25	0	19.00	18.99	18.96		
10	QPSK	25	12	18.93	18.97	18.97	20.1	0
10	QPSK	25	25	18.97	18.98	18.94		
10	QPSK	50	0	18.94	18.94	18.91		
10	16QAM	1	0	18.89	18.91	18.89		
10	16QAM	1	25	18.93	19.01	18.95	20.1	0
10	16QAM	1	49	18.90	18.93	18.89		
10	16QAM	25	0	18.90	18.99	18.93		
10	16QAM	25	12	18.96	18.93	18.89	20.1	0
10	16QAM	25	25	18.98	18.98	18.90		
10	16QAM	50	0	18.96	18.96	18.91		
10	64QAM	1	0	18.97	18.97	18.96		
10	64QAM	1	25	18.92	18.99	18.99	20.1	0
10	64QAM	1	49	18.90	18.92	19.00		
10	64QAM	25	0	18.92	19.00	18.99		
10	64QAM	25	12	18.90	19.00	18.88	20.1	0
10	64QAM	25	25	18.97	19.01	18.98		
10	64QAM	50	0	18.90	18.97	19.00		
10	256QAM	1	0	17.38	17.45	17.47		
10	256QAM	1	25	17.30	17.41	17.37	19	1.1
10	256QAM	1	49	17.35	17.41	17.40		
10	256QAM	25	0	17.32	17.38	17.44		
10	256QAM	25	12	17.33	17.38	17.47	19	1.1
10	256QAM	25	25	17.26	17.49	17.42		
10	256QAM	50	0	17.39	17.43	17.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1752.5		
5	QPSK	1	0	18.91	19.00	18.93		
5	QPSK	1	12	18.99	18.90	18.99	20.1	0
5	QPSK	1	24	18.93	19.01	18.96		
5	QPSK	12	0	18.94	18.94	18.88		
5	QPSK	12	7	18.99	19.02	18.94	20.1	0
5	QPSK	12	13	18.97	19.01	18.94		
5	QPSK	25	0	18.90	18.97	18.95		
5	16QAM	1	0	18.97	19.00	18.93		
5	16QAM	1	12	19.00	18.93	18.95	20.1	0
5	16QAM	1	24	18.89	18.92	18.93		
5	16QAM	12	0	19.00	18.92	18.92		
5	16QAM	12	7	18.89	18.98	18.92	20.1	0
5	16QAM	12	13	18.98	18.99	19.00		
5	16QAM	25	0	18.94	18.91	18.90		
5	64QAM	1	0	18.96	18.91	18.98		
5	64QAM	1	12	18.89	18.95	18.95	20.1	0
5	64QAM	1	24	18.90	18.96	18.98		
5	64QAM	12	0	18.99	18.99	18.94		
5	64QAM	12	7	18.99	18.91	18.95	20.1	0
5	64QAM	12	13	18.89	19.01	18.94		
5	64QAM	25	0	18.95	18.99	18.96		
5	256QAM	1	0	17.43	17.46	17.49		
5	256QAM	1	12	17.28	17.47	17.39	19	1.1
5	256QAM	1	24	17.25	17.32	17.40		
5	256QAM	12	0	17.32	17.40	17.44		
5	256QAM	12	7	17.34	17.42	17.47	19	1.1
5	256QAM	12	13	17.32	17.49	17.43		
5	256QAM	25	0	17.31	17.39	17.25		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.95	19.00	18.98		
3	QPSK	1	8	18.95	18.93	18.90	20.1	0
3	QPSK	1	14	18.98	18.99	18.97		
3	QPSK	8	0	18.93	18.91	19.00		
3	QPSK	8	4	18.99	18.95	18.94	20.1	0
3	QPSK	8	7	18.89	18.92	18.98		
3	QPSK	15	0	18.93	18.92	18.94		
3	16QAM	1	0	18.99	18.97	18.96		
3	16QAM	1	8	18.94	19.00	18.93	20.1	0
3	16QAM	1	14	18.98	18.92	18.92		
3	16QAM	8	0	18.94	18.99	18.91		
3	16QAM	8	4	18.94	18.91	18.94	20.1	0
3	16QAM	8	7	18.97	18.97	18.89		
3	16QAM	15	0	18.89	18.94	18.95		
3	64QAM	1	0	18.88	18.92	18.88		
3	64QAM	1	8	18.94	18.90	18.96	20.1	0
3	64QAM	1	14	18.96	19.00	18.97		
3	64QAM	8	0	18.92	18.97	18.90		
3	64QAM	8	4	18.94	18.99	18.94	20.1	0
3	64QAM	8	7	18.93	18.94	18.88		
3	64QAM	15	0	18.99	18.95	18.99		
3	256QAM	1	0	17.39	17.47	17.47		
3	256QAM	1	8	17.28	17.51	17.39	19	1.1
3	256QAM	1	14	17.29	17.40	17.33		
3	256QAM	8	0	17.29	17.44	17.46		
3	256QAM	8	4	17.39	17.44	17.41	19	1.1
3	256QAM	8	7	17.25	17.44	17.39		
3	256QAM	15	0	17.35	17.46	17.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.94	18.93	18.96		
1.4	QPSK	1	3	18.89	18.98	18.88	20.1	0
1.4	QPSK	1	5	18.95	18.97	18.93		
1.4	QPSK	3	0	18.92	18.98	18.93		
1.4	QPSK	3	1	18.90	18.94	18.95		
1.4	QPSK	3	3	18.88	18.94	18.95		
1.4	QPSK	6	0	18.95	18.93	18.95	20.1	0
1.4	16QAM	1	0	18.91	19.00	18.94		
1.4	16QAM	1	3	18.93	18.93	18.96	20.1	0
1.4	16QAM	1	5	18.89	18.94	18.88		
1.4	16QAM	3	0	18.96	18.99	18.89		
1.4	16QAM	3	1	18.89	18.99	18.89		
1.4	16QAM	3	3	18.90	18.96	18.89		
1.4	16QAM	6	0	18.89	19.02	18.99	20.1	0
1.4	64QAM	1	0	18.98	18.96	18.96		
1.4	64QAM	1	3	19.00	18.90	18.91	20.1	0
1.4	64QAM	1	5	19.00	18.97	18.90		
1.4	64QAM	3	0	18.92	18.98	18.99		
1.4	64QAM	3	1	18.99	18.97	18.99		
1.4	64QAM	3	3	18.91	18.94	18.95		
1.4	64QAM	6	0	18.90	19.01	18.99	20.1	0
1.4	256QAM	1	0	17.43	17.45	17.40		
1.4	256QAM	1	3	17.28	17.45	17.41	19	1.1
1.4	256QAM	1	5	17.33	17.40	17.32		
1.4	256QAM	3	0	17.33	17.45	17.46		
1.4	256QAM	3	1	17.37	17.38	17.42		
1.4	256QAM	3	3	17.29	17.41	17.48		
1.4	256QAM	6	0	17.39	17.48	17.28	19	1.1

Band 7 Ant 3 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.15	18.18	18.07		
20	QPSK	1	49	18.10	18.13	18.13	19.2	0
20	QPSK	1	99	18.06	18.17	18.14		
20	QPSK	50	0	18.09	18.16	18.07		
20	QPSK	50	24	18.09	18.07	18.07	19.2	0
20	QPSK	50	50	18.07	18.12	18.10		
20	QPSK	100	0	18.08	18.14	18.05		
20	16QAM	1	0	18.13	18.07	18.04		
20	16QAM	1

Band 25 Ant 3 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.57	18.61	18.56		
20	QPSK	1	49	18.53	18.59	18.50	19.6	0
20	QPSK	1	99	18.50	18.57	18.54		
20	QPSK	50	0	18.52	18.60	18.57		
20	QPSK	50	24	18.57	18.55	18.53	19.6	0
20	QPSK	50	50	18.49	18.50	18.59		
20	QPSK	100	0	18.49	18.53	18.48		
20	16QAM	1	0	18.53	18.60	18.50		
20	16QAM	1	49	18.51	18.55	18.54	19.6	0
20	16QAM	1	99	18.57	18.60	18.55		
20	16QAM	50	0	18.53	18.57	18.51		
20	16QAM	50	24	18.57	18.50	18.49	19.6	0
20	16QAM	50	50	18.48	18.52	18.51		
20	16QAM	100	0	18.52	18.60	18.49		
20	64QAM	1	0	18.48	18.60	18.47		
20	64QAM	1	49	18.48	18.51	18.55	19.6	0
20	64QAM	1	99	18.47	18.51	18.56		
20	64QAM	50	0	18.54	18.50	18.52		
20	64QAM	50	24	18.48	18.58	18.56	19.6	0
20	64QAM	50	50	18.48	18.59	18.58		
20	64QAM	100	0	18.51	18.51	18.55		
20	256QAM	1	0	17.94	18.06	18.08		
20	256QAM	1	49	18.00	17.99	18.01	19	0.6
20	256QAM	1	99	17.98	18.10	17.95		
20	256QAM	50	0	18.00	18.15	18.04		
20	256QAM	50	24	18.02	18.11	18.07	19	0.6
20	256QAM	50	50	18.05	17.98	17.97		
20	256QAM	100	0	17.97	18.00	17.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.47	18.47	18.47		
15	QPSK	1	37	18.46	18.58	18.47	19.6	0
15	QPSK	1	74	18.49	18.56	18.45		
15	QPSK	36	0	18.51	18.54	18.50		
15	QPSK	36	20	18.55	18.47	18.44	19.6	0
15	QPSK	36	39	18.54	18.52	18.48		
15	QPSK	75	0	18.47	18.55	18.55		
15	16QAM	1	0	18.54	18.54	18.47		
15	16QAM	1	37	18.50	18.57	18.49	19.6	0
15	16QAM	1	74	18.50	18.46	18.52		
15	16QAM	36	0	18.45	18.54	18.52		
15	16QAM	36	20	18.51	18.53	18.54	19.6	0
15	16QAM	36	39	18.50	18.54	18.46		
15	16QAM	75	0	18.48	18.49	18.45		
15	64QAM	1	0	18.55	18.49	18.52		
15	64QAM	1	37	18.56	18.47	18.55	19.6	0
15	64QAM	1	74	18.49	18.52	18.48		
15	64QAM	36	0	18.45	18.49	18.48		
15	64QAM	36	20	18.49	18.46	18.49	19.6	0
15	64QAM	36	39	18.49	18.49	18.55		
15	64QAM	75	0	18.53	18.48	18.53		
15	256QAM	1	0	17.90	17.93	18.03		
15	256QAM	1	37	17.91	17.86	17.92	19	0.6
15	256QAM	1	74	17.94	18.01	17.83		
15	256QAM	36	0	17.89	18.03	17.91		
15	256QAM	36	20	17.94	17.98	17.98	19	0.6
15	256QAM	36	39	17.93	17.85	17.94		
15	256QAM	75	0	17.86	17.89	17.86		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.55	18.55	18.54		
10	QPSK	1	25	18.51	18.57	18.55	19.6	0
10	QPSK	1	49	18.47	18.46	18.54		
10	QPSK	25	0	18.45	18.50	18.46		
10	QPSK	25	12	18.47	18.53	18.48	19.6	0
10	QPSK	25	25	18.54	18.48	18.54		
10	QPSK	50	0	18.52	18.56	18.53		
10	16QAM	1	0	18.46	18.48	18.49		
10	16QAM	1	25	18.51	18.53	18.46	19.6	0
10	16QAM	1	49	18.54	18.54	18.53		
10	16QAM	25	0	18.52	18.52	18.45		
10	16QAM	25	12	18.47	18.52	18.45	19.6	0
10	16QAM	25	25	18.45	18.54	18.48		
10	16QAM	50	0	18.53	18.46	18.54		
10	64QAM	1	0	18.54	18.55	18.52		
10	64QAM	1	25	18.44	18.52	18.47	19.6	0
10	64QAM	1	49	18.49	18.53	18.49		
10	64QAM	25	0	18.49	18.50	18.44		
10	64QAM	25	12	18.54	18.53	18.44	19.6	0
10	64QAM	25	25	18.53	18.58	18.46		
10	64QAM	50	0	18.52	18.51	18.51		
10	256QAM	1	0	17.88	17.97	17.97		
10	256QAM	1	25	17.94	17.91	17.94	19	0.6
10	256QAM	1	49	17.88	18.01	17.89		
10	256QAM	25	0	17.89	18.10	18.01		
10	256QAM	25	12	17.96	18.05	17.98	19	0.6
10	256QAM	25	25	17.96	17.92	17.86		
10	256QAM	50	0	17.90	17.89	17.89		
Channel				26065	26340	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.47	18.52	18.51		
5	QPSK	1	12	18.54	18.53	18.47	19.6	0
5	QPSK	1	24	18.51	18.55	18.54		
5	QPSK	12	0	18.50	18.53	18.54		
5	QPSK	12	7	18.55	18.51	18.46	19.6	0
5	QPSK	12	13	18.48	18.49	18.49		
5	QPSK	25	0	18.51	18.52	18.44		
5	16QAM	1	0	18.44	18.51	18.50		
5	16QAM	1	12	18.53	18.51	18.50	19.6	0
5	16QAM	1	24	18.50	18.49	18.53		
5	16QAM	12	0	18.49	18.48	18.50		
5	16QAM	12	7	18.52	18.51	18.49	19.6	0
5	16QAM	12	13	18.52	18.52	18.52		
5	16QAM	25	0	18.45	18.54	18.56		
5	64QAM	1	0	18.45	18.57	18.53		
5	64QAM	1	12	18.53	18.49	18.51	19.6	0
5	64QAM	1	24	18.49	18.51	18.44		
5	64QAM	12	0	18.48	18.51	18.45		
5	64QAM	12	7	18.45	18.54	18.53	19.6	0
5	64QAM	12	13	18.45	18.48	18.53		
5	64QAM	25	0	18.53	18.54	18.53		
5	256QAM	1	0	17.83	18.02	18.01		
5	256QAM	1	12	17.97	17.88	17.89	19	0.6
5	256QAM	1	24	17.87	18.01	17.85		
5	256QAM	12	0	17.98	18.07	17.97		
5	256QAM	12	7	17.90	17.99	17.97	19	0.6
5	256QAM	12	13	17.95	17.94	17.92		
5	256QAM	25	0	17.95	17.94	17.81		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.51	18.53	18.52		
3	QPSK	1	8	18.53	18.52	18.55	19.6	0
3	QPSK	1	14	18.54	18.48	18.53		
3	QPSK	8	0	18.51	18.56	18.56		
3	QPSK	8	4	18.44	18.57	18.54	19.6	0
3	QPSK	8	7	18.55	18.54	18.53		
3	QPSK	15	0	18.47	18.57	18.51		
3	16QAM	1	0	18.51	18.57	18.50		
3	16QAM	1	8	18.45	18.51	18.52	19.6	0
3	16QAM	1	14	18.53	18.57	18.47		
3	16QAM	8	0	18.49	18.50	18.52		
3	16QAM	8	4	18.53	18.51	18.54	19.6	0
3	16QAM	8	7	18.56	18.48	18.46		
3	16QAM	15	0	18.48	18.57	18.46		
3	64QAM	1	0	18.44	18.49	18.48		
3	64QAM	1	8	18.52	18.50	18.45	19.6	0
3	64QAM	1	14	18.47	18.54	18.46		
3	64QAM	8	0	18.47	18.55	18.45		
3	64QAM	8	4	18.46	18.55	18.47	19.6	0
3	64QAM	8	7	18.54	18.58	18.53		
3	64QAM	15	0	18.44	18.49	18.49		
3	256QAM	1	0	17.85	17.95	17.95		
3	256QAM	1	8	17.93	17.86	17.91	19	0.6
3	256QAM	1	14	17.90	18.00	17.87		
3	256QAM	8	0	17.94	18.03	17.91		
3	256QAM	8	4	17.97	18.02	17.96	19	0.6
3	256QAM	8	7	17.92	17.84	17.84		
3	256QAM	15	0	17.94	17.87	17.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.54	18.58	18.51		
1.4	QPSK	1	3	18.51	18.49	18.52		
1.4	QPSK	1	5	18.45	18.50	18.54	19.6	0
1.4	QPSK	3	0	18.54	18.53	18.46		
1.4	QPSK	3	1	18.50	18.56	18.55		
1.4	QPSK	3	3	18.50	18.58	18.54		
1.4	QPSK	6	0	18.52	18.57	18.54	19.6	0
1.4	16QAM	1	0	18.44	18.50	18.44		
1.4	16QAM	1	3	18.55	18.53	18.49		
1.4	16QAM	1	5	18.52	18.50	18.51	19.6	0
1.4	16QAM	3	0	18.55	18.53	18.49		
1.4	16QAM	3	1	18.46	18.50	18.48		
1.4	16QAM	3	3	18.49	18.54	18.45		
1.4	16QAM	6	0	18.48	18.56	18.54	19.6	0
1.4	64QAM	1	0	18.52	18.54	18.50		
1.4	64QAM	1	3	18.46	18.51	18.48		
1.4	64QAM	1	5	18.51	18.52	18.53	19.6	0
1.4	64QAM	3	0	18.51	18.51	18.53		
1.4	64QAM	3	1	18.52	18.56	18.55		
1.4	64QAM	3	3	18.54	18.48	18.51		
1.4	64QAM	6	0	18.47	18.47	18.50	19.6	0
1.4	256QAM	1	0	17.82	17.93	17.95		
1.4	256QAM	1	3	17.91	17.90	17.88		
1.4	256QAM	1	5	17.89	17.98	17.84	19	0.6
1.4	256QAM	3	0	17.96	18.03	17.99		
1.4	256QAM	3	1	17.95	18.02	17.97		
1.4	256QAM	3	3	18.01	17.89	17.85		
1.4	256QAM	6	0	17.86	17.97	17.91	19	0.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.18			
10	QPSK	1	25		21.15		22	0
10	QPSK	1	49		21.13			
10	QPSK	25	0		20.18			
10	QPSK	25	12		20.12		21	1
10	QPSK	25	25		20.16			
10	QPSK	50	0		20.15			
10	16QAM	1	0		20.14			
10	16QAM	1	25		20.16		21	1
10	16QAM	1	49		20.11			
10	16QAM	25	0		19.12			
10	16QAM	25	12		19.17		20	2
10	16QAM	25	25		19.19			
10	16QAM	50	0		19.13			
10	64QAM	1	0		19.12			
10	64QAM	1	25		19.14		20	2
10	64QAM	1	49		19.06			
10	64QAM	25	0		18.21			
10	64QAM	25	12		18.14		19	3
10	64QAM	25	25		18.20			
10	64QAM	50	0		18.17			
10	256QAM	1	0		16.13			
10	256QAM	1	25		16.18		17	5
10	256QAM	1	49		16.18			
10	256QAM	25	0		16.17			
10	256QAM	25	12		16.08		17	5
10	256QAM	25	25		16.14			
10	256QAM	50	0		16.08			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.11	21.15	21.14		
5	QPSK	1	12	21.08	21.05	21.02	22	0
5	QPSK	1	24	21.10	21.06	21.09		
5	QPSK	12	0	20.12	20.16	20.10		
5	QPSK	12	7	20.02	20.08	20.03	21	1
5	QPSK	12	13	20.10	20.04	20.04		
5	QPSK	25	0	20.09	20.04	20.06		
5	16QAM	1	0	20.02	20.00	20.09		
5	16QAM	1	12	20.08	20.13	20.10	21	1
5	16QAM	1	24	20.06	20.06	20.05		
5	16QAM	12	0	19.04	19.10	19.02		
5	16QAM	12	7	19.09	19.04	19.12	20	2
5	16QAM	12	13	19.11	19.07	19.11		
5	16QAM	25	0	18.99	19.02	19.07		
5	64QAM	1	0	19.01	19.05	19.06		
5	64QAM	1	12	19.11	19.09	19.11	20	2
5	64QAM	1	24	19.01	18.97	19.01		
5	64QAM	12	0	18.11	18.11	18.13		
5	64QAM	12	7	18.03	18.05	18.10	19	3
5	64QAM	12	13	18.09	18.07	18.12		
5	64QAM	25	0	18.14	18.04	18.13		
5	256QAM	1	0	16.07	16.09	16.09		
5	256QAM	1	12	16.06	16.09	16.08	17	5
5	256QAM	1	24	16.16	16.04	16.09		
5	256QAM	12	0	16.05	16.07	16.10		
5	256QAM	12	7	16.01	16.05	16.06	17	5
5	256QAM	12	13	16.05	16.09	16.05		
5	256QAM	25	0	15.99	15.95	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.94	19.08	19.06		
20	QPSK	1	49	18.92	19.05	19.03	20.1	0
20	QPSK	1	99	19.02	19.02	19.02		
20	QPSK	50	0	19.00	19.05	19.02		
20	QPSK	50	24	18.94	19.03	19.04	20.1	0
20	QPSK	50	50	19.04	19.00	18.93		
20	QPSK	100	0	18.94	19.02	18.99		
20	16QAM	1	0	18.99	19.03	18.93		
20	16QAM	1	49	19.00	18.94	18.97	20.1	0
20	16QAM	1	99	18.96	18.98	19.02		
20	16QAM	50	0	18.97	19.03	18.92		
20	16QAM	50	24	19.02	18.96	19.01	20.1	0
20	16QAM	50	50	19.00	19.04	18.94		
20	16QAM	100	0	18.94	19.00	19.00		
20	64QAM	1	0	18.98	19.00	18.98		
20	64QAM	1	49	18.99	18.94	19.03	20.1	0
20	64QAM	1	99	18.97	19.01	18.95		
20	64QAM	50	0	18.93	19.04	18.97		
20	64QAM	50	24	18.92	18.94	19.02	20.1	0
20	64QAM	50	50	18.97	19.03	19.01		
20	64QAM	100	0	19.02	18.95	19.03		
20	256QAM	1	0	17.63	17.69	17.69		
20	256QAM	1	49	17.62	17.53	17.54	19	1.1
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64		
20	256QAM	50	24	17.69	17.73	17.59	19	1.1
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.98	19.06	18.92		
15	QPSK	1	37	18.98	19.04	19.00	20.1	0
15	QPSK	1	74	19.00	18.99	19.04		
15	QPSK	36	0	18.95	19.05	18.98		
15	QPSK	36	20	18.97	19.01	18.92	20.1	0
15	QPSK	36	39	18.99	18.99	19.02		
15	QPSK	75	0	18.96	18.94	18.92		
15	16QAM	1	0	18.99	19.04	18.96		
15	16QAM	1	37	19.01	18.94	18.98	20.1	0
15	16QAM	1	74	19.04	19.02	19.00		
15	16QAM	36	0	18.94	19.06	18.95		
15	16QAM	36	20	18.95	18.99	18.98	20.1	0
15	16QAM	36	39	19.04	19.01	18.98		
15	16QAM	75	0	18.94	19.01	19.01		
15	64QAM	1	0	18.96	19.05	18.98		
15	64QAM	1	37	18.94	19.01	18.93	20.1	0
15	64QAM	1	74	18.97	18.96	18.96		
15	64QAM	36	0	18.98	18.99	19.02		
15	64QAM	36	20	18.98	19.01	18.96	20.1	0
15	64QAM	36	39	18.93	19.01	18.94		
15	64QAM	75	0	18.98	19.04	18.93		
15	256QAM	1	0	17.57	17.60	17.63		
15	256QAM	1	37	17.56	17.44	17.52	19	1.1
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52		
15	256QAM	36	20	17.58	17.63	17.54	19	1.1
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.92	18.99	19.02		
10	QPSK	1	25	18.99	19.03	19.04	20.1	0
10	QPSK	1	49	18.96	19.05	19.03		
10	QPSK	25	0	18.96	18.98	18.95		
10	QPSK	25	12	18.93	19.03	18.96	20.1	0
10	QPSK	25	25	19.03	19.03	18.95		
10	QPSK	50	0	19.01	19.01	18.98		
10	16QAM	1	0	19.00	19.01	19.00		
10	16QAM	1	25	19.00	18.96	18.95	20.1	0
10	16QAM	1	49	19.04	18.98	19.03		
10	16QAM	25	0	18.99	18.99	18.99		
10	16QAM	25	12	18.98	19.03	19.04	20.1	0
10	16QAM	25	25	18.98	18.99	19.01		
10	16QAM	50	0	18.92	19.03	19.00		
10	64QAM	1	0	19.02	19.01	19.01		
10	64QAM	1	25	19.01	18.99	18.94	20.1	0
10	64QAM	1	49	18.99	19.01	19.01		
10	64QAM	25	0	18.97	19.01	19.03		
10	64QAM	25	12	18.98	19.04	18.99	20.1	0
10	64QAM	25	25	19.02	19.03	18.94		
10	64QAM	50	0	18.98	18.98	19.01		
10	256QAM	1	0	17.54	17.56	17.66		
10	256QAM	1	25	17.58	17.51	17.47	19	1.1
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56		
10	256QAM	25	12	17.61	17.71	17.49	19	1.1
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.95	19.03	18.97		
5	QPSK	1	12	18.99	19.05	18.92	20.1	0
5	QPSK	1	24	18.99	18.95	18.94		
5	QPSK	12	0	18.97	19.01	18.97		
5	QPSK	12	7	19.01	19.06	19.01	20.1	0
5	QPSK	12	13	18.96	18.99	19.02		
5	QPSK	25	0	18.94	18.97	18.98		
5	16QAM	1	0	19.00	18.97	18.96		
5	16QAM	1	12	19.01	18.97	19.01	20.1	0
5	16QAM	1	24	18.95	19.04	18.95		
5	16QAM	12	0	18.97	18.96	18.93		
5	16QAM	12	7	18.93	18.99	18.99	20.1	0
5	16QAM	12	13	18.98	18.95	19.04		
5	16QAM	25	0	18.93	18.98	18.95		
5	64QAM	1	0	19.00	18.95	19.01		
5	64QAM	1	12	18.99	18.95	18.97	20.1	0
5	64QAM	1	24	18.98	18.96	18.93		
5	64QAM	12	0	18.96	18.98	18.93		
5	64QAM	12	7	18.93	19.05	18.92	20.1	0
5	64QAM	12	13	19.00	18.95	19.00		
5	64QAM	25	0	18.99	18.99	19.00		
5	256QAM	1	0	17.52	17.57	17.62		
5	256QAM	1	12	17.53	17.41	17.51	19	1.1
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61		
5	256QAM	12	7	17.59	17.66	17.55	19	1.1
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.00	19.02	18.99		
3	QPSK	1	8	18.99	18.95	18.95	20.1	0
3	QPSK	1	14	19.00	18.99	19.04		
3	QPSK	8	0	18.98	19.00	19.01		
3	QPSK	8	4	18.95	19.04	19.03	20.1	0
3	QPSK	8	7	18.94	18.96	18.94		
3	QPSK	15	0	19.03	19.05	19.00		
3	16QAM	1	0	19.03	19.05	18.92		
3	16QAM	1	8	18.93	18.99	19.03	20.1	0
3	16QAM	1	14	18.95	18.96	18.96		
3	16QAM	8	0	19.04	18.95	18.98		
3	16QAM	8	4	18.93	18.95	18.93	20.1	0
3	16QAM	8	7	18.96	19.01	18.95		
3	16QAM	15	0	19.01	19.02	18.93		
3	64QAM	1	0	18.97	18.98	18.96		
3	64QAM	1	8	18.96	19.02	19.04	20.1	0
3	64QAM	1	14	18.94	18.95	18.96		
3	64QAM	8	0	18.92	18.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.53	16.61	16.55	17.8	0
20	QPSK	1	49	16.51	16.53	16.45		
20	QPSK	1	99	16.53	16.54	16.51		
20	QPSK	50	0	16.53	16.60	16.55	17.8	0
20	QPSK	50	24	16.54	16.51	16.53		
20	QPSK	50	50	16.54	16.50	16.56		
20	QPSK	100	0	16.56	16.58	16.56		
20	16QAM	1	0	16.47	16.52	16.54		
20	16QAM	1	49	16.53	16.49	16.46	17.8	0
20	16QAM	1	99	16.53	16.49	16.57		
20	16QAM	50	0	16.49	16.56	16.49		
20	16QAM	50	24	16.53	16.47	16.46	17.8	0
20	16QAM	50	50	16.47	16.51	16.48		
20	16QAM	100	0	16.49	16.48	16.50		
20	64QAM	1	0	16.53	16.54	16.49		
20	64QAM	1	49	16.47	16.58	16.54	17.8	0
20	64QAM	1	99	16.47	16.53	16.51		
20	64QAM	50	0	16.50	16.56	16.48		
20	64QAM	50	24	16.55	16.48	16.45	17.8	0
20	64QAM	50	50	16.45	16.56	16.57		
20	64QAM	100	0	16.49	16.58	16.47		
20	256QAM	1	0	16.56	16.53	16.53		
20	256QAM	1	49	16.53	16.58	16.45	17.8	0
20	256QAM	1	99	16.55	16.51	16.49		
20	256QAM	50	0	16.54	16.53	16.45		
20	256QAM	50	24	16.47	16.54	16.53	17.8	0
20	256QAM	50	50	16.46	16.51	16.48		
20	256QAM	100	0	16.52	16.50	16.51		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.54	16.52	16.54	17.8	0
15	QPSK	1	37	16.53	16.52	16.53		
15	QPSK	1	74	16.49	16.49	16.46		
15	QPSK	36	0	16.52	16.57	16.46	17.8	0
15	QPSK	36	20	16.50	16.48	16.50		
15	QPSK	36	39	16.54	16.53	16.49		
15	QPSK	75	0	16.48	16.58	16.55		
15	16QAM	1	0	16.48	16.51	16.55		
15	16QAM	1	37	16.56	16.53	16.53	17.8	0
15	16QAM	1	74	16.46	16.56	16.47		
15	16QAM	36	0	16.56	16.58	16.55		
15	16QAM	36	20	16.49	16.53	16.51	17.8	0
15	16QAM	36	39	16.53	16.54	16.52		
15	16QAM	75	0	16.48	16.54	16.47		
15	64QAM	1	0	16.45	16.50	16.49		
15	64QAM	1	37	16.47	16.57	16.53	17.8	0
15	64QAM	1	74	16.52	16.51	16.54		
15	64QAM	36	0	16.52	16.58	16.56		
15	64QAM	36	20	16.48	16.59	16.47	17.8	0
15	64QAM	36	39	16.49	16.53	16.52		
15	64QAM	75	0	16.52	16.49	16.48		
15	256QAM	1	0	16.46	16.59	16.52		
15	256QAM	1	37	16.52	16.59	16.50	17.8	0
15	256QAM	1	74	16.49	16.55	16.52		
15	256QAM	36	0	16.55	16.50	16.47		
15	256QAM	36	20	16.48	16.52	16.53	17.8	0
15	256QAM	36	39	16.46	16.52	16.50		
15	256QAM	75	0	16.46	16.55	16.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.55	16.50	16.48	17.8	0
10	QPSK	1	25	16.57	16.50	16.50		
10	QPSK	1	49	16.53	16.55	16.55		
10	QPSK	25	0	16.53	16.48	16.47	17.8	0
10	QPSK	25	12	16.52	16.52	16.54		
10	QPSK	25	25	16.52	16.58	16.54		
10	QPSK	50	0	16.50	16.58	16.57		
10	16QAM	1	0	16.53	16.52	16.48		
10	16QAM	1	25	16.53	16.48	16.56	17.8	0
10	16QAM	1	49	16.50	16.51	16.47		
10	16QAM	25	0	16.46	16.51	16.51		
10	16QAM	25	12	16.47	16.47	16.52	17.8	0
10	16QAM	25	25	16.55	16.59	16.47		
10	16QAM	50	0	16.49	16.48	16.57		
10	64QAM	1	0	16.53	16.49	16.54		
10	64QAM	1	25	16.48	16.51	16.56	17.8	0
10	64QAM	1	49	16.47	16.58	16.55		
10	64QAM	25	0	16.51	16.54	16.46		
10	64QAM	25	12	16.49	16.54	16.46	17.8	0
10	64QAM	25	25	16.49	16.57	16.54		
10	64QAM	50	0	16.47	16.48	16.47		
10	256QAM	1	0	16.53	16.50	16.45		
10	256QAM	1	25	16.55	16.53	16.50	17.8	0
10	256QAM	1	49	16.52	16.48	16.52		
10	256QAM	25	0	16.56	16.53	16.50		
10	256QAM	25	12	16.57	16.52	16.49	17.8	0
10	256QAM	25	25	16.47	16.57	16.54		
10	256QAM	50	0	16.53	16.53	16.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.53	16.52	16.53	17.8	0
5	QPSK	1	12	16.50	16.59	16.48		
5	QPSK	1	24	16.55	16.55	16.56		
5	QPSK	12	0	16.51	16.53	16.47	17.8	0
5	QPSK	12	7	16.51	16.57	16.57		
5	QPSK	12	13	16.53	16.56	16.56		
5	QPSK	25	0	16.47	16.57	16.52		
5	16QAM	1	0	16.46	16.51	16.48		
5	16QAM	1	12	16.52	16.58	16.48	17.8	0
5	16QAM	1	24	16.50	16.53	16.47		
5	16QAM	12	0	16.50	16.50	16.56		
5	16QAM	12	7	16.46	16.55	16.53	17.8	0
5	16QAM	12	13	16.45	16.50	16.47		
5	16QAM	25	0	16.46	16.59	16.56		
5	64QAM	1	0	16.57	16.50	16.50		
5	64QAM	1	12	16.49	16.48	16.45	17.8	0
5	64QAM	1	24	16.50	16.48	16.46		
5	64QAM	12	0	16.55	16.51	16.48		
5	64QAM	12	7	16.47	16.58	16.55	17.8	0
5	64QAM	12	13	16.51	16.57	16.54		
5	64QAM	25	0	16.50	16.56	16.56		
5	256QAM	1	0	16.53	16.58	16.56		
5	256QAM	1	12	16.46	16.57	16.54	17.8	0
5	256QAM	1	24	16.46	16.47	16.52		
5	256QAM	12	0	16.47	16.58	16.57		
5	256QAM	12	7	16.52	16.48	16.49	17.8	0
5	256QAM	12	13	16.54	16.54	16.46		
5	256QAM	25	0	16.54	16.55	16.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.55	16.58	16.68	16.61	16.65	17.8	0
20	QPSK	1	49	16.55	16.49	16.59	16.51	16.59		
20	QPSK	1	99	16.58	16.57	16.59	16.50	16.54		
20	QPSK	50	0	16.50	16.52	16.63	16.57	16.54	17.8	0
20	QPSK	50	24	16.53	16.60	16.60	16.59	16.59		
20	QPSK	50	50	16.56	16.55	16.57	16.56	16.52		
20	QPSK	100	0	16.52	16.55	16.62	16.53	16.52		
20	16QAM	1	0	16.56	16.49	16.60	16.61	16.61		
20	16QAM	1	49	16.50	16.50	16.62	16.49	16.56	17.8	0
20	16QAM	1	99	16.54	16.60	16.61	16.57	16.60		
20	16QAM	50	0	16.51	16.60	16.57	16.58	16.61		
20	16QAM	50	24	16.51	16.60	16.60	16.49	16.54	17.8	0
20	16QAM	50	50	16.54	16.51	16.56	16.52	16.51		
20	16QAM	100	0	16.55	16.59	16.59	16.56	16.55		
20	64QAM	1	0	16.57	16.49	16.59	16.50	16.57		
20	64QAM	1	49	16.59	16.61	16.55	16.56	16.52	17.8	0
20	64QAM	1	99	16.59	16.52	16.60	16.56	16.51		
20	64QAM	50	0	16.55	16.57	16.55	16.59	16.59		
20	64QAM	50	24	16.58	16.51	16.62	16.60	16.51	17.8	0
20	64QAM	50	50	16.57	16.53	16.63	16.57	16.49		
20	64QAM	100	0	16.53	16.52	16.60	16.55	16.53		
20	256QAM	1	0	16.49	16.52	16.57	16.51	16.51		
20	256QAM	1	49	16.59	16.57	16.53	16.51	16.56	17.8	0
20	256QAM	1	99	16.54	16.49	16.58	16.52	16.58		
20	256QAM	50	0	16.55	16.56	16.58	16.59	16.51		
20	256QAM	50	24	16.55	16.55	16.58	16.56	16.58	17.8	0
20	256QAM	50	50	16.53	16.55	16.60	16.52	16.50		
20	256QAM	100	0	16.55	16.50	16.53	16.54	16.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.50	16.51	16.56	16.51	16.51	18	0
15	QPSK	1	37	16.52	16.50	16.61	16.50	16.61		
15	QPSK	1	74	16.51	16.60	16.54	16.59	16.54		
15	QPSK	36	0	16.50	16.51	16.56	16.57	16.52	17.8	0
15	QPSK	36	20	16.50	16.60	16.57	16.53	16.55		
15	QPSK	36	39	16.60	16.54	16.61	16.54	16.58		
15	QPSK	75	0	16.51	16.51	16.63	16.51	16.60		
15	16QAM	1	0	16.52	16.55	16.59	16.52	16.58		
15	16QAM	1	37	16.52	16.56	16.53	16.54	16.57	17.8	0
15	16QAM	1	74	16.56	16.57	16.61	16.56	16.54		
15	16QAM	36	0	16.51	16.50	16.62	16.55	16.59		
15	16QAM	36	20	16.53	16.56	16.63	16.54	16.61	17.8	0
15	16QAM	36	39	16.57	16.57	16.61	16.49	16.52		
15	16QAM	75	0	16.61	16.54	16.59	16.49	16.52		
15	64QAM	1	0	16.53	16.57	16.62	16.50	16.57		
15	64QAM	1	37	16.57	16.57	16.54	16.53	16.53	17.8	0
15	64QAM	1	74	16.52	16.52	16.63	16.55	16.55		
15	64QAM	36	0	16.52	16.54	16.60	16.53	16.53		
15	64QAM	36	20	16.53	16.53	16.53	16.58	16.53	17.8	0
15	64QAM	36	39	16.55	16.61	16.53	16.57	16.59		
15	64QAM	75	0	16.58	16.56	16.61	16.55	16.56		
15	256QAM	1	0	16.50	16.50	16.57	16.54	16.60		
15	256QAM	1	37	16.57	16.57	16.62	16.58	16.55	17.8	0
15	256QAM	1	74	16.60	16.58	16.56	16.60	16.56		
15	256QAM	36	0	16.61	16.50	16.58	16.55	16.52		
15	256QAM	36	20	16.50	16.55	16.57	16.54	16.53	17.8	0
15	256QAM	36	39	16.50	16.52	16.52	16.56	16.55		
15	256QAM	75	0	16.57	16.60	16.59	16.54	16.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.61	16.57	16.54	16.57	16.54	18	0
10	QPSK	1	25	16.51	16.56	16.58	16.61	16.52		
10	QPSK	1	49	16.55	16.55	16.58	16.49	16.55		
10	QPSK	25	0	16.52	16.51	16.53	16.54	16.52	17.8	0
10	QPSK	25	12	16.58	16.58	16.59	16.52	16.60		
10	QPSK	25	25	16.51	16.51	16.54	16.61	16.50		
10	QPSK	50	0	16.49	16.50	16.61	16.53	16.61		
10	16QAM	1	0	16.51	16.51	16.61	16.56	16.54		
10	16QAM	1	25	16.51	16.59	16.60	16.55	16.58	17.8	0
10	16QAM	1	49	16.54	16.53	16.63	16.52	16.60		
10	16QAM	25	0	16.60	16.55	16.58	16.54	16.59		
10	16QAM	25	12	16.49	16.60	16.54	16.53	16.50	17.8	0
10	16QAM	25	25	16.54	16.51	16.62	16.50	16.50		
10	16QAM	50	0	16.57	16.61	16.55	16.55	16.52		
10	64QAM	1	0	16.60	16.56	16.56	16.53	16.59		
10	64QAM	1	25	16.50	16.54	16.56	16.50	16.60	17.8	0
10	64QAM	1	49	16.52	16.54	16.59	16.51	16.53		
10	64QAM	25	0	16.49	16.49	16.58	16.53	16.60		
10	64QAM	25	12	16.56	16.56	16.52	16.53	16.59	17.8	0
10	64QAM	25	25	16.51	16.60	16.61	16.57	16.59		
10	64QAM	50	0	16.53	16.56	16.55	16.59	16.51		
10	256QAM	1	0	16.56	16.58	16.62	16.57	16.55		
10	256QAM	1	25	16.54	16.52	16.62	16.50	16.59	17.8	0
10	256QAM	1	49	16.56	16.55	16.59	16.54	16.53		
10	256QAM	25	0	16.57	16.55	16.58	16.54	16.52		
10	256QAM	25	12	16.52	16.58	16.58	16.49	16.53	17.8	0
10	256QAM	25	25	16.53	16.57	16.59	16.53	16.54		
10	256QAM	50	0	16.51	16.60	16.53	16.60	16.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.57	16.56	16.53	16.52	16.61	18	0
5	QPSK	1	12	16.51	16.50	16.54	16.52	16.49		
5	QPSK	1	24	16.59	16.59	16.53	16.52	16.56		
5	QPSK	12	0	16.60	16.55	16.59	16.56	16.57	17.8	0
5	QPSK	12	7	16.54	16.59	16.58	16.55	16.52		
5	QPSK	12	13	16.60	16.55	16.54	16.52	16.50		
5	QPSK	25	0	16.53	16.54	16.60	16.57	16.52		
5	16QAM	1	0	16.50	16.58	16.63	16.50	16.49		
5	16QAM	1	12	16.51	16.57	16.52	16.53	16.56	17.8	0
5	16QAM	1	24	16.50	16.51	16.61	16.58	16.50		
5	16QAM	12	0	16.54	16.50	16.57	16.59	16.59		
5	16QAM	12	7	16.57	16.53	16.62	16.53	16.55	17.8	0
5	16QAM	12	13	16.50	16.58	16.52	16.54	16.50		
5	16QAM	25	0	16.61	16.51	16.58	16.50	16.52		
5	64QAM	1	0	16.55	16.51	16.62	16.52	16.50		
5	64QAM	1	12	16.60	16.54	16.59	16.60	16.56	17.8	0
5	64QAM	1	24	16.52	16.59	16.60	16.55	16.56		
5	64QAM	12	0	16.53	16.58	16.58	16.58	16.51		
5	64QAM	12	7	16.51	16.56	16.60	16.58	16.59	17.8	0
5	64QAM	12	13	16.56	16.54	16.61	16.50	16.57		
5	64QAM	25	0	16.61	16.54	16.54	16.59	16.58		
5	256QAM	1	0	16.49	16.58	16.61	16.52	16.52		
5	256QAM	1	12	16.52	16.55	16.57	16.52	16.55	17.8	0
5	256QAM	1	24	16.50	16.51	16.61	16.50	16.54		
5	256QAM	12	0	16.56	16.58	16.54	16.58	16.53		
5	256QAM	12	7	16.52	16.59	16.59	16.58	16.51	17.8	0
5	256QAM	12	13	16.56	16.56	16.55	16.58	16.54		
5	256QAM	25	0	16.50	16.50	16.55	16.49	16.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.14	18.22	18.25	18.11	18.23	19.4	0
20	QPSK	1	49	18.19	18.21	18.20	18.19	18.11		
20	QPSK	1	99	18.17	18.11	18.24	18.15	18.11		
20	QPSK	50	0	18.20	18.18	18.22	18.16	18.16	19.4	0
20	QPSK	50	24	18.15	18.11	18.17	18.15	18.16		
20	QPSK	50	50	18.20	18.12	18.13	18.11	18.16		
20	QPSK	100	0	18.16	18.17	18.21	18.13	18.15		
20	16QAM	1	0	18.12	18.12	18.17	18.19	18.17		
20	16QAM	1	49	18.20	18.21	18.24	18.20	18.17	19.4	0
20	16QAM	1	99	18.12	18.12	18.15	18.20	18.17		
20	16QAM	50	0	18.11	18.11	18.16	18.18	18.11		
20	16QAM	50	24	18.11	18.17	18.22	18.13	18.11	19.4	0
20	16QAM	50	50	18.20	18.20	18.16	18.21	18.19		
20	16QAM	100	0	18.21	18.13	18.19	18.21	18.21		
20	64QAM	1	0	18.14	18.11	18.14	18.18	18.11		
20	64QAM	1	49	18.11	18.19	18.18	18.14	18.20	19.4	0
20	64QAM	1	99	18.13	18.11	18.16	18.19	18.21		
20	64QAM	50	0	18.12	18.11	18.19	18.19	18.17		
20	64QAM	50	24	18.18	18.16	18.15	18.11	18.16	19.4	0
20	64QAM	50	50	18.11	18.15	18.21	18.13	18.17		
20	64QAM	100	0	18.11	18.18	18.20	18.19	18.12		
20	256QAM	1	0	18.19	18.18	18.23	18.20	18.11		
20	256QAM	1	49	18.17	18.20	18.15	18.22	18.21	19.4	0
20	256QAM	1	99	18.12	18.19	18.22	18.15	18.17		
20	256QAM	50	0	18.22	18.14	18.13	18.16	18.15		
20	256QAM	50	24	18.18	18.21	18.23	18.11	18.18	19.4	0
20	256QAM	50	50	18.17	18.11	18.16	18.14	18.22		
20	256QAM	100	0	18.20	18.11	18.23	18.20	18.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.11	18.21	18.24	18.13	18.14	19	0
15	QPSK	1	37	18.11	18.15	18.21	18.14	18.16		
15	QPSK	1	74	18.15	18.20	18.14	18.21	18.17		
15	QPSK	36	0	18.19	18.11	18.15	18.17	18.15	19.4	0
15	QPSK	36	20	18.15	18.15	18.17	18.21	18.16		
15	QPSK	36	39	18.16	18.14	18.15	18.20	18.12		
15	QPSK	75	0	18.21	18.16	18.17	18.19	18.12		
15	16QAM	1	0	18.18	18.20	18.12	18.20	18.21		
15	16QAM	1	37	18.17	18.14	18.20	18.12	18.19	19.4	0
15	16QAM	1	74	18.16	18.17	18.15	18.16	18.12		
15	16QAM	36	0	18.20	18.13	18.24	18.13	18.19		
15	16QAM	36	20	18.17	18.18	18.13	18.21	18.15	19.4	0
15	16QAM	36	39	18.12	18.16	18.18	18.10	18.11		
15	16QAM	75	0	18.15	18.10	18.18	18.19	18.16		
15	64QAM	1	0	18.13	18.16	18.22	18.13	18.10		
15	64QAM	1	37	18.21	18.13	18.18	18.16	18.15	19.4	0
15	64QAM	1	74	18.19	18.17	18.23	18.19	18.17		
15	64QAM	36	0	18.20	18.16	18.16	18.20	18.11		
15	64QAM	36	20	18.11	18.19	18.14	18.10	18.16	19.4	0
15	64QAM	36	39	18.12	18.20	18.23	18.12	18.19		
15	64QAM	75	0	18.18	18.15	18.16	18.11	18.20		
15	256QAM	1	0	18.19	18.15	18.16	18.20	18.22		
15	256QAM	1	37	18.12	18.19	18.22	18.13	18.16	19.4	0
15	256QAM	1	74	18.20	18.11	18.18	18.22	18.15		
15	256QAM	36	0	18.14	18.19	18.12	18.20	18.11		
15	256QAM	36	20	18.18	18.19	18.17	18.16	18.10	19.4	0
15	256QAM	36	39	18.22	18.11	18.21	18.12	18.13		
15	256QAM	75	0	18.13	18.11	18.20	18.16	18.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.15	18.19	18.23	18.15	18.17	19	0
10	QPSK	1	25	18.20	18.16	18.23	18.18	18.17		
10	QPSK	1	49	18.16	18.21	18.15	18.13	18.14		
10	QPSK	25	0	18.22	18.11	18.23	18.20	18.11	19.4	0
10	QPSK	25	12	18.18	18.17	18.18	18.18	18.12		
10	QPSK	25	25	18.19	18.13	18.23	18.21	18.18		
10	QPSK	50	0	18.15	18.21	18.19	18.13	18.13		
10	16QAM	1	0	18.13	18.14	18.14	18.13	18.14		
10	16QAM	1	25	18.17	18.16	18.13	18.10	18.21	19.4	0
10	16QAM	1	49	18.11	18.14	18.23	18.19	18.17		
10	16QAM	25	0	18.21	18.21	18.22	18.16	18.16		
10	16QAM	25	12	18.16	18.11	18.23	18.16	18.21	19.4	0
10	16QAM	25	25	18.19	18.18	18.15	18.18	18.21		
10	16QAM	50	0	18.22	18.18	18.13	18.13

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.47	20.55	20.46		
20	QPSK	1	49	20.41	20.43	20.45	21.6	0
20	QPSK	1	99	20.40	20.38	20.36		
20	QPSK	50	0	20.35	20.43	20.30		
20	QPSK	50	24	20.34	20.40	20.40	21.6	0
20	QPSK	50	50	20.30	20.40	20.40		
20	QPSK	100	0	20.40	20.44	20.29		
20	16QAM	1	0	20.37	20.43	20.40		
20	16QAM	1	49	20.43	20.47	20.39	21.6	0
20	16QAM	1	99	20.44	20.41	20.39		
20	16QAM	50	0	20.40	20.50	20.39		
20	16QAM	50	24	20.42	20.44	20.40	21.6	0
20	16QAM	50	50	20.33	20.41	20.45		
20	16QAM	100	0	20.44	20.34	20.46		
20	64QAM	1	0	20.30	20.41	20.48		
20	64QAM	1	49	20.45	20.46	20.36	21.6	0
20	64QAM	1	99	20.28	20.40	20.41		
20	64QAM	50	0	19.83	19.86	19.81		
20	64QAM	50	24	19.79	19.86	19.87	21	0.6
20	64QAM	50	50	19.82	19.81	19.84		
20	64QAM	100	0	19.88	19.88	19.74		
20	256QAM	1	0	17.20	17.32	17.13		
20	256QAM	1	49	17.02	17.18	17.01	19	2.6
20	256QAM	1	99	17.07	17.15	17.25		
20	256QAM	50	0	17.17	17.23	17.24		
20	256QAM	50	24	17.18	17.22	17.18		
20	256QAM	50	50	17.18	17.25	17.15	19	2.6
20	256QAM	100	0	17.02	17.30	17.09		
Channel				43190	43340	43315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.32	20.40	20.45		
15	QPSK	1	37	20.39	20.38	20.35	21.6	0
15	QPSK	1	74	20.41	20.36	20.34		
15	QPSK	36	0	20.30	20.42	20.36		
15	QPSK	36	20	20.29	20.32	20.30	21.6	0
15	QPSK	36	39	20.35	20.31	20.40		
15	QPSK	75	0	20.37	20.40	20.28		
15	16QAM	1	0	20.32	20.39	20.43		
15	16QAM	1	37	20.44	20.39	20.37	21.6	0
15	16QAM	1	74	20.37	20.40	20.33		
15	16QAM	36	0	20.40	20.36	20.34		
15	16QAM	36	20	20.38	20.29	20.32	21.6	0
15	16QAM	36	39	20.35	20.37	20.40		
15	16QAM	75	0	20.40	20.33	20.44		
15	64QAM	1	0	20.34	20.34	20.41		
15	64QAM	1	37	20.42	20.42	20.27	21.6	0
15	64QAM	1	74	20.25	20.28	20.32		
15	64QAM	36	0	19.76	19.77	19.75		
15	64QAM	36	20	19.80	19.71	19.88	21	0.6
15	64QAM	36	39	19.81	19.84	19.78		
15	64QAM	75	0	19.86	19.86	19.78		
15	256QAM	1	0	17.17	17.23	17.13		
15	256QAM	1	37	17.00	17.16	17.02	19	2.6
15	256QAM	1	74	17.03	17.06	17.22		
15	256QAM	36	0	17.06	17.17	17.22		
15	256QAM	36	20	17.07	17.14	17.17	19	2.6
15	256QAM	36	39	17.06	17.21	17.10		
15	256QAM	75	0	17.11	17.25	17.04		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.41	20.43	20.40		
10	QPSK	1	25	20.35	20.36	20.28	21.6	0
10	QPSK	1	49	20.42	20.32	20.28		
10	QPSK	25	0	20.34	20.41	20.35		
10	QPSK	25	12	20.33	20.29	20.30	21.6	0
10	QPSK	25	25	20.33	20.36	20.33		
10	QPSK	50	0	20.35	20.37	20.25		
10	16QAM	1	0	20.27	20.45	20.36		
10	16QAM	1	25	20.44	20.34	20.33	21.6	0
10	16QAM	1	49	20.40	20.46	20.33		
10	16QAM	25	0	20.34	20.35	20.36		
10	16QAM	25	12	20.31	20.31	20.34	21.6	0
10	16QAM	25	25	20.28	20.30	20.39		
10	16QAM	50	0	20.44	20.31	20.37		
10	64QAM	1	0	20.31	20.28	20.37		
10	64QAM	1	25	20.39	20.37	20.29	21.6	0
10	64QAM	1	49	20.33	20.34	20.31		
10	64QAM	25	0	19.75	19.80	19.80		
10	64QAM	25	12	19.76	19.75	19.86	21	0.6
10	64QAM	25	25	19.79	19.75	19.77		
10	64QAM	50	0	19.87	19.88	19.69		
10	256QAM	1	0	17.21	17.25	17.09		
10	256QAM	1	25	17.05	17.11	17.03	19	2.6
10	256QAM	1	49	17.08	17.08	17.18		
10	256QAM	25	0	17.10	17.17	17.25		
10	256QAM	25	12	17.09	17.13	17.23	19	2.6
10	256QAM	25	25	17.11	17.22	17.11		
10	256QAM	50	0	17.02	17.19	17.03		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.43	20.40	20.40		
5	QPSK	1	12	20.43	20.35	20.35	21.6	0
5	QPSK	1	24	20.42	20.33	20.32		
5	QPSK	12	0	20.34	20.38	20.31		
5	QPSK	12	7	20.29	20.41	20.31	21.6	0
5	QPSK	12	13	20.31	20.33	20.37		
5	QPSK	25	0	20.40	20.43	20.33		
5	16QAM	1	0	20.25	20.39	20.37		
5	16QAM	1	12	20.43	20.37	20.32	21.6	0
5	16QAM	1	24	20.33	20.47	20.29		
5	16QAM	12	0	20.36	20.39	20.30		
5	16QAM	12	7	20.30	20.39	20.39	21.6	0
5	16QAM	12	13	20.35	20.42	20.33		
5	16QAM	25	0	20.35	20.36	20.34		
5	64QAM	1	0	20.34	20.35	20.36		
5	64QAM	1	12	20.40	20.32	20.36	21.6	0
5	64QAM	1	24	20.29	20.35	20.36		
5	64QAM	12	0	19.83	19.86	19.73		
5	64QAM	12	7	19.72	19.73	19.79	21	0.6
5	64QAM	12	13	19.82	19.81	19.69		
5	64QAM	25	0	19.87	19.78	19.68		
5	256QAM	1	0	17.24	17.33	17.13		
5	256QAM	1	12	17.05	17.15	17.04	19	2.6
5	256QAM	1	24	17.06	17.07	17.15		
5	256QAM	12	0	17.10	17.17	17.26		
5	256QAM	12	7	17.12	17.15	17.21	19	2.6
5	256QAM	12	13	17.02	17.20	17.02		
5	256QAM	25	0	17.13	17.21	17.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.93	18.95	18.89		
20	QPSK	1	49	18.87	18.90	18.90	19.9	0
20	QPSK	1	99	18.85	18.92	18.92		
20	QPSK	50	0	18.92	18.94	18.85		
20	QPSK	50	24	18.90	18.90	18.90	19.9	0
20	QPSK	50	50	18.92	18.84	18.92		
20	QPSK	100	0	18.91	18.93	18.87		
20	16QAM	1	0	18.92	18.91	18.83		
20	16QAM	1	49	18.82	18.90	18.89	19.9	0
20	16QAM	1	99	18.86	18.94	18.81		
20	16QAM	50	0	18.82	18.86	18.91		
20	16QAM	50	24	18.83	18.93	18.92	19.9	0
20	16QAM	50	50	18.89	18.90	18.93		
20	16QAM	100	0	18.82	18.87	18.90		
20	64QAM	1	0	18.85	18.85	18.83		
20	64QAM	1	49	18.83	18.94	18.90	19.9	0
20	64QAM	1	99	18.83	18.93	18.90		
20	64QAM	50	0	18.87	18.87	18.89		
20	64QAM	50	24	18.90	18.90	18.87	19.9	0
20	64QAM	50	50	18.85	18.90	18.81		
20	64QAM	100	0	18.84	18.91	18.88		
20	256QAM	1	0	17.32	17.13	16.88		
20	256QAM	1	49	16.77	16.94	16.82	18	1.9
20	256QAM	1	99	16.80	16.81	16.69		
20	256QAM	50	0	16.89	16.96	16.87		
20	256QAM	50	24	16.87	16.94	16.81	18	1.9
20	256QAM	50	50	16.79	16.95	16.82		
20	256QAM	100	0	16.71	16.94	16.78		
Channel				42190	42590	42015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.92	18.90	18.88		
15	QPSK	1	37	18.84	18.87	18.88	19.9	0
15	QPSK	1	74	18.82	18.94	18.85		
15	QPSK	36	0	18.93	18.88	18.92		
15	QPSK	36	20	18.92	18.87	18.85	19.9	0
15	QPSK	36	39	18.84	18.91	18.91		
15	QPSK	75	0	18.91	18.90	18.81		
15	16QAM	1	0	18.86	18.89	18.83		
15	16QAM	1	37	18.86	18.83	18.83	19.9	0
15	16QAM	1	74	18.93	18.89	18.91		
15	16QAM	36	0	18.89	18.93	18.86		
15	16QAM	36	20	18.88	18.93	18.82	19.9	0
15	16QAM	36	39	18.84	18.92	18.86		
15	16QAM	75	0	18.91	18.85	18.83		
15	64QAM	1	0	18.88	18.86	18.87		
15	64QAM	1	37	18.92	18.92	18.83	19.9	0
15	64QAM	1	74	18.88	18.94	18.89		
15	64QAM	36	0	18.88	18.87	18.89		
15	64QAM	36	20	18.83	18.83	18.91	19.9	0
15	64QAM	36	39	18.86	18.87	18.88		
15	64QAM	75	0	18.87	18.84	18.92		
15	256QAM	1	0	16.79	16.85	16.81		
15	256QAM	1	37	16.66	16.68	16.80	18	1.9
15	256QAM	1	74	16.76	16.70	16.64		
15	256QAM	36	0	16.80	16.83	16.82		
15	256QAM	36	20	16.82	16.91	16.73	18	1.9
15	256QAM	36	39	16.73	16.86	16.71		
15	256QAM	75	0	16.57	16.91	16.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.81	18.85	18.84		
10	QPSK	1	25	18.85	18.92	18.89	19.9	0
10	QPSK	1	49	18.93	18.91	18.85		
10	QPSK	25	0	18.92	18.86	18.91		
10	QPSK	25	12	18.88	18.93	18.85	19.9	0
10	QPSK	25	25	18.84	18.95	18.87		
10	QPSK	50	0	18.85	18.95	18.86		
10	16QAM	1	0	18.86	18.90	18.82		
10	16QAM	1	25	18.85	18.93	18.83	19.9	0
10	16QAM	1	49	18.92	18.89	18.87		
10	16QAM	25	0	18.85	18.87	18.90		
10	16QAM	25	12	18.85	18.86	18.93	19.9	0
10	16QAM	25	25	18.91	18.89	18.92		
10	16QAM	50	0	18.88	18.94	18.91		
10	64QAM	1	0	18.90	18.90	18.83		
10	64QAM	1	25	18.86	18.89	18.85	19.9	0
10	64QAM	1	49	18.88	18.90	18.91		
10	64QAM	25	0	18.90	18.87	18.83		
10	64QAM	25	12	18.93	18.85	18.89	19.9	0
10	64QAM	25	25	18.88	18.83	18.81		
10	64QAM	50	0	18.93	18.91	18.88		
10	256QAM	1	0	16.83	16.85	16.83		
10	256QAM	1	25	16.63	16.87	16.76	18	1.9
10	256QAM	1	49	16.67	16.70	16.62		
10	256QAM	25	0	16.83	16.85	16.75		
10	256QAM	25	12	16.79	16.80	16.77	18	1.9
10	256QAM	25	25	16.67	16.84	16.74		
10	256QAM	50	0	16.59	16.83	16.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.86	18.92	18.91		
5	QPSK	1	12	18.86	18.90	18.84	19.9	0
5	QPSK	1	24	18.87	18.88	18.92		
5	QPSK	12	0	18.83	18.87	18.90		
5	QPSK	12	7	18.88	18.92	18.85	19.9	0
5	QPSK	12	13	18.90	18.93	18.82		
5	QPSK	25	0	18.82	18.86	18.84		
5	16QAM	1	0	18.89	18.90	18.83		
5	16QAM	1	12	18.88	18.86	18.82	19.9	0
5	16QAM	1	24	18.86	18.84	18.84		
5	16QAM	12	0	18.92	18.85	18.85		
5	16QAM	12	7	18.91	18.88	18.85	19.9	0
5	16QAM	12	13	18.87	18.84	18.84		
5	16QAM	25	0	18.84	18.91	18.84		
5	64QAM	1	0	18.89	18.87	18.90		
5	64QAM	1	12	18.89	18.84	18.86	19.9	0
5	64QAM	1	24	18.90	18.88	18.84		
5	64QAM	12	0	18.92	18.84	18.81		
5	64QAM	12	7	18.84	18.88	18.90	19.9	0
5	64QAM	12	13	18.93	18.88	18.81		
5	64QAM	25	0	18.86	18.90	18.82		
5	256QAM	1	0	16.82	16.80	16.78		
5	256QAM	1	12	16.66	16.89	16.76	18	1.9
5	256QAM	1	24	16.75	16.67	16.58		
5	256QAM	12	0	16.85	16.88	16.77		
5	256QAM	12	7	16.77	16.91	16.77	18	1.9
5	256QAM	12	13	16.70	16.86	16.71		
5	256QAM	25	0	16.60	16.85	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43990	44300	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.53	20.60	20.55		
20	QPSK	1	49	20.53	20.49	20.52	21.6	0
20	QPSK	1	99	20.54	20.52	20.48		
20	QPSK	50	0	20.49	20.57	20.46		
20	QPSK	50	24	20.49	20.50	20.50	21.6	0
20	QPSK	50	50	20.45	20.49	20.52		
20	QPSK	100	0	20.51	20.55	20.43		
20	16QAM	1	0	20.45	20.56	20.55		
20	16QAM	1	49	20.54	20.54	20.49	21.6	0
20	16QAM	1	99	20.50	20.56	20.43		
20	16QAM	50	0	20.51	20.55	20.46		
20	16QAM	50	24	20.49	20.49	20.51	21.6	0
20	16QAM	50	50	20.46	20.51	20.54		
20	16QAM	100	0	20.53	20.49	20.53		
20	64QAM	1	0	20.44	20.46	20.52		
20	64QAM	1	49	20.52	20.53	20.44	21.6	0
20	64QAM	1	99	20.44	20.48	20.45		
20	64QAM	50	0	19.95	19.97	19.93		
20	64QAM	50	24	19.92	19.92	19.98	21	0.6
20	64QAM	50	50	19.91	19.98	19.89		
20	64QAM	100	0	19.97	19.98	19.89		
20	256QAM	1	0	17.34	17.43	17.24		
20	256QAM	1	49	17.12	17.30	17.16	19	2.6
20	256QAM	1	99	17.19	17.23	17.34		
20	256QAM	50	0	17.25	17.29	17.36		
20	256QAM	50	24	17.27	17.32	17.33	19	2.6
20	256QAM	50	50	17.23	17.39	17.23		
20	256QAM	100	0	17.12	17.38	17.20		
Channel				43965	44300	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.52	20.49	20.53		
15	QPSK	1	37	20.49	20.50	20.43	21.6	0
15	QPSK	1	74	20.54	20.46	20.47		
15	QPSK	36	0	20.52	20.49	20.55		
15	QPSK	36	20	20.53	20.49	20.43	21.6	0
15	QPSK	36	39	20.50	20.47	20.47		
15	QPSK	75	0	20.54	20.52	20.52		
15	16QAM	1	0	20.48	20.51	20.55		
15	16QAM	1	37	20.51	20.47	20.46	21.6	0
15	16QAM	1	74	20.50	20.50	20.44		
15	16QAM	36	0	20.53	20.52	20.53		
15	16QAM	36	20	20.54	20.53	20.49	21.6	0
15	16QAM	36	39	20.55	20.48	20.52		
15	16QAM	75	0	20.44	20.47	20.48		
15	64QAM	1	0	20.54	20.45	20.46		
15	64QAM	1	37	20.49	20.50	20.54	21.6	0
15	64QAM	1	74	20.46	20.53	20.47		
15	64QAM	36	0	19.93	19.96	19.99		
15	64QAM	36	20	19.96	19.94	19.99	21	0.6
15	64QAM	36	39	19.98	19.95	19.91		
15	64QAM	75	0	19.97	19.99	19.96		
15	256QAM	1	0	17.21	17.30	17.14		
15	256QAM	1	37	17.02	17.22	17.07	19	2.6
15	256QAM	1	74	17.09	17.15	17.24		
15	256QAM	36	0	17.13	17.18	17.23		
15	256QAM	36	20	17.16	17.24	17.22	19	2.6
15	256QAM	36	39	17.11	17.26	17.16		
15	256QAM	75	0	17.04	17.30	17.11		
Channel				43940	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.50	20.56	20.50		
10	QPSK	1	25	20.43	20.48	20.43	21.6	0
10	QPSK	1	49	20.45	20.57	20.50		
10	QPSK	25	0	20.46	20.51	20.54		
10	QPSK	25	12	20.52	20.45	20.54	21.6	0
10	QPSK	25	25	20.46	20.55	20.47		
10	QPSK	50	0	20.53	20.49	20.52		
10	16QAM	1	0	20.51	20.53	20.48		
10	16QAM	1	25	20.49	20.51	20.45	21.6	0
10	16QAM	1	49	20.45	20.56	20.52		
10	16QAM	25	0	20.43	20.52	20.52		
10	16QAM	25	12	20.54	20.47	20.51	21.6	0
10	16QAM	25	25	20.48	20.48	20.46		
10	16QAM	50	0	20.49	20.52	20.53		
10	64QAM	1	0	20.45	20.51	20.53		
10	64QAM	1	25	20.48	20.53	20.46	21.6	0
10	64QAM	1	49	20.49	20.53	20.48		
10	64QAM	25	0	19.97	19.89	19.91		
10	64QAM	25	12	19.96	19.97	19.89	21	0.6
10	64QAM	25	25	19.99	19.93	19.92		
10	64QAM	50	0	19.95	19.99	19.99		
10	256QAM	1	0	17.25	17.35	17.15		
10	256QAM	1	25	17.04	17.20	17.04	19	2.6
10	256QAM	1	49	17.08	17.11	17.23		
10	256QAM	25	0	17.15	17.20	17.28		
10	256QAM	25	12	17.20	17.24	17.22	19	2.6
10	256QAM	25	25	17.14	17.29	17.13		
10	256QAM	50	0	17.00	17.28	17.11		
Channel				43915	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.47	20.54	20.55		
5	QPSK	1	12	20.51	20.52	20.55	21.6	0
5	QPSK	1	24	20.52	20.47	20.47		
5	QPSK	12	0	20.53	20.48	20.45		
5	QPSK	12	7	20.44	20.47	20.50	21.6	0
5	QPSK	12	13	20.50	20.47	20.47		
5	QPSK	25	0	20.48	20.53	20.49		
5	16QAM	1	0	20.51	20.47	20.50		
5	16QAM	1	12	20.53	20.56	20.53	21.6	0
5	16QAM	1	24	20.51	20.53	20.47		
5	16QAM	12	0	20.54	20.48	20.53		
5	16QAM	12	7	20.45	20.46	20.45	21.6	0
5	16QAM	12	13	20.52	20.53	20.47		
5	16QAM	25	0	20.49	20.47	20.43		
5	64QAM	1	0	20.46	20.46	20.52		
5	64QAM	1	12	20.54	20.50	20.50	21.6	0
5	64QAM	1	24	20.53	20.54	20.54		
5	64QAM	12	0	19.95	19.91	19.92		
5	64QAM	12	7	19.92	19.96	19.96	21	0.6
5	64QAM	12	13	19.92	19.94	19.91		
5	64QAM	25	0	19.90	19.93	19.97		
5	256QAM	1	0	17.23	17.33	17.17		
5	256QAM	1	12	17.04	17.17	17.05	19	2.6
5	256QAM	1	24	17.07	17.12	17.21		
5	256QAM	12	0	17.14	17.16	17.28		
5	256QAM	12	7	17.17	17.19	17.23	19	2.6
5	256QAM	12	13	17.11	17.26	17.12		
5	256QAM	25	0	17.01	17.26	17.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.62	20.64	20.56	20.50		
20	QPSK	1	49	20.51	20.58	20.51	20.52	21.6	0
20	QPSK	1	99	20.49	20.55	20.56	20.59		
20	QPSK	50	0	20.49	20.59	20.58	20.55		
20	QPSK	50	24	20.58	20.56	20.56	20.52	21.6	0
20	QPSK	50	50	20.58	20.55	20.57	20.53		
20	QPSK	100	0	20.48	20.57	20.55	20.52		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.45	18.53	18.43		
20	QPSK	1	49	18.45	18.45	18.48	19.4	0
20	QPSK	1	99	18.41	18.40	18.40		
20	QPSK	50	0	18.38	18.49	18.46		
20	QPSK	50	24	18.39	18.44	18.45	19.4	0
20	QPSK	50	50	18.43	18.42	18.40		
20	QPSK	100	0	18.38	18.48	18.47		
20	16QAM	1	0	18.45	18.48	18.44		
20	16QAM	1	49	18.42	18.49	18.49	19.4	0
20	16QAM	1	99	18.39	18.47	18.49		
20	16QAM	50	0	18.44	18.41	18.48		
20	16QAM	50	24	18.49	18.51	18.47	19.4	0
20	16QAM	50	50	18.39	18.40	18.44		
20	16QAM	100	0	18.44	18.51	18.42		
20	64QAM	1	0	18.45	18.40	18.49		
20	64QAM	1	49	18.39	18.44	18.37	19.4	0
20	64QAM	1	99	18.40	18.39	18.46		
20	64QAM	50	0	18.45	18.50	18.44		
20	64QAM	50	24	18.47	18.47	18.39	19.4	0
20	64QAM	50	50	18.43	18.42	18.49		
20	64QAM	100	0	18.43	18.42	18.39		
20	256QAM	1	0	17.80	18.05	18.00		
20	256QAM	1	49	17.83	17.97	17.86	19	0.4
20	256QAM	1	99	17.80	17.99	17.92		
20	256QAM	50	0	17.90	18.02	17.97		
20	256QAM	50	24	17.91	17.98	17.94	19.4	0
20	256QAM	50	50	17.83	17.90	17.97		
20	256QAM	100	0	17.79	18.00	17.89		
Channel				43190	43340	43315	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	18.46	18.46	18.46		
15	QPSK	1	37	18.37	18.51	18.49	19.4	0
15	QPSK	1	74	18.44	18.45	18.45		
15	QPSK	36	0	18.40	18.49	18.42		
15	QPSK	36	20	18.43	18.50	18.46	19.4	0
15	QPSK	36	39	18.47	18.40	18.38		
15	QPSK	75	0	18.42	18.41	18.45		
15	16QAM	1	0	18.44	18.41	18.42		
15	16QAM	1	37	18.37	18.45	18.43	19.4	0
15	16QAM	1	74	18.38	18.49	18.48		
15	16QAM	36	0	18.46	18.48	18.42		
15	16QAM	36	20	18.37	18.40	18.38	19.4	0
15	16QAM	36	39	18.39	18.44	18.44		
15	16QAM	75	0	18.41	18.48	18.48		
15	64QAM	1	0	18.43	18.40	18.43		
15	64QAM	1	37	18.44	18.46	18.47	19.4	0
15	64QAM	1	74	18.41	18.51	18.44		
15	64QAM	36	0	18.46	18.43	18.43		
15	64QAM	36	20	18.42	18.50	18.48	19.4	0
15	64QAM	36	39	18.44	18.48	18.48		
15	64QAM	75	0	18.43	18.42	18.42		
15	256QAM	1	0	17.79	17.96	17.97		
15	256QAM	1	37	17.75	17.95	17.76	19	0.4
15	256QAM	1	74	17.69	17.96	17.85		
15	256QAM	36	0	17.87	17.98	17.93		
15	256QAM	36	20	17.91	17.88	17.82	19.4	0
15	256QAM	36	39	17.78	17.81	17.90		
15	256QAM	75	0	17.74	17.93	17.97		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	18.39	18.51	18.38		
10	QPSK	1	25	18.41	18.46	18.40	19.4	0
10	QPSK	1	49	18.44	18.51	18.41		
10	QPSK	25	0	18.37	18.47	18.41		
10	QPSK	25	12	18.41	18.47	18.47	19.4	0
10	QPSK	25	25	18.38	18.40	18.38		
10	QPSK	50	0	18.45	18.46	18.44		
10	16QAM	1	0	18.37	18.42	18.49		
10	16QAM	1	25	18.40	18.42	18.48	19.4	0
10	16QAM	1	49	18.38	18.49	18.40		
10	16QAM	25	0	18.37	18.45	18.38		
10	16QAM	25	12	18.48	18.46	18.42	19.4	0
10	16QAM	25	25	18.46	18.44	18.41		
10	16QAM	50	0	18.38	18.48	18.39		
10	64QAM	1	0	18.43	18.49	18.42		
10	64QAM	1	25	18.42	18.50	18.40	19.4	0
10	64QAM	1	49	18.39	18.46	18.47		
10	64QAM	25	0	18.43	18.46	18.37		
10	64QAM	25	12	18.39	18.46	18.45	19.4	0
10	64QAM	25	25	18.40	18.42	18.46		
10	64QAM	50	0	18.46	18.45	18.44		
10	256QAM	1	0	17.79	17.93	17.90		
10	256QAM	1	25	17.80	17.91	17.76	19	0.4
10	256QAM	1	49	17.74	17.90	17.81		
10	256QAM	25	0	17.80	17.92	17.86		
10	256QAM	25	12	17.86	17.94	17.86	19.4	0
10	256QAM	25	25	17.76	17.77	17.86		
10	256QAM	50	0	17.76	17.93	17.77		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	18.44	18.42	18.43		
5	QPSK	1	12	18.39	18.49	18.44	19.4	0
5	QPSK	1	24	18.41	18.46	18.45		
5	QPSK	12	0	18.43	18.47	18.40		
5	QPSK	12	7	18.39	18.42	18.45	19.4	0
5	QPSK	12	13	18.43	18.50	18.42		
5	QPSK	25	0	18.48	18.42	18.46		
5	16QAM	1	0	18.46	18.49	18.38		
5	16QAM	1	12	18.40	18.46	18.43	19.4	0
5	16QAM	1	24	18.48	18.42	18.39		
5	16QAM	12	0	18.38	18.48	18.48		
5	16QAM	12	7	18.48	18.46	18.47	19.4	0
5	16QAM	12	13	18.38	18.50	18.42		
5	16QAM	25	0	18.38	18.43	18.42		
5	64QAM	1	0	18.38	18.44	18.47		
5	64QAM	1	12	18.49	18.40	18.45	19.4	0
5	64QAM	1	24	18.42	18.46	18.45		
5	64QAM	12	0	18.38	18.42	18.40		
5	64QAM	12	7	18.40	18.50	18.47	19.4	0
5	64QAM	12	13	18.43	18.41	18.47		
5	64QAM	25	0	18.43	18.47	18.46		
5	256QAM	1	0	17.84	17.97	17.91		
5	256QAM	1	12	17.77	17.94	17.78	19.4	0
5	256QAM	1	24	17.76	17.91	17.84		
5	256QAM	12	0	17.80	17.98	17.91		
5	256QAM	12	7	17.92	17.94	17.81	19.4	0
5	256QAM	12	13	17.69	17.78	17.91		
5	256QAM	25	0	17.67	17.90	17.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.50	18.52	18.48		
20	QPSK	1	49	18.48	18.49	18.46	19.4	0
20	QPSK	1	99	18.39	18.46	18.44		
20	QPSK	50	0	18.47	18.49	18.44		
20	QPSK	50	24	18.37	18.47	18.48	19.4	0
20	QPSK	50	50	18.44	18.45	18.46		
20	QPSK	100	0	18.44	18.48	18.47		
20	16QAM	1	0	18.40	18.46	18.38		
20	16QAM	1	49	18.44	18.45	18.48	19.4	0
20	16QAM	1	99	18.39	18.44	18.45		
20	16QAM	50	0	18.44	18.42	18.39		
20	16QAM	50	24	18.40	18.44	18.40	19.4	0
20	16QAM	50	50	18.44	18.50	18.46		
20	16QAM	100	0	18.39	18.39	18.38		
20	64QAM	1	0	18.48	18.43	18.40		
20	64QAM	1	49	18.39	18.42	18.46	19.4	0
20	64QAM	1	99	18.42	18.49	18.47		
20	64QAM	50	0	18.39	18.40	18.38		
20	64QAM	50	24	18.44	18.44	18.40	19.4	0
20	64QAM	50	50	18.42	18.37	18.44		
20	64QAM	100	0	18.37	18.47	18.45		
20	256QAM	1	0	17.97	17.99	17.87		
20	256QAM	1	49	17.85	17.87	17.84	19	0.4
20	256QAM	1	99	17.82	17.84	17.68		
20	256QAM	50	0	17.91	17.90	17.88		
20	256QAM	50	24	17.86	17.93	17.89	19	0.4
20	256QAM	50	50	17.85	17.95	17.87		
20	256QAM	100	0	17.88	17.88	17.79		
Channel				42190	42590	42015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.40	18.37	18.38		
15	QPSK	1	37	18.44	18.40	18.35	19.4	0
15	QPSK	1	74	18.40	18.41	18.44		
15	QPSK	36	0	18.37	18.40	18.44		
15	QPSK	36	20	18.35	18.45	18.38	19.4	0
15	QPSK	36	39	18.43	18.38	18.41		
15	QPSK	75	0	18.36	18.39	18.35		
15	16QAM	1	0	18.42	18.42	18.39		
15	16QAM	1	37	18.43	18.44	18.36	19.4	0
15	16QAM	1	74	18.39	18.48	18.35		
15	16QAM	36	0	18.43	18.38	18.39		
15	16QAM	36	20	18.35	18.37	18.43	19.4	0
15	16QAM	36	39	18.38	18.38	18.35		
15	16QAM	75	0	18.44	18.37	18.45		
15	64QAM	1	0	18.44	18.44	18.34		
15	64QAM	1	37	18.35	18.45	18.42	19.4	0
15	64QAM	1	74	18.37	18.41	18.39		
15	64QAM	36	0	18.38	18.46	18.40		
15	64QAM	36	20	18.46	18.39	18.40	19.4	0
15	64QAM	36	39	18.35	18.44	18.39		
15	64QAM	75	0	18.34	18.40	18.41		
15	256QAM	1	0	17.88	17.91	17.74		
15	256QAM	1	37	17.75	17.84	17.73	19	0.4
15	256QAM	1	74	17.69	17.76	17.55		
15	256QAM	36	0	17.85	17.78	17.83		
15	256QAM	36	20	17.74	17.86	17.82	19	0.4
15	256QAM	36	39	17.78	17.92	17.82		
15	256QAM	75	0	17.82	17.83	17.72		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.43	18.40	18.34		
10	QPSK	1	25	18.42	18.39	18.35	19.4	0
10	QPSK	1	49	18.46	18.40	18.34		
10	QPSK	25	0	18.39	18.46	18.40		
10	QPSK	25	12	18.44	18.42	18.44	19.4	0
10	QPSK	25	25	18.41	18.43	18.39		
10	QPSK	50	0	18.44	18.44	18.40		
10	16QAM	1	0	18.37	18.42	18.35		
10	16QAM	1	25	18.43	18.46	18.39	19.4	0
10	16QAM	1	49	18.46	18.37	18.43		
10	16QAM	25	0	18.43	18.41	18.43		
10	16QAM	25	12	18.40	18.43	18.42	19.4	0
10	16QAM	25	25	18.44	18.45	18.38		
10	16QAM	50	0	18.41	18.45	18.36		
10	64QAM	1	0	18.34	18.39	18.43		
10	64QAM	1	25	18.35	18.37	18.34	19.4	0
10	64QAM	1	49	18.42	18.44	18.34		
10	64QAM	25	0	18.44	18.43	18.41		
10	64QAM	25	12	18.38	18.41	18.34	19.4	0
10	64QAM	25	25	18.40	18.42	18.37		
10	64QAM	50	0	18.36	18.37	18.41		
10	256QAM	1	0	17.83	17.91	17.76		
10	256QAM	1	25	17.80	17.85	17.76	19	0.4
10	256QAM	1	49	17.75	17.74	17.63		
10	256QAM	25	0	17.81	17.82	17.80		
10	256QAM	25	12	17.77	17.84	17.77	19	0.4
10	256QAM	25	25	17.79	17.82	17.82		
10	256QAM	50	0	17.84	17.77	17.77		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.42	18.47	18.40		
5	QPSK	1	12	18.45	18.40	18.42	19.4	0
5	QPSK	1	24	18.35	18.46	18.40		
5	QPSK	12	0	18.34	18.42	18.44		
5	QPSK	12	7	18.36	18.46	18.41	19.4	0
5	QPSK	12	13	18.40	18.48	18.44		
5	QPSK	25	0	18.40	18.44	18.34		
5	16QAM	1	0	18.38	18.44	18.38		
5	16QAM	1	12	18.34	18.38	18.41	19.4	0
5	16QAM	1	24	18.40	18.39	18.35		
5	16QAM	12	0	18.45	18.46	18.38		
5	16QAM	12	7	18.41	18.44	18.43	19.4	0
5	16QAM	12	13	18.40	18.39	18.39		
5	16QAM	25	0	18.43	18.37	18.38		
5	64QAM	1	0	18.45	18.41	18.40		
5	64QAM	1	12	18.44	18.40	18.40	19.4	0
5	64QAM	1	24	18.41	18.44	18.37		
5	64QAM	12	0	18.35	18.38	18.40		
5	64QAM	12	7	18.43	18.40	18.40	19.4	0
5	64QAM	12	13	18.46	18.41	18.44		
5	64QAM	25	0	18.38	18.39	18.37		
5	256QAM	1	0	17.86	17.91	17.75		
5	256QAM	1	12	17.79	17.82	17.76	19	0.4
5	256QAM	1	24	17.74	17.82	17.56		
5	256QAM	12	0	17.86	17.77	17.82		
5	256QAM	12	7	17.75	17.82	17.82	19	0.4
5	256QAM	12	13	17.77	17.89	17.83		
5	256QAM	25	0	17.77	17.85	17.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	18.52	18.58	18.52		
20	QPSK	1	49	18.48	18.52	18.53	19.4	0
20	QPSK	1	99	18.44	18.53	18.47		
20	QPSK	50	0	18.47	18.55	18.49		
20	QPSK	50	24	18.50	18.50	18.47	19.4	0
20	QPSK	50	50	18.52	18.45	18.52		
20	QPSK	100	0	18.45	18.51	18.43		
20	16QAM	1	0	18.42	18.45	18.51		
20	16QAM	1	49	18.54	18.56	18.53	19.4	0
20	16QAM	1	99	18.44	18.49	18.46		
20	16QAM	50	0	18.46	18.45	18.45		
20	16QAM	50	24	18.53	18.45	18.48	19.4	0
20	16QAM	50	50	18.52	18.52	18.48		
20	16QAM	100	0	18.47	18.48	18.52		
20	64QAM	1	0	18.49	18.55	18.51		
20	64QAM	1	49	18.45	18.48	18.45	19.4	0
20	64QAM	1	99	18.50	18.47	18.49		
20	64QAM	50	0	18.46	18.56	18.52		
20	64QAM	50	24	18.46	18.49	18.53	19.4	0
20	64QAM	50	50	18.45	18.55	18.48		
20	64QAM	100	0	18.45	18.50	18.52		
20	256QAM	1	0	18.35	18.39	18.36		
20	256QAM	1	49	18.29	18.31	18.20	19.4	0
20	256QAM	1	99	18.20	18.27	18.24		
20	256QAM	50	0	18.18	18.37	18.34		
20	256QAM	50	24	18.26	18.38	18.27	19.4	0
20	256QAM	50	50	18.25	18.28	18.29		
20	256QAM	100	0	18.19	18.17	18.29		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.46	18.44	18.45		
15	QPSK	1	37	18.46	18.47	18.52	19.4	0
15	QPSK	1	74	18.43	18.45	18.43		
15	QPSK	36	0	18.51	18.52	18.45		
15	QPSK	36	20	18.50	18.55	18.47	19.4	0
15	QPSK	36	39	18.49	18.53	18.54		
15	QPSK	75	0	18.51	18.54	18.44		
15	16QAM	1	0	18.46	18.55	18.51		
15	16QAM	1	37	18.45	18.55	18.48	19.4	0
15	16QAM	1	74	18.47	18.46	18.43		
15	16QAM	36	0	18.50	18.51	18.45		
15	16QAM	36	20	18.43	18.50	18.52	19.4	0
15	16QAM	36	39	18.50	18.49	18.51		
15	16QAM	75	0	18.46	18.54	18.52		
15	64QAM	1	0	18.47	18.49	18.53		
15	64QAM	1	37	18.43	18.46	18.45	19.4	0
15	64QAM	1	74	18.48	18.47	18.45		
15	64QAM	36	0	18.44	18.53	18.47		
15	64QAM	36	20	18.52	18.54	18.51	19.4	0
15	64QAM	36	39	18.51	18.55	18.48		
15	64QAM	75	0	18.51	18.50	18.48		
15	256QAM	1	0	18.27	18.36	18.22		
15	256QAM	1	37	18.18	18.29	18.08	19.4	0
15	256QAM	1	74	18.14	18.19	18.16		
15	256QAM	36	0	18.14	18.27	18.29		
15	256QAM	36	20	18.21	18.28	18.22	19.4	0
15	256QAM	36	39	18.11	18.20	18.24		
15	256QAM	75	0	18.14	18.15	18.21		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	18.42	18.47	18.51		
10	QPSK	1	25	18.48	18.48	18.43	19.4	0
10	QPSK	1	49	18.46	18.53	18.47		
10	QPSK	25	0	18.43	18.46	18.51		
10	QPSK	25	12	18.48	18.50	18.50	19.4	0
10	QPSK	25	25	18.51	18.52	18.44		
10	QPSK	50	0	18.52	18.49	18.44		
10	16QAM	1	0	18.43	18.45	18.53		
10	16QAM	1	25	18.48	18.53	18.49	19.4	0
10	16QAM	1	49	18.48	18.55	18.46		
10	16QAM	25	0	18.48	18.47	18.46		
10	16QAM	25	12	18.45	18.46	18.54	19.4	0
10	16QAM	25	25	18.51	18.45	18.47		
10	16QAM	50	0	18.46	18.53	18.44		
10	64QAM	1	0	18.47	18.52	18.45		
10	64QAM	1	25	18.44	18.50	18.49	19.4	0
10	64QAM	1	49	18.54	18.46	18.46		
10	64QAM	25	0	18.50	18.50	18.48		
10	64QAM	25	12	18.50	18.54	18.45	19.4	0
10	64QAM	25	25	18.49	18.50	18.51		
10	64QAM	50	0	18.43	18.50	18.47		
10	256QAM	1	0	18.31	18.31	18.22		
10	256QAM	1	25	18.16	18.17	18.07	19.4	0
10	256QAM	1	49	18.11	18.19	18.12		
10	256QAM	25	0	18.13	18.33	18.24		
10	256QAM	25	12	18.13	18.24	18.23	19.4	0
10	256QAM	25	25	18.13	18.16	18.20		
10	256QAM	50	0	18.09	18.09	18.20		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.49	18.53	18.46		
5	QPSK	1	12	18.45	18.52	18.52	19.4	0
5	QPSK	1	24	18.50	18.47	18.45		
5	QPSK	12	0	18.49	18.51	18.46		
5	QPSK	12	7	18.42	18.53	18.45	19.4	0
5	QPSK	12	13	18.51	18.53	18.43		
5	QPSK	25	0	18.49	18.45	18.43		
5	16QAM	1	0	18.51	18.47	18.52		
5	16QAM	1	12	18.51	18.46	18.53	19.4	0
5	16QAM	1	24	18.55	18.55	18.49		
5	16QAM	12	0	18.54	18.47	18.51		
5	16QAM	12	7	18.44	18.46	18.52	19.4	0
5	16QAM	12	13	18.51	18.45	18.52		
5	16QAM	25	0	18.44	18.55	18.45		
5	64QAM	1	0	18.46	18.53	18.44		
5	64QAM	1	12	18.47	18.54	18.44	19.4	0
5	64QAM	1	24	18.44	18.53	18.50		
5	64QAM	12	0	18.49	18.54	18.51		
5	64QAM	12	7	18.47	18.45	18.44	19.4	0
5	64QAM	12	13	18.45	18.51	18.44		
5	64QAM	25	0	18.50	18.45	18.47		
5	256QAM	1	0	18.31	18.27	18.34		
5	256QAM	1	12	18.27	18.24	18.18	19.4	0
5	256QAM	1	24	18.08	18.19	18.18		
5	256QAM	12	0	18.08	18.31	18.30		
5	256QAM	12	7	18.22	18.26	18.25	19.4	0
5	256QAM	12	13	18.17	18.25	18.24		
5	256QAM	25	0	18.07	18.10	18.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56640	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.56	18.64	18.50	18.61		
20	QPSK	1	49	18.59	18.55	18.59	18.54	19.4	0
20	QPSK	1	99	18.54	18.55	18.49	18.48		
20	QPSK	50	0	18.48	18.61	18.57	18.50		
20	QPSK	50	24	18.51	18.56	18.59	18.50	19.4	0
20	QPSK	50	50	18.55	18.60	18.55	18.58		
20	QPSK	100	0	18.58	18.59	18.49	18.58		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	17.99	18.05	18.02	19.3	0
20	QPSK	1	49	17.91	18.00	17.96		
20	QPSK	1	99	17.97	17.99	18.00		
20	QPSK	50	0	17.92	18.03	17.99	19.3	0
20	QPSK	50	24	18.00	17.94	18.00		
20	QPSK	50	50	17.96	18.01	17.97		
20	QPSK	100	0	17.93	17.99	17.92		
20	16QAM	1	0	17.95	17.96	17.95		
20	16QAM	1	49	18.03	17.95	18.03	19.3	0
20	16QAM	1	99	18.03	18.02	17.94		
20	16QAM	50	0	17.91	17.96	18.00		
20	16QAM	50	24	17.97	18.01	18.02	19.3	0
20	16QAM	50	50	17.91	18.00	17.95		
20	16QAM	100	0	18.02	17.96	18.03		
20	64QAM	1	0	17.93	17.99	17.96	19.3	0
20	64QAM	1	49	17.92	17.95	17.96		
20	64QAM	1	99	17.96	18.00	17.91		
20	64QAM	50	0	18.00	18.00	18.00		
20	64QAM	50	24	18.02	17.98	18.01	19.3	0
20	64QAM	50	50	18.02	18.01	17.94		
20	64QAM	100	0	17.92	18.00	17.98		
20	256QAM	1	0	17.48	17.51	17.33		
20	256QAM	1	49	17.40	17.47	17.38	19	0.3
20	256QAM	1	99	17.46	17.37	17.28		
20	256QAM	50	0	17.53	17.56	17.44		
20	256QAM	50	24	17.39	17.58	17.36	19	0.3
20	256QAM	50	50	17.49	17.45	17.26		
20	256QAM	100	0	17.44	17.34	17.31		
Channel				43190	43340	43310	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	17.92	17.97	17.98	19.3	0
15	QPSK	1	37	17.98	17.93	17.93		
15	QPSK	1	74	18.02	18.01	17.99		
15	QPSK	36	0	17.93	18.01	17.92	19.3	0
15	QPSK	36	20	17.92	17.95	17.98		
15	QPSK	36	39	17.97	18.02	17.98		
15	QPSK	75	0	18.02	18.02	17.99		
15	16QAM	1	0	18.00	17.98	17.98	19.3	0
15	16QAM	1	37	17.99	17.93	18.01		
15	16QAM	1	74	17.92	18.02	17.97		
15	16QAM	36	0	17.95	17.94	17.91	19.3	0
15	16QAM	36	20	17.91	17.94	17.98		
15	16QAM	36	39	17.93	17.96	17.93		
15	16QAM	75	0	17.99	17.94	17.99		
15	64QAM	1	0	17.94	17.95	18.02	19.3	0
15	64QAM	1	37	17.94	17.95	17.92		
15	64QAM	1	74	17.98	18.00	17.99		
15	64QAM	36	0	18.03	17.95	17.95	19.3	0
15	64QAM	36	20	18.00	18.02	18.01		
15	64QAM	36	39	17.95	18.04	17.99		
15	64QAM	75	0	18.01	17.97	18.00		
15	256QAM	1	0	17.37	17.39	17.27	19	0.3
15	256QAM	1	37	17.39	17.38	17.31		
15	256QAM	1	74	17.38	17.26	17.21		
15	256QAM	36	0	17.48	17.45	17.37	19	0.3
15	256QAM	36	20	17.29	17.48	17.32		
15	256QAM	36	39	17.45	17.42	17.18		
15	256QAM	75	0	17.38	17.22	17.23		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	17.97	17.98	17.91	19.3	0
10	QPSK	1	25	18.01	18.00	17.99		
10	QPSK	1	49	18.01	17.96	17.95		
10	QPSK	25	0	18.02	18.03	18.01	19.3	0
10	QPSK	25	12	17.93	18.02	17.94		
10	QPSK	25	25	17.93	18.03	17.94		
10	QPSK	50	0	17.95	18.04	18.01	19.3	0
10	16QAM	1	0	18.01	17.95	18.00		
10	16QAM	1	25	17.92	17.97	18.01		
10	16QAM	1	49	18.01	17.99	17.97		
10	16QAM	25	0	18.00	17.94	17.96	19.3	0
10	16QAM	25	12	17.94	17.99	17.96		
10	16QAM	25	25	18.02	18.01	17.94		
10	16QAM	50	0	18.02	18.02	18.02		
10	64QAM	1	0	17.91	18.03	17.94	19.3	0
10	64QAM	1	25	18.02	17.95	17.94		
10	64QAM	1	49	17.97	17.96	17.92		
10	64QAM	25	0	17.96	17.94	18.02	19.3	0
10	64QAM	25	12	18.00	17.97	17.93		
10	64QAM	25	25	17.97	18.03	18.02		
10	64QAM	50	0	17.91	18.01	18.02		
10	256QAM	1	0	17.43	17.41	17.30	19	0.3
10	256QAM	1	25	17.36	17.36	17.25		
10	256QAM	1	49	17.42	17.29	17.17		
10	256QAM	25	0	17.45	17.51	17.41	19	0.3
10	256QAM	25	12	17.29	17.45	17.31		
10	256QAM	25	25	17.35	17.36	17.18		
10	256QAM	50	0	17.31	17.37	17.22		
Channel				43115	43240	43365	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	18.02	18.03	17.97	19.3	0
5	QPSK	1	12	17.96	17.95	17.99		
5	QPSK	1	24	17.95	17.99	18.02		
5	QPSK	12	0	17.99	18.01	17.95	19.3	0
5	QPSK	12	7	18.00	18.04	17.99		
5	QPSK	12	13	18.00	17.98	17.95		
5	QPSK	25	0	17.98	18.05	17.93		
5	16QAM	1	0	17.99	17.99	17.96	19.3	0
5	16QAM	1	12	17.95	17.95	18.01		
5	16QAM	1	24	17.95	18.02	17.92		
5	16QAM	12	0	17.96	18.01	17.99	19.3	0
5	16QAM	12	7	17.92	18.02	18.01		
5	16QAM	12	13	18.01	17.98	17.94		
5	16QAM	25	0	18.00	17.94	17.97	19.3	0
5	64QAM	1	0	18.00	18.00	18.01		
5	64QAM	1	12	17.97	17.94	17.97		
5	64QAM	1	24	18.00	18.02	17.95		
5	64QAM	12	0	17.95	17.95	17.93	19.3	0
5	64QAM	12	7	17.94	18.00	17.97		
5	64QAM	12	13	17.96	18.03	17.96		
5	64QAM	25	0	17.96	17.98	18.03		
5	256QAM	1	0	17.40	17.43	17.31	19	0.3
5	256QAM	1	12	17.40	17.27	17.28		
5	256QAM	1	24	17.33	17.33	17.15		
5	256QAM	12	0	17.39	17.53	17.42	19	0.3
5	256QAM	12	7	17.31	17.50	17.27		
5	256QAM	12	13	17.40	17.35	17.23		
5	256QAM	25	0	17.36	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.50	18.53	18.47	19.5	0
20	QPSK	1	49	18.47	18.43	18.48		
20	QPSK	1	99	18.40	18.46	18.41		
20	QPSK	50	0	18.42	18.51	18.47	19.5	0
20	QPSK	50	24	18.41	18.48	18.43		
20	QPSK	50	50	18.45	18.48	18.47		
20	QPSK	100	0	18.49	18.50	18.46		
20	16QAM	1	0	18.42	18.42	18.40	19.5	0
20	16QAM	1	49	18.40	18.42	18.48		
20	16QAM	1	99	18.38	18.49	18.41		
20	16QAM	50	0	18.46	18.40	18.43	19.5	0
20	16QAM	50	24	18.48	18.50	18.40		
20	16QAM	50	50	18.40	18.49	18.42		
20	16QAM	100	0	18.37	18.46	18.40		
20	64QAM	1	0	18.47	18.47	18.39	19.5	0
20	64QAM	1	49	18.38	18.45	18.39		
20	64QAM	1	99	18.37	18.49	18.40		
20	64QAM	50	0	18.45	18.43	18.46		
20	64QAM	50	24	18.48	18.44	18.48	19.5	0
20	64QAM	50	50	18.42	18.50	18.42		
20	64QAM	100	0	18.47	18.46	18.46		
20	256QAM	1	0	17.05	17.19	17.11	18	1.5
20	256QAM	1	49	16.95	17.07	17.02		
20	256QAM	1	99	16.98	17.03	16.94		
20	256QAM	50	0	17.11	17.13	17.05	18	1.5
20	256QAM	50	24	17.06	17.07	17.11		
20	256QAM	50	50	16.86	17.13	17.02		
20	256QAM	100	0	16.89	17.16	16.93		
Channel				42190	42590	42915	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.47	18.45	18.49	19.5	0
15	QPSK	1	37	18.48	18.47	18.42		
15	QPSK	1	74	18.49	18.47	18.37		
15	QPSK	36	0	18.40	18.48	18.45	19.5	0
15	QPSK	36	20	18.41	18.39	18.44		
15	QPSK	36	39	18.43	18.50	18.41		
15	QPSK	75	0	18.38	18.48	18.43		
15	16QAM	1	0	18.46	18.51	18.47	19.5	0
15	16QAM	1	37	18.41	18.47	18.43		
15	16QAM	1	74	18.37	18.42	18.43		
15	16QAM	36	0	18.44	18.43	18.46	19.5	0
15	16QAM	36	20	18.44	18.42	18.44		
15	16QAM	36	39	18.46	18.50	18.45		
15	16QAM	75	0	18.45	18.49	18.40		
15	64QAM	1	0	18.44	18.46	18.39	19.5	0
15	64QAM	1	37	18.41	18.49	18.47		
15	64QAM	1	74	18.38	18.53	18.45		
15	64QAM	36	0	18.41	18.42	18.48	19.5	0
15	64QAM	36	20	18.47	18.46	18.40		
15	64QAM	36	39	18.39	18.42	18.44		
15	64QAM	75	0	18.39	18.49	18.43		
15	256QAM	1	0	17.01	17.13	17.08	18	1.5
15	256QAM	1	37	16.90	16.95	16.96		
15	256QAM	1	74	16.88	16.99	16.86		
15	256QAM	36	0	17.02	17.02	16.93	18	1.5
15	256QAM	36	20	17.03	17.02	17.05		
15	256QAM	36	39	16.76	17.10	16.90		
15	256QAM	75	0	16.85	17.09	16.89		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.40	18.40	18.45	19.5	0
10	QPSK	1	25	18.48	18.50	18.48		
10	QPSK	1	49	18.48	18.48	18.42		
10	QPSK	25	0	18.49	18.49	18.48	19.5	0
10	QPSK	25	12	18.46	18.42	18.44		
10	QPSK	25	25	18.43	18.42	18.46		
10	QPSK	50	0	18.47	18.45	18.39	19.5	0
10	16QAM	1	0	18.46	18.50	18.37		
10	16QAM	1	25	18.49	18.39	18.47		
10	16QAM	1	49	18.41	18.48	18.41		
10	16QAM	25	0	18.45	18.41	18.48	19.5	0
10	16QAM	25	12	18.46	18.42	18.45		
10	16QAM	25	25	18.48	18.46	18.43		
10	16QAM	50	0	18.43	18.41	18.42		
10	64QAM	1	0	18.37	18.49	18.41	19.5	0
10	64QAM	1	25	18.45	18.47	18.48		
10	64QAM	1	49	18.41	18.42	18.46		
10	64QAM	25	0	18.38	18.42	18.47	19.5	0
10	64QAM	25	12	18.47	18.43	18.47		
10	64QAM	25	25	18.44	18.45	18.45		
10	64QAM	50	0	18.48	18.42	18.40		
10	256QAM	1	0	17.03	17.09	16.97	18	1.5
10	256QAM	1	25	16.88	17.00	16.91		
10	256QAM	1	49	16.85	16.92	16.86		
10	256QAM	25	0	17.01	17.11	16.97	18	1.5
10	256QAM	25	12	16.94	17.01	17.05		
10	256QAM	25	25	16.78	17.06	16.94		
10	256QAM	50	0	16.91	17.05	16.87		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.45	18.40	18.42	19.5	0
5	QPSK	1	12	18.44	18.47	18.42		
5	QPSK	1	24	18.38	18.43	18.47		
5	QPSK	12	0	18.37	18.39	18.42	19.5	0
5	QPSK	12	7	18.47	18.43	18.37		
5	QPSK	12	13	18.39	18.50	18.40		
5	QPSK	25	0	18.38	18.50	18.45		
5	16QAM	1	0	18.45	18.50	18.39	19.5	0
5	16QAM	1	12	18.43	18.50	18.47		
5	16QAM	1	24	18.46	18.39	18.38		
5	16QAM	12	0	18.46	18.39	18.45	19.5	0
5	16QAM	12	7	18.39	18.43	18.43		
5	16QAM	12	13	18.38	18.43	18.41		
5	16QAM	25	0	18.47	18.45	18.38		
5	64QAM	1	0	18.43	18.39	18.38	19.5	0
5	64QAM	1	12	18.42	18.49	18.41		
5	64QAM	1	24	18.49	18.49	18.46		
5	64QAM	12	0	18.45	18.50	18.48	19.5	0
5	64QAM	12	7	18.49	18.42	18.46		
5	64QAM	12	13	18.42	18.50	18.41		
5	64QAM	25	0	18.40	18.46	18.39		
5	256QAM	1	0	17.00	17.14	17.06	18	1.5
5	256QAM	1	12	16.82	17.00	16.96		
5	256QAM	1	24	16.88	16.99	16.92		
5	256QAM	12	0	16.99	17.00	16.96	18	1.5
5	256QAM	12	7	16.92	16.97	17.07		
5	256QAM	12	13	16.75	17.09	16.98		
5	256QAM	25	0	16.82	17.09	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44090	44690		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	17.97	18.08	17.93	19.3	0
20	QPSK	1	49	17.95	18.05	18.02		
20	QPSK	1	99	17.99	17.97	18.02		
20	QPSK	50	0	17.98	18.03	17.98	19.3	0
20	QPSK	50	24	17.99	17.98	17.94		
20	QPSK	50	50	18.02	17.95	17.97		
20	QPSK	100	0	17.92	18.01	18.00		
20	16QAM	1	0	17.95	17.94	17.93	19.3	0
20	16QAM	1	49	17.96	17.96	17.93		
20	16QAM	1	99	17.93	17.96	17.93		
20	16QAM	50	0	17.97	17.98	17.94	19.3	0
20	16QAM	50	24	18.01	17.96	18.00		
20	16QAM	50	50	17.94	17.93	17.97		
20	16QAM	100	0	17.97	18.02	17.99		
20	64QAM	1	0	17.93	18.01	18.01	19.3	0
20	64QAM	1	49	17.92	18.00	17.98		
20	64QAM	1	99	17.93	17.95	18.02		
20	64QAM	50	0	17.97	17.94	17.93	19.3	0
20	64QAM	50	24	17.91	17.98	17.96		
20	64QAM	50	50	18.02	17.97	17.98		
20	64QAM	100	0	17.96	17.97	18.02		
20	256QAM	1	0	17.62	17.64	17.51	19	0.3
20	256QAM	1	49	17.52	17.62	17.55		
20	256QAM	1	99	17.36	17.56	17.42		
20	256QAM	50	0	17.54	17.64	17.47	19	0.3
20	256QAM	50	24	17.50	17.54	17.52		
20	256QAM	50	50	17.56	17.53	17.51		
20	256QAM	100	0	17.38	17.62	17.31		
Channel				43490	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.00	18.01	17.97	19.3	0
15	QPSK	1	37	17.95	18.04	17.99		
15	QPSK	1	74	17.97	18.00	18.00		
15	QPSK	36	0	17.99	18.02	17.92	19.3	0
15	QPSK	36	20	18.03	18.04	17.99		
15	QPSK	36	39	17.94	18.00	17.92		
15	QPSK	75	0	17.98	18.02	17.95		
15	16QAM	1	0	18.03	18.03	17.99	19.3	0
15	16QAM	1	37	18.01	18.05	17.96		
15	16QAM	1	74	17.93	18.02	18.00		
15	16QAM	36	0	17.96	18.01	17.95	19.3	0
15	16QAM	36	20	17.97	18.02	17.93		
15	16QAM	36	39	17.93	18.00	17.94		
15	16QAM	75	0	17.91	18.02	17.97		
15	64QAM	1	0	17.92	18.01	18.01	19.3	0
15	64QAM	1	37	17.99	17.94	17.94		
15	64QAM	1	74	17.94	17.95	18.01		
15	64QAM	36	0	18.01	17.96	18.01	19.3	0
15	64QAM	36	20	17.96	17.96	17.97		
15	64QAM	36	39	17.98	17.98	17.93		
15	64QAM	75	0	18.02	17.95	18.00		
15	256QAM	1	0	17.48	17.58	17.44	19	0.3
15	256QAM	1	37	17.44	17.51	17.44		
15	256QAM	1	74	17.29	17.50	17.39		
15	256QAM	36	0	17.42	17.61	17.42	19	0.3
15	256QAM	36	20	17.42	17.42	17.47		
15	256QAM	36	39	17.44	17.40	17.37		
15	256QAM	75	0	17.25	17.40	17.19		
Channel				43440	44090	44740	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	17.95	18.00	18.01	19.3	0
10	QPSK	1	25	18.03	18.00	17.99		
10	QPSK	1	49	18.00	17.97	17.91		
10	QPSK	25	0	17.93	17.94	18.03	19.3	0
10	QPSK	25	12	17.95	18.03	17.98		
10	QPSK	25	25	18.00	17.96	17.93		
10	QPSK	50	0	17.98	18.02	18.01	19.3	0
10	16QAM	1	0	17.96	18.01	17.96		
10	16QAM	1	25	17.96	18.01	17.95		
10	16QAM	1	49	17.99	17.94	17.96		
10	16QAM	25	0	18.00	17.97	17.97	19.3	0
10	16QAM	25	12	18.02	18.01	18.00		
10	16QAM	25	25	17.95	17.94	17.97		
10	16QAM	50	0	18.02	17.98	17.95		
10	64QAM	1	0	17.99	17.95	18.01	19.3	0
10	64QAM	1	25	17.98	18.02	18.02		
10	64QAM	1	49	18.00	17.96	17.98		
10	64QAM	25	0	18.00	17.96	18.00	19.3	0
10	64QAM	25	12	17.96	17.94	17.94		
10	64QAM	25	25	17.91	17.94	17.92		
10	64QAM	50	0	17.97	18.04	17.99		
10	256QAM	1	0	17.49	17.60	17.45	19	0.3
10	256QAM	1	25	17.40	17.47	17.36		
10	256QAM	1	49	17.37	17.50	17.37		
10	256QAM	25	0	17.43	17.54	17.31	19	0.3
10	256QAM	25	12	17.57	17.56	17.43		
10	256QAM	25	25	17.46	17.56	17.38		
10	256QAM	50	0	17.41	17.52	17.39		
Channel				43415	44090	44765	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	17.92	18.04	17.92	19.3	0
5	QPSK	1	12	18.03	17.97	17.99		
5	QPSK	1	24	18.01	17.94	18.03		
5	QPSK	12	0	18.03	18.01	17.96	19.3	0
5	QPSK	12	7	18.02	17.96	17.95		
5	QPSK	12	13	17.94	17.98	17.93		
5	QPSK	25	0	17.92	17.98	17.98		
5	16QAM	1	0	17.99	18.01	18.00	19.3	0
5	16QAM	1	12	17.94	17.93	17.92		
5	16QAM	1	24	18.02	17.96	17.97		
5	16QAM	12	0	17.93	18.00	17.98	19.3	0
5	16QAM	12	7	18.03	17.95	17.96		
5	16QAM	12	13	17.97	18.02	17.95		
5	16QAM	25	0	18.02	18.00	17.97		
5	64QAM	1	0	17.97	18.01	18.02	19.3	0
5	64QAM	1	12	18.03	18.00	17.98		
5	64QAM	1	24	17.99	17.97	17.98		
5	64QAM	12	0	18.00	17.98	18.02	19.3	0
5	64QAM	12	7	17.98	17.99	17.96		
5	64QAM	12	13	17.99	18.04	17.99		
5	64QAM	25	0	17.96	18.03	18.01		
5	256QAM	1	0	17.53	17.57	17.41	19	0.3
5	256QAM	1	12	17.43	17.53	17.45		
5	256QAM	1	24	17.25	17.45	17.34		
5	256QAM	12	0	17.43	17.57	17.42	19	0.3
5	256QAM	12	7	17.37	17.48	17.39		
5	256QAM	12	13	17.47	17.46	17.45		
5	256QAM	25	0	17.35	17.55	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.09	18.11	18.06	17.99	19.3	0
20	QPSK	1	49	17.98	18.01	18.06	18.03		
20	QPSK	1	99	18.01	18.08	18.06	17.97		
20	QPSK	50	0	17.97	18.09	18.05	18.07	19.3	0
20	QPSK	50	24	18.00	18.04	18.03	18.05		
20	QPSK	50	50	18.00	17.98	18.01	18.03		
20	QPSK	100	0	17.97	18.08	18.07	17.97		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.48	18.55	18.52	19.4	0
20	QPSK	1	49	18.46	18.42	18.44		
20	QPSK	1	99	18.46	18.43	18.45		
20	QPSK	50	0	18.42	18.52	18.43	19.4	0
20	QPSK	50	24	18.46	18.47	18.47		
20	QPSK	50	50	18.49	18.47	18.45		
20	16QAM	100	0	18.46	18.50	18.43	19.4	0
20	16QAM	1	0	18.42	18.49	18.49		
20	16QAM	1	49	18.52	18.51	18.49		
20	16QAM	1	99	18.46	18.43	18.44		
20	16QAM	50	0	18.50	18.51	18.46	19.4	0
20	16QAM	50	24	18.44	18.46	18.47		
20	16QAM	50	50	18.50	18.51	18.40		
20	16QAM	100	0	18.42	18.44	18.40		
20	64QAM	1	0	18.47	18.48	18.47	19.4	0
20	64QAM	1	49	18.45	18.48	18.49		
20	64QAM	1	99	18.48	18.43	18.46		
20	64QAM	50	0	18.42	18.52	18.51	19.4	0
20	64QAM	50	24	18.51	18.44	18.45		
20	64QAM	50	50	18.45	18.45	18.51		
20	64QAM	100	0	18.41	18.53	18.41		
20	256QAM	1	0	18.06	18.21	18.14	19	0.4
20	256QAM	1	49	18.00	18.18	18.07		
20	256QAM	1	99	17.88	18.11	17.99		
20	256QAM	50	0	18.00	18.13	18.08	19	0.4
20	256QAM	50	24	18.03	18.12	18.13		
20	256QAM	50	50	18.02	18.22	18.09		
20	256QAM	100	0	17.91	18.11	18.12		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.47	18.43	18.45	19.4	0
15	QPSK	1	37	18.45	18.42	18.47		
15	QPSK	1	74	18.50	18.52	18.50		
15	QPSK	36	0	18.41	18.42	18.51	19.4	0
15	QPSK	36	20	18.50	18.53	18.42		
15	QPSK	36	39	18.50	18.51	18.41		
15	QPSK	75	0	18.46	18.50	18.47		
15	16QAM	1	0	18.49	18.45	18.51	19.4	0
15	16QAM	1	37	18.47	18.46	18.43		
15	16QAM	1	74	18.41	18.48	18.44		
15	16QAM	36	0	18.49	18.46	18.51	19.4	0
15	16QAM	36	20	18.45	18.50	18.42		
15	16QAM	36	39	18.41	18.44	18.40		
15	16QAM	75	0	18.41	18.53	18.51		
15	64QAM	1	0	18.40	18.52	18.44	19.4	0
15	64QAM	1	37	18.51	18.51	18.51		
15	64QAM	1	74	18.46	18.51	18.46		
15	64QAM	36	0	18.45	18.43	18.50	19.4	0
15	64QAM	36	20	18.51	18.43	18.52		
15	64QAM	36	39	18.47	18.47	18.45		
15	64QAM	75	0	18.48	18.48	18.47		
15	256QAM	1	0	18.03	18.10	18.08	19	0.4
15	256QAM	1	37	17.88	18.07	18.00		
15	256QAM	1	74	17.75	18.09	17.95		
15	256QAM	36	0	17.86	18.03	17.98	19	0.4
15	256QAM	36	20	17.98	18.06	18.00		
15	256QAM	36	39	17.94	18.14	18.07		
15	256QAM	75	0	17.86	18.05	18.01		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.52	18.48	18.51	19.4	0
10	QPSK	1	25	18.48	18.43	18.42		
10	QPSK	1	49	18.43	18.49	18.50		
10	QPSK	25	0	18.50	18.49	18.43	19.4	0
10	QPSK	25	12	18.46	18.46	18.51		
10	QPSK	25	25	18.51	18.47	18.49		
10	QPSK	50	0	18.47	18.47	18.44	19.4	0
10	16QAM	1	0	18.42	18.46	18.51		
10	16QAM	1	25	18.44	18.45	18.51		
10	16QAM	1	49	18.46	18.49	18.50		
10	16QAM	25	0	18.51	18.46	18.49	19.4	0
10	16QAM	25	12	18.47	18.52	18.45		
10	16QAM	25	25	18.46	18.46	18.44		
10	16QAM	50	0	18.47	18.46	18.45		
10	64QAM	1	0	18.42	18.49	18.47	19.4	0
10	64QAM	1	25	18.40	18.45	18.51		
10	64QAM	1	49	18.41	18.47	18.50		
10	64QAM	25	0	18.46	18.51	18.52	19.4	0
10	64QAM	25	12	18.45	18.53	18.49		
10	64QAM	25	25	18.40	18.44	18.46		
10	64QAM	50	0	18.48	18.43	18.42		
10	256QAM	1	0	18.10	18.15	18.10	19	0.4
10	256QAM	1	25	17.96	18.05	17.99		
10	256QAM	1	49	17.77	18.00	17.96		
10	256QAM	25	0	17.87	18.03	17.95		
10	256QAM	25	12	18.01	18.02	18.01		
10	256QAM	25	25	17.90	18.14	17.96		
10	256QAM	50	0	17.99	18.00	17.92		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	18.51	18.47	18.46	19.4	0
5	QPSK	1	12	18.43	18.45	18.48		
5	QPSK	1	24	18.47	18.52	18.46		
5	QPSK	12	0	18.51	18.52	18.45	19.4	0
5	QPSK	12	7	18.44	18.53	18.46		
5	QPSK	12	13	18.44	18.53	18.50		
5	QPSK	25	0	18.51	18.48	18.49		
5	16QAM	1	0	18.45	18.52	18.46	19.4	0
5	16QAM	1	12	18.46	18.44	18.41		
5	16QAM	1	24	18.47	18.46	18.51		
5	16QAM	12	0	18.51	18.50	18.51	19.4	0
5	16QAM	12	7	18.45	18.45	18.51		
5	16QAM	12	13	18.43	18.50	18.51		
5	16QAM	25	0	18.49	18.53	18.44		
5	64QAM	1	0	18.46	18.42	18.44	19.4	0
5	64QAM	1	12	18.50	18.46	18.47		
5	64QAM	1	24	18.44	18.46	18.47		
5	64QAM	12	0	18.40	18.43	18.51	19.4	0
5	64QAM	12	7	18.53	18.44	18.44		
5	64QAM	12	13	18.43	18.48	18.45		
5	64QAM	25	0	18.47	18.49	18.47		
5	256QAM	1	0	18.13	18.14	18.07	19	0.4
5	256QAM	1	12	17.94	18.11	17.99		
5	256QAM	1	24	17.78	17.98	17.96		
5	256QAM	12	0	17.88	18.05	18.03	19	0.4
5	256QAM	12	7	17.93	17.98	18.09		
5	256QAM	12	13	17.91	18.17	18.02		
5	256QAM	25	0	17.90	18.08	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.48	19.54	19.51	20.4	0
20	QPSK	1	49	19.50	19.46	19.44		
20	QPSK	1	99	19.41	19.51	19.40		
20	QPSK	50	0	19.51	19.53	19.46	20.4	0
20	QPSK	50	24	19.48	19.41	19.45		
20	QPSK	50	50	19.48	19.48	19.46		
20	QPSK	100	0	19.45	19.51	19.47		
20	16QAM	1	0	19.51	19.47	19.48	20.4	0
20	16QAM	1	49	19.44	19.42	19.40		
20	16QAM	1	99	19.42	19.49	19.51		
20	16QAM	50	0	19.46	19.51	19.44	20.4	0
20	16QAM	50	24	19.49	19.44	19.46		
20	16QAM	50	50	19.51	19.43	19.48		
20	16QAM	100	0	19.41	19.47	19.40		
20	64QAM	1	0	19.44	19.43	19.44	20.4	0
20	64QAM	1	49	19.47	19.41	19.47		
20	64QAM	1	99	19.43	19.48	19.45		
20	64QAM	50	0	19.46	19.50	19.44	20.4	0
20	64QAM	50	24	19.43	19.43	19.50		
20	64QAM	50	50	19.48	19.41	19.46		
20	64QAM	100	0	19.49	19.49	19.45		
20	256QAM	1	0	18.00	18.01	17.88	19	1.4
20	256QAM	1	49	17.93	18.01	17.98		
20	256QAM	1	99	17.83	17.88	17.84		
20	256QAM	50	0	17.98	18.03	17.90	19	1.4
20	256QAM	50	24	17.96	18.00	17.89		
20	256QAM	50	50	17.90	17.97	17.87		
20	256QAM	100	0	17.93	17.93	17.81		
Channel				42190	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.42	19.44	19.50	20.4	0
15	QPSK	1	37	19.51	19.48	19.45		
15	QPSK	1	74	19.39	19.51	19.43		
15	QPSK	36	0	19.43	19.48	19.41	20.4	0
15	QPSK	36	20	19.41	19.42	19.42		
15	QPSK	36	39	19.45	19.42	19.43		
15	QPSK	75	0	19.48	19.51	19.50		
15	16QAM	1	0	19.40	19.47	19.46	20.4	0
15	16QAM	1	37	19.41	19.51	19.47		
15	16QAM	1	74	19.51	19.47	19.50		
15	16QAM	36	0	19.43	19.41	19.49	20.4	0
15	16QAM	36	20	19.41	19.47	19.39		
15	16QAM	36	39	19.44	19.47	19.45		
15	16QAM	75	0	19.42	19.43	19.45		
15	64QAM	1	0	19.47	19.49	19.47	20.4	0
15	64QAM	1	37	19.39	19.49	19.41		
15	64QAM	1	74	19.42	19.50	19.40		
15	64QAM	36	0	19.49	19.48	19.40	20.4	0
15	64QAM	36	20	19.50	19.49	19.44		
15	64QAM	36	39	19.45	19.52	19.46		
15	64QAM	75	0	19.45	19.48	19.45		
15	256QAM	1	0	17.86	17.92	17.76	19	1.4
15	256QAM	1	37	17.80	17.93	17.84		
15	256QAM	1	74	17.78	17.81	17.79		
15	256QAM	36	0	17.88	17.91	17.82	19	1.4
15	256QAM	36	20	17.88	17.90	17.87		
15	256QAM	36	39	17.80	17.91	17.84		
15	256QAM	75	0	17.84	17.81	17.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.51	19.43	19.44	20.4	0
10	QPSK	1	25	19.40	19.43	19.40		
10	QPSK	1	49	19.49	19.49	19.39		
10	QPSK	25	0	19.47	19.44	19.41	20.4	0
10	QPSK	25	12	19.48	19.52	19.48		
10	QPSK	25	25	19.51	19.49	19.45		
10	QPSK	50	0	19.44	19.53	19.47	20.4	0
10	16QAM	1	0	19.47	19.46	19.48		
10	16QAM	1	25	19.48	19.49	19.46		
10	16QAM	1	49	19.48	19.44	19.40		
10	16QAM	25	0	19.49	19.49	19.51	20.4	0
10	16QAM	25	12	19.40	19.53	19.50		
10	16QAM	25	25	19.45	19.41	19.48		
10	16QAM	50	0	19.50	19.45	19.42		
10	64QAM	1	0	19.48	19.42	19.47	20.4	0
10	64QAM	1	25	19.40	19.46	19.47		
10	64QAM	1	49	19.48	19.43	19.46		
10	64QAM	25	0	19.51	19.52	19.45	20.4	0
10	64QAM	25	12	19.50	19.52	19.47		
10	64QAM	25	25	19.50	19.42	19.46		
10	64QAM	50	0	19.49	19.48	19.50		
10	256QAM	1	0	17.92	17.89	17.79	19	1.4
10	256QAM	1	25	17.82	17.90	17.88		
10	256QAM	1	49	17.78	17.77	17.75		
10	256QAM	25	0	17.93	17.90	17.84	19	1.4
10	256QAM	25	12	17.91	17.87	17.86		
10	256QAM	25	25	17.78	17.85	17.79		
10	256QAM	50	0	17.82	17.89	17.75		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.43	19.43	19.50	20.4	0
5	QPSK	1	12	19.49	19.52	19.45		
5	QPSK	1	24	19.40	19.51	19.41		
5	QPSK	12	0	19.47	19.53	19.48	20.4	0
5	QPSK	12	7	19.51	19.41	19.51		
5	QPSK	12	13	19.43	19.47	19.41		
5	QPSK	25	0	19.44	19.48	19.51		
5	16QAM	1	0	19.41	19.49	19.48	20.4	0
5	16QAM	1	12	19.44	19.49	19.48		
5	16QAM	1	24	19.46	19.44	19.51		
5	16QAM	12	0	19.40	19.50	19.45	20.4	0
5	16QAM	12	7	19.41	19.47	19.41		
5	16QAM	12	13	19.46	19.45	19.45		
5	16QAM	25	0	19.41	19.49	19.51		
5	64QAM	1	0	19.42	19.44	19.45	20.4	0
5	64QAM	1	12	19.43	19.48	19.42		
5	64QAM	1	24	19.45	19.48	19.42		
5	64QAM	12	0	19.41	19.50	19.41	20.4	0
5	64QAM	12	7	19.47	19.47	19.47		
5	64QAM	12	13	19.48	19.53	19.41		
5	64QAM	25	0	19.46	19.44	19.49		
5	256QAM	1	0	17.98	17.90	17.74	19	1.4
5	256QAM	1	12	17.87	17.98	17.92		
5	256QAM	1	24	17.79	17.75	17.77		
5	256QAM	12	0	17.86	18.01	17.81	19	1.4
5	256QAM	12	7	17.82	17.98	17.84		
5	256QAM	12	13	17.84	17.94	17.83		
5	256QAM	25	0	17.80	17.94	17.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	18.52	18.57	18.48	19.4	0
20	QPSK	1	49	18.49	18.47	18.42		
20	QPSK	1	99	18.46	18.42	18.51		
20	QPSK	50	0	18.47	18.54	18.45	19.4	0
20	QPSK	50	24	18.45	18.53	18.45		
20	QPSK	50	50	18.49	18.48	18.41		
20	QPSK	100	0	18.47	18.52	18.44	19.4	0
20	16QAM	1	0	18.48	18.48	18.51		
20	16QAM	1	49	18.51	18.43	18.46		
20	16QAM	1	99	18.43	18.48	18.41		
20	16QAM	50	0	18.49	18.50	18.48	19.4	0
20	16QAM	50	24	18.43	18.44	18.40		
20	16QAM	50	50	18.51	18.46	18.48		
20	16QAM	100	0	18.51	18.49	18.45		
20	64QAM	1	0	18.43	18.50	18.47	19.4	0
20	64QAM	1	49	18.48	18.50	18.51		
20	64QAM	1	99	18.46	18.42	18.44		
20	64QAM	50	0	18.41	18.51	18.48	19.4	0
20	64QAM	50	24	18.49	18.48	18.52		
20	64QAM	50	50	18.42	18.54	18.41		
20	64QAM	100	0	18.49	18.42	18.43		
20	256QAM	1	0	18.46	18.43	18.44	19	0.4
20	256QAM	1	49	18.42	18.45	18.42		
20	256QAM	1	99	18.41	18.45	18.46		
20	256QAM	50	0	18.52	18.45	18.41	19	0.4
20	256QAM	50	24	18.42	18.53	18.50		
20	256QAM	50	50	18.47	18.49	18.41		
20	256QAM	100	0	18.53	18.51	18.44		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	18.42	18.47	18.52	19.4	0
15	QPSK	1	37	18.47	18.54	18.48		
15	QPSK	1	74	18.45	18.49	18.46		
15	QPSK	36	0	18.42	18.53	18.42	19.4	0
15	QPSK	36	20	18.49	18.49	18.44		
15	QPSK	36	39	18.40	18.54	18.51		
15	QPSK	75	0	18.46	18.46	18.46		
15	16QAM	1	0	18.45	18.48	18.48	19.4	0
15	16QAM	1	37	18.50	18.51	18.44		
15	16QAM	1	74	18.44	18.43	18.49		
15	16QAM	36	0	18.46	18.48	18.41	19.4	0
15	16QAM	36	20	18.50	18.45	18.40		
15	16QAM	36	39	18.51	18.46	18.52		
15	16QAM	75	0	18.42	18.50	18.47		
15	64QAM	1	0	18.43	18.45	18.43	19.4	0
15	64QAM	1	37	18.51	18.48	18.47		
15	64QAM	1	74	18.48	18.42	18.41		
15	64QAM	36	0	18.51	18.48	18.51	19.4	0
15	64QAM	36	20	18.52	18.45	18.51		
15	64QAM	36	39	18.50	18.53	18.50		
15	64QAM	75	0	18.40	18.46	18.46		
15	256QAM	1	0	18.51	18.54	18.41	19	0.4
15	256QAM	1	37	18.43	18.46	18.48		
15	256QAM	1	74	18.43	18.53	18.49		
15	256QAM	36	0	18.48	18.50	18.47	19	0.4
15	256QAM	36	20	18.46	18.51	18.46		
15	256QAM	36	39	18.51	18.53	18.49		
15	256QAM	75	0	18.43	18.47	18.50		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	18.41	18.47	18.41	19.4	0
10	QPSK	1	25	18.41	18.44	18.46		
10	QPSK	1	49	18.52	18.50	18.43		
10	QPSK	25	0	18.48	18.44	18.50	19.4	0
10	QPSK	25	12	18.47	18.49	18.45		
10	QPSK	25	25	18.40	18.48	18.41		
10	QPSK	50	0	18.47	18.48	18.44	19.4	0
10	16QAM	1	0	18.52	18.48	18.46		
10	16QAM	1	25	18.48	18.47	18.44		
10	16QAM	1	49	18.51	18.43	18.41		
10	16QAM	25	0	18.48	18.46	18.43	19.4	0
10	16QAM	25	12	18.50	18.52	18.48		
10	16QAM	25	25	18.42	18.49	18.49		
10	16QAM	50	0	18.51	18.48	18.45		
10	64QAM	1	0	18.52	18.47	18.47	19.4	0
10	64QAM	1	25	18.46	18.53	18.44		
10	64QAM	1	49	18.48	18.51	18.49		
10	64QAM	25	0	18.49	18.44	18.45	19.4	0
10	64QAM	25	12	18.48	18.51	18.46		
10	64QAM	25	25	18.44	18.50	18.45		
10	64QAM	50	0	18.45	18.52	18.47		
10	256QAM	1	0	18.43	18.46	18.49	19	0.4
10	256QAM	1	25	18.51	18.52	18.45		
10	256QAM	1	49	18.43	18.47	18.45		
10	256QAM	25	0	18.42	18.50	18.43	19	0.4
10	256QAM	25	12	18.44	18.50	18.45		
10	256QAM	25	25	18.50	18.50	18.48		
10	256QAM	50	0	18.47	18.47	18.43		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	18.41	18.46	18.44	19.4	0
5	QPSK	1	12	18.46	18.50	18.44		
5	QPSK	1	24	18.49	18.53	18.46		
5	QPSK	12	0	18.41	18.45	18.46	19.4	0
5	QPSK	12	7	18.42	18.53	18.48		
5	QPSK	12	13	18.41	18.48	18.43		
5	QPSK	25	0	18.47	18.43	18.45		
5	16QAM	1	0	18.48	18.45	18.43	19.4	0
5	16QAM	1	12	18.48	18.49	18.42		
5	16QAM	1	24	18.52	18.44	18.52		
5	16QAM	12	0	18.43	18.43	18.47	19.4	0
5	16QAM	12	7	18.50	18.54	18.46		
5	16QAM	12	13	18.46	18.52	18.50		
5	16QAM	25	0	18.47	18.50	18.41		
5	64QAM	1	0	18.41	18.53	18.41	19.4	0
5	64QAM	1	12	18.52	18.43	18.42		
5	64QAM	1	24	18.47	18.48	18.52		
5	64QAM	12	0	18.45	18.44	18.46	19.4	0
5	64QAM	12	7	18.46	18.42	18.52		
5	64QAM	12	13	18.45	18.52	18.44		
5	64QAM	25	0	18.45	18.47	18.44		
5	256QAM	1	0	18.47	18.43	18.43	19	0.4
5	256QAM	1	12	18.46	18.52	18.52		
5	256QAM	1	24	18.42	18.43	18.50		
5	256QAM	12	0	18.49	18.44	18.48	19	0.4
5	256QAM	12	7	18.47	18.49	18.44		
5	256QAM	12	13	18.44	18.50	18.52		
5	256QAM	25	0	18.45	18.42	18.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.52	18.61	18.55	18.59	19.4	0
20	QPSK	1	49	18.54	18.58	18.53	18.56		
20	QPSK	1	99	18.58	18.58	18.48	18.50		
20	QPSK	50	0	18.55	18.59	18.49	18.51	19.4	0
20	QPSK	50	24	18.54	18.54	18.56	18.48		
20	QPSK	50	50	18.50	18.58	18.54	18.52		
20	16QAM	100	0	18.54	18.55	18.49	18.53		
20	16QA

Reduced Power Mode for DSI 10

GSM850 Ant0 DSI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 DSI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.65	16.61	17.50

Band		WCDMA II Ant0 DSI10			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI10			Tune-up Limit (dBm)	WCDMA V Ant0 DSI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.78	22.62	24.00	22.99	23.08	22.92	24.00	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.81	22.71	24.00	23.08	23.12	23.05	24.00	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	21.81	21.82	21.75	23.00	22.02	22.12	22.09	23.00	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.84	21.76	23.00	22.10	22.15	22.03	23.00	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.37	21.17	22.50	21.58	21.58	21.60	22.50	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.35	21.16	22.50	21.57	21.65	21.51	22.50	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.85	21.75	23.00	22.13	22.16	22.07	23.00	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.82	21.77	21.72	23.00	22.11	22.06	22.05	23.00	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.33	21.26	22.50	21.57	21.56	21.57	22.50	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.27	21.32	21.24	22.50	21.54	21.56	21.52	22.50	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	21.81	21.80	21.67	23.00	22.09	22.07	22.05	23.00	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.75	19.67	21.00	20.13	20.09	20.06	21.00	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	20.85	20.81	20.73	22.00	21.08	21.15	21.04	22.00	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	19.85	19.82	19.76	21.00	20.10	20.16	20.09	21.00	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	21.84	21.85	21.76	23.00	22.13	22.08	22.00	23.00	22.22	22.30	22.24	23.00

Band 2 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.08	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	21.00	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.76		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.08	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.96	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 4 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.14	22.25	22.20	24	0
20	QPSK	1	49	22.05	22.20	22.10		
20	QPSK	1	99	22.10	22.15	22.17		
20	QPSK	50	0	21.15	21.25	21.22	23	1
20	QPSK	50	24	21.09	21.17	21.11		
20	QPSK	50	50	21.14	21.15	21.16		
20	QPSK	100	0	21.15	21.24	21.23		
20	16QAM	1	0	21.09	21.23	21.16	23	1
20	16QAM	1	49	21.03	21.24	21.13		
20	16QAM	1	99	21.13	21.20	21.11		
20	16QAM	50	0	20.12	20.26	20.21	22	2
20	16QAM	50	24	20.03	20.18	20.12		
20	16QAM	50	50	20.18	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10	22	2
20	64QAM	1	49	20.01	20.19	20.09		
20	64QAM	1	99	20.14	20.19	20.07		
20	64QAM	50	0	19.09	19.21	19.20	21	3
20	64QAM	50	24	19.04	19.21	19.07		
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17	19	5
20	256QAM	1	49	17.10	17.17	17.12		
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.34	17.29	19	5
20	256QAM	50	24	17.04	17.26	17.22		
20	256QAM	50	50	17.00	17.25	17.11		
20	256QAM	100	0	17.14	17.26	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.20	22.22	24	0
15	QPSK	1	37	22.12	22.20	22.13		
15	QPSK	1	74	22.11	22.16	22.10		
15	QPSK	36	0	21.26	21.29	21.16	23	1
15	QPSK	36	20	21.11	21.26	21.13		
15	QPSK	36	39	21.09	21.24	21.12		
15	QPSK	75	0	21.24	21.29	21.14		
15	16QAM	1	0	21.20	21.21	21.26	23	1
15	16QAM	1	37	21.11	21.20	21.05		
15	16QAM	1	74	21.07	21.13	21.11		
15	16QAM	36	0	20.22	20.28	20.17	22	2
15	16QAM	36	20	20.17	20.25	20.09		
15	16QAM	36	39	20.06	20.17	20.14		
15	16QAM	75	0	20.20	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27	22	2
15	64QAM	1	37	20.05	20.23	20.10		
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16	21	3
15	64QAM	36	20	19.19	19.26	19.21		
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17	19	5
15	256QAM	1	37	17.13	17.25	17.14		
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17	19	5
15	256QAM	36	20	17.12	17.21	17.27		
15	256QAM	36	39	17.13	17.21	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.19	22.23	22.22	24	0
10	QPSK	1	25	22.11	22.22	22.10		
10	QPSK	1	49	22.12	22.22	22.13		
10	QPSK	25	0	21.22	21.28	21.19	23	1
10	QPSK	25	12	21.10	21.21	21.15		
10	QPSK	25	25	21.09	21.21	21.15		
10	QPSK	50	0	21.25	21.26	21.19		
10	16QAM	1	0	21.21	21.22	21.24	23	1
10	16QAM	1	25	21.07	21.19	21.07		
10	16QAM	1	49	21.06	21.18	21.13		
10	16QAM	25	0	20.24	20.30	20.18	22	2
10	16QAM	25	12	20.16	20.23	20.14		
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.32	20.19		
10	64QAM	1	0	20.15	20.23	20.27	22	2
10	64QAM	1	25	20.08	20.19	20.10		
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15	21	3
10	64QAM	25	12	19.21	19.24	19.20		
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10		
10	256QAM	1	0	17.28	17.30	17.21	19	5
10	256QAM	1	25	17.15	17.25	17.14		
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.20	17.30	17.19	19	5
10	256QAM	25	12	17.11	17.24	17.29		
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.17	22.20	22.22	24	0
5	QPSK	1	12	22.11	22.21	22.15		
5	QPSK	1	24	22.14	22.20	22.14		
5	QPSK	12	0	21.21	21.27	21.15	23	1
5	QPSK	12	7	21.13	21.23	21.13		
5	QPSK	12	13	21.10	21.23	21.13		
5	QPSK	25	0	21.27	21.26	21.16		
5	16QAM	1	0	21.18	21.24	21.27	23	1
5	16QAM	1	12	21.10	21.20	21.05		
5	16QAM	1	24	21.10	21.16	21.09		
5	16QAM	12	0	20.24	20.31	20.17	22	2
5	16QAM	12	7	20.17	20.23	20.14		
5	16QAM	12	13	20.06	20.18	20.16		
5	16QAM	25	0	20.16	20.28	20.21		
5	64QAM	1	0	20.09	20.19	20.28	22	2
5	64QAM	1	12	20.10	20.22	20.14		
5	64QAM	1	24	20.11	20.19	20.12		
5	64QAM	12	0	19.21	19.23	19.18	21	3
5	64QAM	12	7	19.15	19.22	19.21		
5	64QAM	12	13	19.11	19.22	19.14		
5	64QAM	25	0	19.30	19.31	19.12		
5	256QAM	1	0	17.25	17.30	17.20	19	5
5	256QAM	1	12	17.10	17.28	17.18		
5	256QAM	1	24	17.05	17.24	17.16		
5	256QAM	12	0	17.22	17.33	17.21	19	5
5	256QAM	12	7	17.15	17.29	17.19		
5	256QAM	12	13	17.16	17.20	17.14		
5	256QAM	25	0	17.04	17.10	17.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.20	24	0
3	QPSK	1	8	22.12	22.24	22.12		
3	QPSK	1	14	22.11	22.20	22.15		
3	QPSK	8	0	21.25	21.32	21.18	23	1
3	QPSK	8	4	21.12	21.24	21.11		
3	QPSK	8	7	21.09	21.20	21.16		
3	QPSK	15	0	21.26	21.28	21.16		
3	16QAM	1	0	21.17	21.21	21.22	23	1
3	16QAM	1	8	21.12	21.20	21.08		
3	16QAM	1	14	21.05	21.15	21.10		
3	16QAM	8	0	20.23	20.30	20.15	22	2
3	16QAM	8	4	20.17	20.21	20.15		
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27	22	2
3	64QAM	1	8	20.08	20.19	20.15		
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19	21	3
3	64QAM	8	4	19.16	19.22	19.20		
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07		
3	256QAM	1	0	17.24	17.27	17.18	19	5
3	256QAM	1	8	17.15	17.28	17.13		
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21	19	5
3	256QAM	8	4	17.16	17.22	17.29		
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.19	22.16	24	0
1.4	QPSK	1	3	22.00	22.15	22.10		
1.4	QPSK	1	5	22.05	22.15	22.18		
1.4	QPSK	3	0	22.01	22.08	22.15		
1.4	QPSK	3	1	22.01	22.09	22.03		
1.4	QPSK	3	3	22.05	22.05	22.06		
1.4	QPSK	6	0	21.08	21.26	21.26	23	1
1.4	16QAM	1	0	21.09	21.25	21.18	23	1
1.4	16QAM	1	3	21.05	21.22	21.12		
1.4	16QAM	1	5	21.08	21.18	21.05		
1.4	16QAM	3	0	21.10	21.20	21.18		
1.4	16QAM	3	1	21.02	21.17	21.08		
1.4	16QAM	3	3	21.05	21.15	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	22	2
1.4	64QAM	1	0	20.09	20.18	20.11	22	2
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07		
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.06	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	21	3
1.4	256QAM	1	0	17.04	17.27	17.11	19	5
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16		
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.25	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2
10	16QAM	25	12	20.78	20.75	20.58		
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.94		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.90	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.86		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.86	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				23017	23025	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

Band 13 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.96		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.63		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.70	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08		
20	QPSK	1	49	22.00	22.05	21.97	23	0
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17		
20	QPSK	50	24	20.96	21.16	20.91	22	1
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.05		
20	16QAM	1	0	21.16	21.18	21.03		
20	16QAM	1	49	21.03	21.17	20.93	22	1
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01		
20	16QAM	50	24	19.92	20.20	19.87	21	2
20	16QAM	50	50	19.84	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17		
20	64QAM	1	49	20.05	20.05	19.97	21	2
20	64QAM	1	99	19.93	20.16	20.01		
20	64QAM	50	0	19.14	19.16	19.01		
20	64QAM	50	24	18.96	19.24	18.92	20	3
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04		
20	256QAM	1	49	17.01	17.07	16.88	18	5
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14		
20	256QAM	50	24	17.20	17.16	17.14	18	5
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98		
15	QPSK	1	37	21.97	22.00	21.91	23	0
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05		
15	QPSK	36	20	20.89	21.12	20.84	22	1
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00		
15	16QAM	1	37	20.91	21.15	20.89	22	1
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96		
15	16QAM	36	20	19.87	20.11	19.76	21	2
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05		
15	64QAM	1	37	19.91	19.95	19.95	21	2
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88		
15	64QAM	36	20	18.86	19.17	18.78	20	3
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94		
15	256QAM	1	37	16.92	16.96	16.83	18	5
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08		
15	256QAM	36	20	17.14	17.10	17.11	18	5
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06		
10	QPSK	1	25	21.93	21.96	21.84	23	0
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11		
10	QPSK	25	12	20.89	21.08	20.77	22	1
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94		
10	16QAM	1	25	20.93	21.09	20.80	22	1
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98		
10	16QAM	25	12	19.87	20.13	19.84	21	2
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13		
10	64QAM	1	25	19.94	19.99	19.92	21	2
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90		
10	64QAM	25	12	18.82	19.19	18.82	20	3
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99		
10	256QAM	1	25	16.87	17.05	16.77	18	5
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07		
10	256QAM	25	12	17.12	17.09	17.02	18	5
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06		
5	QPSK	1	12	21.88	22.01	21.93	23	0
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09		
5	QPSK	12	7	20.87	21.08	20.84	22	1
5	QPSK	12	13	20.82	20.96	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95		
5	16QAM	1	12	20.99	21.11	20.90	22	1
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96		
5	16QAM	12	7	19.79	20.09	19.82	21	2
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05		
5	64QAM	1	12	19.91	20.03	19.85	21	2
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97		
5	64QAM	12	7	18.91	19.11	18.79	20	3
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01		
5	256QAM	1	12	16.95	17.02	16.80	18	5
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05		
5	256QAM	12	7	17.15	17.11	17.03	18	5
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98		
3	QPSK	1	8	21.90	21.99	21.93	23	0
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04		
3	QPSK	8	4	20.85	21.05	20.79	22	1
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00		
3	16QAM	1	8	20.97	21.10	20.82	22	1
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91		
3	16QAM	8	4	19.86	20.06	19.81	21	2
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08		
3	64QAM	1	8	19.93	19.98	19.91	21	2
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.98		
3	64QAM	8	4	18.91	19.17	18.79	20	3
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94		
3	256QAM	1	8	16.92	16.94	16.83	18	5
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04		
3	256QAM	8	4	17.18	17.05	17.04	18	5
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04		
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89	23	0
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90		
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91	22	1
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13		
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95	21	2
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90		
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85	18	5
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73		
15	QPSK	1	37	22.64	22.83	22.70	24	0
15	QPSK	1	74	22.66	22.82	22.59		
15	QPSK	36	0	21.81	21.87	21.73		
15	QPSK	36	20	21.68	21.80	21.65	23	1
15	QPSK	36	39	21.62	21.78	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77		
15	16QAM	1	37	21.64	21.88	21.65	23	1
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74		
15	16QAM	36	20	20.63	20.93	20.61	22	2
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78		
15	64QAM	1	37	20.67	20.82	20.70	22	2
15	64QAM	1	74	20.55	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71		
15	64QAM	36	20	19.69	19.87	19.68	21	3
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69		
15	256QAM	1	37	17.67	17.92	17.69	19	5
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.71	17.89	17.79		
15	256QAM	36	20	17.75	17.79	17.76	19	5
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64		
10	QPSK	1	25	22.55	22.70	22.61	24	0
10	QPSK	1	49	22.56	22.72	22.52		
10	QPSK	25	0	21.72	21.77	21.62		
10	QPSK	25	12	21.57	21.74	21.56	23	1
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.60	21.74	21.53	23	1
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65		
10	16QAM	25	12	20.57	20.81	20.49	22	2
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75		
10	64QAM	1	25	20.62	20.70	20.60	22	2
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66		
10	64QAM	25	12	19.54	19.77	19.54	21	3
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61		
10	256QAM	1	25	17.57	17.82	17.61	19	5
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66		
10	256QAM	25	12	17.68	17.65	17.68	19	5
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65		
5	QPSK	1	12	22.53	22.70	22.61	24	0
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58		
5	QPSK	12	7	21.54	21.77	21.56	23	1
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66		
5	16QAM	1	12	21.59	21.81	21.60	23	1
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67		
5	16QAM	12	7	20.59	20.83	20.57	22	2
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70		
5	64QAM	1	12	20.53	20.72	20.61	22	2
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58		
5	64QAM	12	7	19.57	19.82	19.54	21	3
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54		
5	256QAM	1	12	17.55	17.81	17.65	19	5
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68		
5	256QAM	12	7	17.62	17.70	17.72	19	5
5	256QAM	12	13	17.63	17.79	17.45		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63		
3	QPSK	1	8	22.56	22.80	22.59	24	0
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69		
3	QPSK	8	4	21.61	21.77	21.54	23	1
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67		
3	16QAM	1	8	21.55	21.85	21.53	23	1
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.67		
3	16QAM	8	4	20.51	20.88	20.53	22	2
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72		
3	64QAM	1	8	20.63	20.70	20.60	22	2
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58		
3	64QAM	8	4	19.56	19.74	19.61	21	3
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64		
3	256QAM	1	8	17.56	17.88	17.60	19	5
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71		
3	256QAM	8	4	17.65	17.72	17.72	19	5
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68		
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49	24	0
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.46	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65		
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56	23	1
1.4	16QAM	3	0	21.54	21.84	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66		
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55	22	2
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.59	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56		
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48	19	5
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58			
10	QPSK	1	25		22.55		24	0
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62			
10	QPSK	25	12		21.52		23	1
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56			
10	16QAM	1	25		21.53		23	1
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66			
10	16QAM	25	12		20.47		22	2
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55			
10	64QAM	1	25		20.51		22	2
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64			
10	64QAM	25	12		19.51		21	3
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56			
10	256QAM	1	25		17.51		19	5
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60			
10	256QAM	25	12		17.50		19	5
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50		
5	QPSK	1	12	22.42	22.49	22.45	24	0
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49		
5	QPSK	12	7	21.48	21.39	21.48	23	1
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42		
5	16QAM	1	12	21.50	21.42	21.51	23	1
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60		
5	16QAM	12	7	20.35	20.36	20.37	22	2
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45		
5	64QAM	1	12	20.39	20.48	20.42	22	2
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53		
5	64QAM	12	7	19.48	19.48	19.43	21	3
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.26	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.19	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.59	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.54		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50	22	2
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.39	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.69	22.76	22.73	24	0
20	QPSK	1	49	22.62	22.72	22.60		
20	QPSK	1	99	22.65	22.70	22.63		
20	QPSK	50	0	21.72	21.81	21.78	23	1
20	QPSK	50	24	21.67	21.71	21.58		
20	QPSK	50	50	21.69	21.75	21.65		
20	QPSK	100	0	21.68	21.79	21.72		
20	16QAM	1	0	21.63	21.76	21.68	23	1
20	16QAM	1	49	21.63	21.72	21.56		
20	16QAM	1	99	21.62	21.65	21.57		
20	16QAM	50	0	20.73	20.78	20.80	22	2
20	16QAM	50	24	20.70	20.74	20.63		
20	16QAM	50	50	20.63	20.70	20.65		
20	16QAM	100	0	20.62	20.81	20.77		
20	64QAM	1	0	20.58	20.79	20.67	22	2
20	64QAM	1	49	20.60	20.77	20.59		
20	64QAM	1	99	20.62	20.67	20.58		
20	64QAM	50	0	19.73	19.81	19.78	21	3
20	64QAM	50	24	19.72	19.70	19.59		
20	64QAM	50	50	19.64	19.79	19.68		
20	64QAM	100	0	19.72	19.75	19.84		
20	256QAM	1	0	17.75	17.81	17.75	19	5
20	256QAM	1	49	17.65	17.72	17.62		
20	256QAM	1	99	17.65	17.72	17.63		
20	256QAM	50	0	17.66	17.84	17.74	19	5
20	256QAM	50	24	17.63	17.79	17.66		
20	256QAM	50	50	17.64	17.72	17.56		
20	256QAM	100	0	17.63	17.68	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.63	22.67	22.60	24	0
15	QPSK	1	37	22.58	22.64	22.56		
15	QPSK	1	74	22.62	22.68	22.51		
15	QPSK	36	0	21.60	21.74	21.67	23	1
15	QPSK	36	20	21.59	21.60	21.48		
15	QPSK	36	39	21.59	21.63	21.56		
15	QPSK	75	0	21.54	21.75	21.71		
15	16QAM	1	0	21.54	21.64	21.64	23	1
15	16QAM	1	37	21.59	21.61	21.46		
15	16QAM	1	74	21.50	21.63	21.49		
15	16QAM	36	0	20.68	20.72	20.73	22	2
15	16QAM	36	20	20.60	20.65	20.52		
15	16QAM	36	39	20.52	20.57	20.61		
15	16QAM	75	0	20.54	20.72	20.71		
15	64QAM	1	0	20.61	20.66	20.61	22	2
15	64QAM	1	37	20.57	20.63	20.52		
15	64QAM	1	74	20.57	20.63	20.47		
15	64QAM	36	0	19.70	19.79	19.68	21	3
15	64QAM	36	20	19.62	19.58	19.46		
15	64QAM	36	39	19.56	19.71	19.58		
15	64QAM	75	0	19.69	19.64	19.71		
15	256QAM	1	0	17.68	17.72	17.62	19	5
15	256QAM	1	37	17.62	17.63	17.51		
15	256QAM	1	74	17.52	17.62	17.57		
15	256QAM	36	0	17.54	17.73	17.66	19	5
15	256QAM	36	20	17.49	17.70	17.56		
15	256QAM	36	39	17.52	17.60	17.54		
15	256QAM	75	0	17.55	17.56	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.58	22.73	22.69	24	0
10	QPSK	1	25	22.50	22.62	22.57		
10	QPSK	1	49	22.51	22.62	22.55		
10	QPSK	25	0	21.64	21.71	21.69	23	1
10	QPSK	25	12	21.53	21.58	21.55		
10	QPSK	25	25	21.57	21.62	21.59		
10	QPSK	50	0	21.55	21.75	21.69		
10	16QAM	1	0	21.51	21.74	21.58	23	1
10	16QAM	1	25	21.49	21.65	21.46		
10	16QAM	1	49	21.55	21.61	21.53		
10	16QAM	25	0	20.66	20.72	20.68	22	2
10	16QAM	25	12	20.68	20.65	20.59		
10	16QAM	25	25	20.56	20.67	20.55		
10	16QAM	50	0	20.53	20.71	20.73		
10	64QAM	1	0	20.48	20.70	20.56	22	2
10	64QAM	1	25	20.55	20.63	20.46		
10	64QAM	1	49	20.54	20.64	20.47		
10	64QAM	25	0	19.71	19.68	19.75	21	3
10	64QAM	25	12	19.67	19.67	19.49		
10	64QAM	25	25	19.52	19.71	19.57		
10	64QAM	50	0	19.67	19.66	19.75		
10	256QAM	1	0	17.65	17.71	17.70	19	5
10	256QAM	1	25	17.58	17.63	17.49		
10	256QAM	1	49	17.59	17.60	17.50		
10	256QAM	25	0	17.56	17.76	17.64	19	5
10	256QAM	25	12	17.53	17.76	17.62		
10	256QAM	25	25	17.57	17.65	17.47		
10	256QAM	50	0	17.58	17.59	17.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.69	22.67	24	0
5	QPSK	1	12	22.57	22.60	22.55		
5	QPSK	1	24	22.58	22.57	22.54		
5	QPSK	12	0	21.66	21.79	21.72	23	1
5	QPSK	12	7	21.62	21.69	21.60		
5	QPSK	12	13	21.60	21.63	21.62		
5	QPSK	25	0	21.65	21.75	21.68		
5	16QAM	1	0	21.55	21.69	21.59	23	1
5	16QAM	1	12	21.59	21.63	21.45		
5	16QAM	1	24	21.51	21.51	21.53		
5	16QAM	12	0	20.70	20.73	20.66	22	2
5	16QAM	12	7	20.59	20.61	20.57		
5	16QAM	12	13	20.58	20.57	20.54		
5	16QAM	25	0	20.59	20.72	20.65		
5	64QAM	1	0	20.49	20.69	20.60	22	2
5	64QAM	1	12	20.55	20.63	20.53		
5	64QAM	1	24	20.57	20.56	20.46		
5	64QAM	12	0	19.70	19.68	19.65	21	3
5	64QAM	12	7	19.69	19.61	19.49		
5	64QAM	12	13	19.60	19.62	19.62		
5	64QAM	25	0	19.62	19.70	19.78		
5	256QAM	1	0	17.68	17.68	17.66	19	5
5	256QAM	1	12	17.54	17.59	17.53		
5	256QAM	1	24	17.55	17.64	17.53		
5	256QAM	12	0	17.58	17.72	17.61	19	5
5	256QAM	12	7	17.50	17.70	17.53		
5	256QAM	12	13	17.53	17.70	17.52		
5	256QAM	25	0	17.51	17.58	17.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.38	23.45	23.37	23.41	24	0
20	QPSK	1	49	23.32	23.31	23.43	23.31	23.32		
20	QPSK	1	99	23.29	23.35	23.41	23.24	23.33		
20	QPSK	50	0	22.36	22.36	22.50	22.31	22.45	23	1
20	QPSK	50	24	22.34	22.32	22.44	22.26	22.37		
20	QPSK	50	50	22.25	22.33	22.39	22.20	22.36		
20	QPSK	100	0	22.38	22.36	22.47	22.37	22.37		
20	16QAM	1	0	22.38	22.33	22.45	22.31	22.46	23	1
20	16QAM	1	49	22.32	22.35	22.38	22.35	22.32		
20	16QAM	1	99	22.27	22.41	22.39	22.30	22.34		
20	16QAM	50	0	21.36	21.36	21.44	21.32	21.46	22	2
20	16QAM	50	24	21.39	21.34	21.39	21.25	21.40		
20	16QAM	50	50	21.26	21.32	21.38	21.24	21.31		
20	16QAM	100	0	21.38	21.39	21.52	21.33	21.38		
20	64QAM	1	0	21.41	21.32	21.46	21.26	21.42	22	2
20	64QAM	1	49	21.28	21.39	21.41	21.38	21.38		
20	64QAM	1	99	21.33	21.39	21.36	21.32	21.35		
20	64QAM	50	0	20.33	20.34	20.47	20.26	20.40	21	3
20	64QAM	50	24	20.28	20.37	20.44	20.26	20.43		
20	64QAM	50	50	20.30	20.34	20.34	20.17	20.33		
20	64QAM	100	0	20.32	20.34	20.43	20.33	20.39		
20	256QAM	1	0	18.33	18.34	18.54	18.27	18.41	19	5
20	256QAM	1	49	18.31	18.38	18.42	18.31	18.40		
20	256QAM	1	99	18.27	18.38	18.35	18.15	18.34		
20	256QAM	50	0	18.41	18.35	18.47	18.42	18.41	19	5
20	256QAM	50	24	18.35	18.33	18.45	18.27	18.40		
20	256QAM	50	50	18.37	18.30	18.41	18.41	18.27		
20	256QAM	100	0	18.22	18.46	18.35	18.32	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.37	23.24	23.36	23.25	23.28	24.00	0
15	QPSK	1	37	23.22	23.18	23.32	23.20	23.24		
15	QPSK	1	74	23.24	23.26	23.37	23.21	23.25		
15	QPSK	36	0	22.24	22.25	22.45	22.18	22.37	23	1
15	QPSK	36	20	22.28	22.25	22.42	22.22	22.24		
15	QPSK	36	39	22.18	22.29	22.27	22.07	22.23		
15	QPSK	75	0	22.24	22.33	22.44	22.26	22.30		
15	16QAM	1	0	22.26	22.29	22.33	22.28	22.42	23	1
15	16QAM	1	37	22.19	22.26	22.34	22.22	22.29		
15	16QAM	1	74	22.14	22.37	22.26	22.24	22.23		
15	16QAM	36	0	21.26	21.29	21.37	21.22	21.38	22	2
15	16QAM	36	20	21.35	21.26	21.31	21.20	21.34		
15	16QAM	36	39	21.23	21.21	21.24	21.17	21.22		
15	16QAM	75	0	21.26	21.32	21.46	21.30	21.35		
15	64QAM	1	0	21.39	21.25	21.34	21.24	21.29	22	2
15	64QAM	1	37	21.23	21.28	21.37	21.26	21.25		
15	64QAM	1	74	21.27	21.34	21.29	21.25	21.30		
15	64QAM	36	0	20.23	20.23	20.42	20.13	20.37	21	3
15	64QAM	36	20	20.23	20.26	20.31	20.18	20.32		
15	64QAM	36	39	20.18	20.32	20.31	20.12	20.25		
15	64QAM	75	0	20.22	20.24	20.32	20.30	20.33		
15	256QAM	1	0	18.24	18.21	18.44	18.24	18.32	19	5
15	256QAM	1	37	18.22	18.34	18.40	18.29	18.26		
15	256QAM	1	74	18.17	18.29	18.25	18.06	18.21		
15	256QAM	36	0	18.28	18.24	18.33	18.37	18.36	19	5
15	256QAM	36	20	18.23	18.23	18.33	18.24	18.32		
15	256QAM	36	39	18.33	18.19	18.36	18.38	18.14		
15	256QAM	75	0	18.15	18.38	18.23	18.28	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.32	23.35	23.35	23.32	23.35	24.00	0
10	QPSK	1	25	23.21	23.18	23.39	23.22	23.28		
10	QPSK	1	49	23.27	23.27	23.31	23.18	23.29		
10	QPSK	25	0	22.33	22.24	22.48	22.25	22.32	23	1
10	QPSK	25	12	22.23	22.21	22.35	22.12	22.32		
10	QPSK	25	25	22.19	22.20	22.27	22.10	22.31		
10	QPSK	50	0	22.29	22.31	22.44	22.31	22.31		
10	16QAM	1	0	22.25	22.30	22.37	22.28	22.36	23	1
10	16QAM	1	25	22.19	22.29	22.34	22.32	22.25		
10	16QAM	1	49	22.17	22.33	22.27	22.24	22.24		
10	16QAM	25	0	21.32	21.29	21.40	21.24	21.43	22	2
10	16QAM	25	12	21.27	21.22	21.33	21.22	21.34		
10	16QAM	25	25	21.15	21.29	21.33	21.21	21.17		
10	16QAM	50	0	21.32	21.25	21.48	21.29	21.24		
10	64QAM	1	0	21.36	21.23	21.43	21.14	21.35	22	2
10	64QAM	1	25	21.24	21.32	21.35	21.27	21.33		
10	64QAM	1	49	21.25	21.34	21.33	21.21	21.28		
10	64QAM	25	0	20.27	20.22	20.41	20.17	20.27	21	3
10	64QAM	25	12	20.16	20.29	20.40	20.17	20.35		
10	64QAM	25	25	20.24	20.28	20.26	20.05	20.30		
10	64QAM	50	0	20.28	20.27	20.37	20.22	20.33		
10	256QAM	1	0	18.19	18.22	18.50	18.23	18.33	19	5
10	256QAM	1	25	18.26	18.31	18.29	18.21	18.33		
10	256QAM	1	49	18.23	18.33	18.27	18.05	18.30		
10	256QAM	25	0	18.32	18.24	18.42	18.32	18.37	19	5
10	256QAM	25	12	18.30	18.29	18.34	18.24	18.32		
10	256QAM	25	25	18.29	18.18	18.28	18.29	18.14		
10	256QAM	50	0	18.16	18.35	18.23	18.24	18.25		
Channel				39675	40143	40620	41093	41560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.35	23.26	23.37	23.26	23.29	24.00	0
5	QPSK	1	12	23.26	23.25	23.37	23.17	23.27		
5	QPSK	1	24	23.19	23.25	23.37	23.12	23.20		
5	QPSK	12	0	22.23	22.29	22.44	22.27	22.41	23	1
5	QPSK	12	7	22.23	22.27	22.30	22.14	22.28		
5	QPSK	12	13	22.13	22.27	22.36	22.12	22.28		
5	QPSK	25	0	22.27	22.26	22.35	22.23	22.28		
5	16QAM	1	0	22.33	22.27	22.42	22.26	22.40	23	1
5	16QAM	1	12	22.21	22.26	22.24	22.23	22.18		
5	16QAM	1	24	22.19	22.37	22.32	22.27	22.22		
5	16QAM	12	0	21.29	21.33	21.32	21.20	21.43	22	2
5	16QAM	12	7	21.30	21.29	21.37	21.18	21.37		
5	16QAM	12	13	21.16	21.18	21.27	21.13	21.27		
5	16QAM	25	0	21.34	21.26	21.47	21.30	21.32		
5	64QAM	1	0	21.37	21.20	21.39	21.20	21.30	22	2
5	64QAM	1	12	21.17	21.29	21.29	21.26	21.27		
5	64QAM	1	24	21.31	21.26	21.27	21.22	21.26		
5	64QAM	12	0	20.31	20.20	20.41	20.17	20.35	21	3
5	64QAM	12	7	20.15	20.25	20.37	20.23	20.40		
5	64QAM	12	13	20.21	20.28	20.25	20.14	20.23		
5	64QAM	25	0	20.28	20.23	20.38	20.20	20.35		
5	256QAM	1	0	18.26	18.27	18.50	18.15	18.32	19	5
5	256QAM	1	12	18.28	18.27	18.30	18.28	18.29		
5	256QAM	1	24	18.17	18.32	18.21	18.05	18.22		
5	256QAM	12	0	18.32	18.27	18.42	18.37	18.32	19	5
5	256QAM	12	7	18.23	18.23	18.32	18.20	18.29		
5	256QAM	12	13	18.29	18.26	18.33	18.33	18.13		
5	256QAM	25	0	18.19	18.40	18.23	18.21	18.17		

Band 41 HPUE Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.46	25.33	25.50	25.41	25.36	27	0
20	QPSK	1	49	25.35	25.34	25.41	25.28	25.38		
20	QPSK	1	99	25.25	25.31	25.41	25.24	25.30		
20	QPSK	50	0	24.36	24.41	24.51	24.29	24.43	26	1
20	QPSK	50	24	24.37	24.28	24.46	24.23	24.35		
20	QPSK	50	50	24.25	24.36	24.39	24.18	24.31		
20	QPSK	100	0	24.43	24.33	24.48	24.42	24.35		
20	16QAM	1	0	24.36	24.31	24.46	24.32	24.41	26	1
20	16QAM	1	49	24.28	24.35	24.38	24.40	24.27		
20	16QAM	1	99	24.21	24.40	24.37	24.29	24.32		
20	16QAM	50	0	23.42	23.38	23.39	23.31	23.44	25	2
20	16QAM	50	24	23.34	23.30	23.37	23.28	23.45		
20	16QAM	50	50	23.24	23.38	23.38	23.21	23.30		
20	16QAM	100	0	23.33	23.42	23.50	23.28	23.34		
20	64QAM	1	0	23.37	23.35	23.41	23.22	23.45	25	2
20	64QAM	1	49	23.33	23.44	23.37	23.38	23.42		
20	64QAM	1	99	23.35	23.36	23.34	23.32	23.33		
20	64QAM	50	0	22.32	22.30	22.44	22.28	22.42	24	3
20	64QAM	50	24	22.32	22.37	22.49	22.20	22.37		
20	64QAM	50	50	22.29	22.31	22.39	22.13	22.37		
20	64QAM	100	0	22.35	22.33	22.48	22.36	22.37		
20	256QAM	1	0	20.30	20.34	20.56	20.29	20.45	22	5
20	256QAM	1	49	20.29	20.40	20.41	20.35	20.44		
20	256QAM	1	99	20.23	20.33	20.33	20.18	20.38		
20	256QAM	50	0	20.42	20.35	20.51	20.36	20.42	22	5
20	256QAM	50	24	20.29	20.34	20.46	20.28	20.42		
20	256QAM	50	50	20.42	20.35	20.37	20.44	20.25		
20	256QAM	100	0	20.18	20.46	20.35	20.37	20.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.41	25.28	25.43	25.36	25.26	27.00	0
15	QPSK	1	37	25.29	25.29	25.38	25.21	25.36		
15	QPSK	1	74	25.15	25.24	25.31	25.15	25.19		
15	QPSK	36	0	24.28	24.29	24.42	24.17	24.34	26	1
15	QPSK	36	20	24.31	24.20	24.43	24.19	24.22		
15	QPSK	36	39	24.13	24.28	24.32	24.07	24.27		
15	QPSK	75	0	24.40	24.28	24.42	24.29	24.30		
15	16QAM	1	0	24.27	24.19	24.44	24.19	24.32	26	1
15	16QAM	1	37	24.21	24.23	24.25	24.38	24.22		
15	16QAM	1	74	24.11	24.28	24.25	24.23	24.28		
15	16QAM	36	0	23.28	23.31	23.30	23.18	23.40	25	2
15	16QAM	36	20	23.21	23.23	23.34	23.20	23.34		
15	16QAM	36	39	23.13	23.33	23.30	23.16	23.28		
15	16QAM	75	0	23.23	23.35	23.38	23.26	23.25		
15	64QAM	1	0	23.32	23.29	23.38	23.13	23.31	25	2
15	64QAM	1	37	23.30	23.41	23.30	23.36	23.32		
15	64QAM	1	74	23.29	23.27	23.29	23.30	23.31		
15	64QAM	36	0	22.29	22.24	22.35	22.18	22.33	24	3
15	64QAM	36	20	22.19	22.30	22.41	22.14	22.33		
15	64QAM	36	39	22.20	22.21	22.29	22.06	22.25		
15	64QAM	75	0	22.24	22.20	22.44	22.26	22.30		
15	256QAM	1	0	20.22	20.21	20.49	20.19	20.42	22	5
15	256QAM	1	37	20.22	20.29	20.32	20.29	20.42		
15	256QAM	1	74	20.20	20.25	20.22	20.12	20.27		
15	256QAM	36	0	20.36	20.28	20.41	20.23	20.33	22	5
15	256QAM	36	20	20.24	20.23	20.39	20.20	20.35		
15	256QAM	36	39	20.36	20.26	20.28	20.41	20.15		
15	256QAM	75	0	20.13	20.43	20.29	20.25	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.41	25.28	25.47	25.27	25.28	27.00	0
10	QPSK	1	25	25.31	25.28	25.29	25.24	25.31		
10	QPSK	1	49	25.18	25.27	25.31	25.16	25.25		
10	QPSK	25	0	24.33	24.38	24.42	24.19	24.40	26	1
10	QPSK	25	12	24.33	24.16	24.40	24.21	24.23		
10	QPSK	25	25	24.19	24.23	24.31	24.08	24.18		
10	QPSK	50	0	24.40	24.21	24.40	24.38	24.28		
10	16QAM	1	0	24.30	24.23	24.35	24.30	24.28	26	1
10	16QAM	1	25	24.17	24.30	24.24	24.27	24.25		
10	16QAM	1	49	24.16	24.37	24.33	24.17	24.29		
10	16QAM	25	0	23.30	23.28	23.32	23.29	23.32	25	2
10	16QAM	25	12	23.26	23.23	23.28	23.18	23.39		
10	16QAM	25	25	23.22	23.32	23.33	23.15	23.16		
10	16QAM	50	0	23.23	23.37	23.42	23.14	23.32		
10	64QAM	1	0	23.25	23.21	23.36	23.11	23.43	25	2
10	64QAM	1	25	23.27	23.37	23.29	23.32	23.36		
10	64QAM	1	49	23.22	23.34

GSM850 Ant1 DSI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 DSI10			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.80	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.32	22.27		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.25	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.17	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.26	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.30	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.20		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.14		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.14		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.28	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.29	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.08	20.16	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	19.09	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.01	22.06	21.98		
20	QPSK	1	49	21.92	22.04	21.93	23	0
20	QPSK	1	99	21.96	22.01	21.93		
20	QPSK	50	0	21.01	21.10	21.01		
20	QPSK	50	24	20.89	21.00	20.91	22	1
20	QPSK	50	50	20.99	20.96	20.89		
20	QPSK	100	0	21.03	21.07	20.98		
20	16QAM	1	0	21.05	21.04	21.04		
20	16QAM	1	49	20.87	21.02	20.92	22	1
20	16QAM	1	99	21.01	20.97	20.92		
20	16QAM	50	0	19.96	20.14	19.95		
20	16QAM	50	24	19.83	19.95	19.88	21	2
20	16QAM	50	50	19.96	19.97	19.91		
20	16QAM	100	0	20.03	20.03	19.96		
20	64QAM	1	0	20.10	20.07	20.00		
20	64QAM	1	49	19.88	20.01	19.90	21	2
20	64QAM	1	99	19.99	19.96	19.86		
20	64QAM	50	0	19.03	19.04	18.99		
20	64QAM	50	24	18.94	19.05	18.90	20	3
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00		
20	256QAM	1	49	16.85	17.01	16.94	18	5
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94		
20	256QAM	50	24	17.06	17.06	17.03	18	5
20	256QAM	50	50	16.91	16.96	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.91	21.93	21.87		
15	QPSK	1	37	21.89	21.99	21.82	23	0
15	QPSK	1	74	21.86	21.97	21.81		
15	QPSK	36	0	20.93	20.99	20.98		
15	QPSK	36	20	20.75	20.97	20.87	22	1
15	QPSK	36	39	20.88	20.93	20.82		
15	QPSK	75	0	21.00	20.95	20.93		
15	16QAM	1	0	20.95	20.91	20.94		
15	16QAM	1	37	20.79	20.92	20.83	22	1
15	16QAM	1	74	20.88	20.93	20.85		
15	16QAM	36	0	19.89	20.09	19.82		
15	16QAM	36	20	19.73	19.86	19.77	21	2
15	16QAM	36	39	19.94	19.92	19.83		
15	16QAM	75	0	20.00	19.95	19.90		
15	64QAM	1	0	20.02	20.05	19.86		
15	64QAM	1	37	19.85	19.94	19.77	21	2
15	64QAM	1	74	19.90	19.89	19.83		
15	64QAM	36	0	18.93	18.91	18.95		
15	64QAM	36	20	18.92	18.99	18.77	20	3
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96		
15	256QAM	1	37	16.72	16.90	16.83	18	5
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84		
15	256QAM	36	20	16.95	16.97	16.96	18	5
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.98	21.95		
10	QPSK	1	25	21.88	21.92	21.91	23	0
10	QPSK	1	49	21.92	21.96	21.87		
10	QPSK	25	0	20.89	21.04	20.91		
10	QPSK	25	12	20.80	20.96	20.83	22	1
10	QPSK	25	25	20.88	20.93	20.87		
10	QPSK	50	0	20.97	20.99	20.96		
10	16QAM	1	0	20.93	20.97	20.92		
10	16QAM	1	25	20.79	20.89	20.87	22	1
10	16QAM	1	49	20.96	20.85	20.84		
10	16QAM	25	0	19.91	20.02	19.86		
10	16QAM	25	12	19.80	19.86	19.85	21	2
10	16QAM	25	25	19.88	19.92	19.86		
10	16QAM	50	0	20.00	19.90	19.84		
10	64QAM	1	0	20.02	19.93	19.93		
10	64QAM	1	25	19.75	19.92	19.82	21	2
10	64QAM	1	49	19.89	19.94	19.76		
10	64QAM	25	0	18.98	18.98	18.87		
10	64QAM	25	12	18.91	18.94	18.78	20	3
10	64QAM	25	25	18.93	18.94	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.90	17.01	16.94		
10	256QAM	1	25	16.77	16.92	16.81	18	5
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83		
10	256QAM	25	12	16.86	16.94	17.00	18	5
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.02	21.92		
5	QPSK	1	12	21.86	21.91	21.90	23	0
5	QPSK	1	24	21.87	21.93	21.83		
5	QPSK	12	0	20.95	20.98	20.90		
5	QPSK	12	7	20.87	20.94	20.82	22	1
5	QPSK	12	13	20.95	20.88	20.86		
5	QPSK	25	0	20.91	21.02	20.95		
5	16QAM	1	0	20.99	20.99	20.94		
5	16QAM	1	12	20.80	20.95	20.84	22	1
5	16QAM	1	24	20.97	20.91	20.80		
5	16QAM	12	0	19.83	20.10	19.85		
5	16QAM	12	7	19.71	19.88	19.74	21	2
5	16QAM	12	13	19.94	19.91	19.84		
5	16QAM	25	0	19.97	20.00	19.86		
5	64QAM	1	0	20.06	19.97	19.93		
5	64QAM	1	12	19.76	19.95	19.77	21	2
5	64QAM	1	24	19.94	19.92	19.78		
5	64QAM	12	0	18.99	19.00	18.96		
5	64QAM	12	7	18.82	19.00	18.78	20	3
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91		
5	256QAM	1	12	16.74	16.92	16.90	18	5
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85		
5	256QAM	12	7	17.00	16.96	16.96	18	5
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.88	22.04	21.88		
3	QPSK	1	8	21.80	22.00	21.91	23	0
3	QPSK	1	14	21.86	21.97	21.91		
3	QPSK	8	0	20.94	21.08	20.95		
3	QPSK	8	4	20.77	20.93	20.87	22	1
3	QPSK	8	7	20.94	20.88	20.86		
3	QPSK	15	0	20.95	20.98	20.92		
3	16QAM	1	0	21.03	20.99	21.00		
3	16QAM	1	8	20.84	20.89	20.88	22	1
3	16QAM	1	14	20.88	20.84	20.88		
3	16QAM	8	0	19.93	20.05	19.86		
3	16QAM	8	4	19.73	19.88	19.75	21	2
3	16QAM	8	7	19.87	19.93	19.82		
3	16QAM	15	0	19.99	19.95	19.83		
3	64QAM	1	0	20.02	20.02	19.87		
3	64QAM	1	8	19.84	19.94	19.78	21	2
3	64QAM	1	14	19.88	19.93	19.74		
3	64QAM	8	0	19.00	18.99	18.86		
3	64QAM	8	4	18.87	18.98	18.84	20	3
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90		
3	256QAM	1	8	16.80	16.89	16.83	18	5
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83		
3	256QAM	8	4	16.99	16.93	16.92	18	5
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.87		
1.4	QPSK	1	3	21.82	21.98	21.87		
1.4	QPSK	1	5	21.84	21.94	21.80	23	0
1.4	QPSK	3	0	21.88	21.88	21.82		
1.4	QPSK	3	1	21.77	21.87	21.81		
1.4	QPSK	3	3	21.73	21.87	21.77		
1.4	QPSK	6	0	20.93	20.94	20.95	22	1
1.4	16QAM	1	0	20.97	20.92	20.94		
1.4	16QAM	1	3	20.73	20.94	20.79		
1.4	16QAM	1	5	20.97	20.83	20.88	22	1
1.4	16QAM	3	0	20.91	20.87	20.91		
1.4	16QAM	3	1	20.93	20.85	20.82		
1.4	16QAM	3	3	20.63	20.84	20.75		
1.4	16QAM	6	0	20.00	19.89	19.88	21	2
1.4	64QAM	1	0	19.96	19.99	19.91		
1.4	64QAM	1	3	19.80	19.99	19.84		
1.4	64QAM	1	5	19.85	19.87	19.77	21	2
1.4	64QAM	3	0	19.92	19.80	19.80		
1.4	64QAM	3	1	19.88	19.91	19.82		
1.4	64QAM	3	3	19.67	19.88	19.76		
1.4	64QAM	6	0	18.93	18.97	18.91	20	3
1.4	256QAM	1	0	16.93	16.97	16.93		
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77	18	5
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.87	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.87	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.66	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

Band 13 Ant 1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

Band 14 Ant 1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

Band 17 Ant 1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.38	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.34	22.41	22.32		
20	QPSK	1	49	22.30	22.36	22.16	23	0
20	QPSK	1	99	22.20	22.40	22.23		
20	QPSK	50	0	21.44	21.45	21.25		
20	QPSK	50	24	21.35	21.32	21.23	22	1
20	QPSK	50	50	21.21	21.28	21.31		
20	QPSK	100	0	21.35	21.41	21.29		
20	16QAM	1	0	21.29	21.33	21.33		
20	16QAM	1	49	21.35	21.39	21.12	22	1
20	16QAM	1	99	21.20	21.33	21.21		
20	16QAM	50	0	20.44	20.39	20.25		
20	16QAM	50	24	20.41	20.45	20.22	21	2
20	16QAM	50	50	20.21	20.28	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24		
20	64QAM	1	49	20.40	20.34	20.15	21	2
20	64QAM	1	99	20.15	20.35	20.33		
20	64QAM	50	0	19.32	19.42	19.23		
20	64QAM	50	24	19.43	19.32	19.24	20	3
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26		
20	256QAM	1	49	17.40	17.31	17.19	18	5
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18		
20	256QAM	50	24	17.25	17.40	17.29	18	5
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.23	22.34	22.20		
15	QPSK	1	37	22.26	22.25	22.12	23	0
15	QPSK	1	74	22.08	22.31	22.14		
15	QPSK	36	0	21.31	21.42	21.19		
15	QPSK	36	20	21.21	21.27	21.18	22	1
15	QPSK	36	39	21.15	21.26	21.17		
15	QPSK	75	0	21.30	21.38	21.24		
15	16QAM	1	0	21.23	21.25	21.28		
15	16QAM	1	37	21.28	21.36	21.06	22	1
15	16QAM	1	74	21.08	21.22	21.14		
15	16QAM	36	0	20.32	20.31	20.21		
15	16QAM	36	20	20.28	20.40	20.11	21	2
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16		
15	64QAM	1	37	20.35	20.23	20.12	21	2
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12		
15	64QAM	36	20	19.38	19.19	19.10	20	3
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.38	19.24		
15	256QAM	1	0	17.32	17.27	17.17		
15	256QAM	1	37	17.26	17.25	17.11	18	5
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12		
15	256QAM	36	20	17.12	17.36	17.16	18	5
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.30	22.21		
10	QPSK	1	25	22.18	22.22	22.02	23	0
10	QPSK	1	49	22.08	22.38	22.13		
10	QPSK	25	0	21.31	21.42	21.22		
10	QPSK	25	12	21.31	21.27	21.19	22	1
10	QPSK	25	25	21.13	21.16	21.21		
10	QPSK	50	0	21.24	21.39	21.25		
10	16QAM	1	0	21.17	21.25	21.25		
10	16QAM	1	25	21.27	21.32	21.08	22	1
10	16QAM	1	49	21.18	21.21	21.08		
10	16QAM	25	0	20.37	20.35	20.14		
10	16QAM	25	12	20.31	20.39	20.15	21	2
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15		
10	64QAM	1	25	20.27	20.22	20.03	21	2
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15		
10	64QAM	25	12	19.29	19.19	19.15	20	3
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15		
10	256QAM	1	25	17.31	17.21	17.15	18	5
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14		
10	256QAM	25	12	17.12	17.32	17.26	18	5
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26085	26340	26585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.24	22.36	22.28		
5	QPSK	1	12	22.24	22.31	22.02	23	0
5	QPSK	1	24	22.14	22.28	22.19		
5	QPSK	12	0	21.40	21.32	21.17		
5	QPSK	12	7	21.27	21.29	21.18	22	1
5	QPSK	12	13	21.11	21.22	21.20		
5	QPSK	25	0	21.21	21.28	21.22		
5	16QAM	1	0	21.19	21.30	21.26		
5	16QAM	1	12	21.32	21.33	21.08	22	1
5	16QAM	1	24	21.16	21.29	21.16		
5	16QAM	12	0	20.41	20.32	20.22		
5	16QAM	12	7	20.30	20.33	20.11	21	2
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13		
5	64QAM	1	12	20.35	20.30	20.09	21	2
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14		
5	64QAM	12	7	19.39	19.22	19.14	20	3
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.18		
5	256QAM	1	12	17.27	17.25	17.07	18	5
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06		
5	256QAM	12	7	17.14	17.34	17.19	18	5
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.27	22.28		
3	QPSK	1	8	22.28	22.32	22.13	23	0
3	QPSK	1	14	22.14	22.36	22.15		
3	QPSK	8	0	21.34	21.36	21.11		
3	QPSK	8	4	21.25	21.28	21.16	22	1
3	QPSK	8	7	21.15	21.22	21.20		
3	QPSK	15	0	21.23	21.39	21.18		
3	16QAM	1	0	21.20	21.31	21.24		
3	16QAM	1	8	21.32	21.33	20.99	22	1
3	16QAM	1	14	21.16	21.29	21.18		
3	16QAM	8	0	20.32	20.30	20.21		
3	16QAM	8	4	20.38	20.39	20.14	21	2
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13		
3	64QAM	1	8	20.36	20.25	20.03	21	2
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11		
3	64QAM	8	4	19.33	19.25	19.13	20	3
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20		
3	256QAM	1	8	17.33	17.27	17.07	18	5
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05		
3	256QAM	8	4	17.18	17.35	17.20	18	5
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.21	22.29	22.26		
1.4	QPSK	1	3	22.25	22.22	22.13	23	0
1.4	QPSK	1	5	22.17	22.36	22.12		
1.4	QPSK	3	0	22.09	22.22	22.16		
1.4	QPSK	3	1	22.22	22.19	22.06		
1.4	QPSK	3	3	22.07	22.28	22.06		
1.4	QPSK	6	0	21.23	21.26	21.18	22	1
1.4	16QAM	1	0	21.19	21.28	21.22		
1.4	16QAM	1	3	21.32	21.35	21.05		
1.4	16QAM	1	5	21.08	21.23	21.17	22	1
1.4	16QAM	3	0	21.11	21.18	21.11		
1.4	16QAM	3	1	21.15	21.24	21.10		
1.4	16QAM	3	3	21.24	21.25	21.00		
1.4	16QAM	6	0	20.27	20.25	20.17	21	2
1.4	64QAM	1	0	20.10	20.20	20.10		
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30	21	2
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	3
1.4	256QAM	1	0	17.29	17.33	17.14		
1.4	256QAM	1	3	17.30	17.28	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24	18	5
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38		
15	QPSK	1	37	22.35	22.43	22.35	24	0
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32		
15	QPSK	36	20	21.30	21.45	21.31	23	1
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36		
15	16QAM	1	37	21.36	21.39	21.38	23	1
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33		
15	16QAM	36	20	20.28	20.45	20.28	22	2
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33		
15	64QAM	1	37	20.36	20.34	20.35	22	2
15	64QAM	1	74	20.36	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32		
15	64QAM	36	20	19.35	19.42	19.30	21	3
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36		
15	256QAM	1	37	17.34	17.40	17.26	19	5
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36		
15	256QAM	36	20	17.44	17.44	17.39	19	5
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29		
10	QPSK	1	25	22.32	22.33	22.22	24	0
10	QPSK	1	49	22.22	22.33	22.22		
10	QPSK	25	0	21.26	21.46	21.29		
10	QPSK	25	12	21.22	21.31	21.17	23	1
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24		
10	16QAM	1	25	21.28	21.35	21.27	23	1
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28		
10	16QAM	25	12	20.23	20.33	20.22	22	2
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29		
10	64QAM	1	25	20.23	20.28	20.21	22	2
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21		
10	64QAM	25	12	19.23	19.32	19.17	21	3
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24		
10	256QAM	1	25	17.27	17.30	17.15	19	5
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30		
10	256QAM	25	12	17.35	17.36	17.29	19	5
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29		
5	QPSK	1	12	22.29	22.34	22.27	24	0
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19		
5	QPSK	12	7	21.27	21.43	21.22	23	1
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28		
5	16QAM	1	12	21.34	21.27	21.36	23	1
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19		
5	16QAM	12	7	20.19	20.39	20.23	22	2
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24		
5	64QAM	1	12	20.27	20.27	20.27	22	2
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19		
5	64QAM	12	7	19.32	19.32	19.23	21	3
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28		
5	256QAM	1	12	17.25	17.31	17.15	19	5
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23		
5	256QAM	12	7	17.40	17.40	17.25	19	5
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34		
3	QPSK	1	8	22.32	22.34	22.30	24	0
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25		
3	QPSK	8	4	21.25	21.35	21.24	23	1
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30		
3	16QAM	1	8	21.29	21.31	21.26	23	1
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25		
3	16QAM	8	4	20.16	20.32	20.24	22	2
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27		
3	64QAM	1	8	20.22	20.23	20.28	22	2
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23		
3	64QAM	8	4	19.22	19.40	19.25	21	3
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28		
3	256QAM	1	8	17.28	17.33	17.18	19	5
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.32	17.36	17.36	19	5
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28		
1.4	QPSK	1	3	22.26	22.32	22.27	24	0
1.4	QPSK	1	5	22.21	22.37	22.25		
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.36	21.36	21.32		
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17	23	1
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24		
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18	22	2
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31		
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21	19	5
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85			
10	QPSK	1	25		20.83		22	0
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91			
10	QPSK	25	12		19.80		21	1
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84			
10	16QAM	1	25		19.86		21	1
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95			
10	16QAM	25	12		18.78		20	2
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85			
10	64QAM	1	25		18.89		20	2
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96			
10	64QAM	25	12		17.82		19	3
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86			
10	256QAM	1	25		15.77		17	5
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90			
10	256QAM	25	12		15.86		17	5
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79		
5	QPSK	1	12	20.77	20.77	20.72	22	0
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89		
5	QPSK	12	7	19.72	19.67	19.67	21	1
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72		
5	16QAM	1	12	19.84	19.81	19.76	21	1
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83		
5	16QAM	12	7	18.69	18.70	18.76	20	2
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76		
5	64QAM	1	12	18.78	18.79	18.79	20	2
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83		
5	64QAM	12	7	17.68	17.73	17.75	19	3
5	64QAM	12	13	17.70	17.75	17.69		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	21.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.72	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.99	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131972	132222	132522	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.97	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.85		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.87		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.54	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.38	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.43	23.40	25	0
20	QPSK	1	49	23.18	23.29	23.31		
20	QPSK	1	99	23.16	23.27	23.26		
20	QPSK	50	0	22.25	22.37	22.33	24	1
20	QPSK	50	24	22.18	22.25	22.35		
20	QPSK	50	50	22.18	22.32	22.30		
20	QPSK	100	0	22.25	22.38	22.28		
20	16QAM	1	0	22.12	22.33	22.42	24	1
20	16QAM	1	49	22.16	22.40	22.23		
20	16QAM	1	99	22.14	22.29	22.25		
20	16QAM	50	0	21.16	21.35	21.31	23	2
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	2
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	3
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	5
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	5
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.08	23.33	23.25	25	0
15	QPSK	1	37	23.06	23.25	23.21		
15	QPSK	1	74	23.06	23.12	23.20		
15	QPSK	36	0	22.21	22.31	22.23	24	1
15	QPSK	36	20	22.12	22.13	22.28		
15	QPSK	36	39	22.12	22.21	22.24		
15	QPSK	75	0	22.16	22.30	22.18		
15	16QAM	1	0	22.00	22.25	22.31	24	1
15	16QAM	1	37	22.02	22.25	22.14		
15	16QAM	1	74	22.08	22.12	22.12		
15	16QAM	36	0	21.10	21.27	21.17	23	2
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	2
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	3
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	5
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	5
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.10	23.36	23.28	25	0
10	QPSK	1	25	23.11	23.18	23.23		
10	QPSK	1	49	23.07	23.21	23.14		
10	QPSK	25	0	22.18	22.26	22.27	24	1
10	QPSK	25	12	22.12	22.19	22.24		
10	QPSK	25	25	22.02	22.20	22.16		
10	QPSK	50	0	22.13	22.25	22.17		
10	16QAM	1	0	22.04	22.28	22.31	24	1
10	16QAM	1	25	22.07	22.33	22.19		
10	16QAM	1	49	22.20	22.22	22.13		
10	16QAM	25	0	21.01	21.26	21.16	23	2
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.21	21.31	23	2
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	3
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	5
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	5
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	23.05	23.32	23.29	25	0
5	QPSK	1	12	23.03	23.24	23.17		
5	QPSK	1	24	23.10	23.16	23.17		
5	QPSK	12	0	22.14	22.28	22.23	24	1
5	QPSK	12	7	22.08	22.13	22.24		
5	QPSK	12	13	22.13	22.26	22.20		
5	QPSK	25	0	22.11	22.31	22.18		
5	16QAM	1	0	22.00	22.24	22.33	24	1
5	16QAM	1	12	22.11	22.26	22.07		
5	16QAM	1	24	22.01	22.14	22.17		
5	16QAM	12	0	21.11	21.20	21.19	23	2
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	2
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	3
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	5
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	5
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.81	23.96	23.94	23.88	25	0
20	QPSK	1	49	23.71	23.77	23.93	23.91	23.77		
20	QPSK	1	99	23.73	23.72	23.90	23.87	23.75		
20	QPSK	50	0	22.90	22.81	23.00	22.95	22.89	24	1
20	QPSK	50	24	22.69	22.83	22.87	22.92	22.76		
20	QPSK	50	50	22.75	22.77	22.91	22.90	22.74		
20	QPSK	100	0	22.86	22.84	22.99	22.91	22.91		
20	16QAM	1	0	22.88	22.78	22.96	22.98	22.86	24	1
20	16QAM	1	49	22.66	22.78	22.95	22.85	22.79		
20	16QAM	1	99	22.74	22.75	22.87	22.85	22.77		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	2
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	2
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	3
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	5
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	5
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.73	23.76	23.85	23.88	23.79	25.00	0
15	QPSK	1	37	23.62	23.75	23.91	23.84	23.69		
15	QPSK	1	74	23.66	23.58	23.81	23.74	23.71		
15	QPSK	36	0	22.80	22.78	22.87	22.90	22.83	24	1
15	QPSK	36	20	22.61	22.79	22.80	22.78	22.73		
15	QPSK	36	39	22.71	22.70	22.88	22.83	22.63		
15	QPSK	75	0	22.75	22.75	22.89	22.83	22.88		
15	16QAM	1	0	22.85	22.64	22.92	22.94	22.81	24	1
15	16QAM	1	37	22.63	22.71	22.90	22.77	22.77		
15	16QAM	1	74	22.67	22.67	22.82	22.79	22.71		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	2
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	2
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	3
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	5
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	5
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.73	23.94	23.82	23.78	25.00	0
10	QPSK	1	25	23.61	23.67	23.80	23.87	23.75		
10	QPSK	1	49	23.65	23.65	23.82	23.79	23.67		
10	QPSK	25	0	22.84	22.73	22.96	22.86	22.79	24	1
10	QPSK	25	12	22.62	22.71	22.83	22.88	22.63		
10	QPSK	25	25	22.66	22.68	22.82	22.83	22.70		
10	QPSK	50	0	22.83	22.79	22.92	22.86	22.85		
10	16QAM	1	0	22.84	22.71	22.93	22.86	22.73	24	1
10	16QAM	1	25	22.61	22.65	22.84	22.73	22.75		
10	16QAM	1	49	22.66	22.64	22.82	22.72	22.66		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	2
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	2
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	3
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	5
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	5
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.77	23.84	23.81	23.78	25.00	0
5	QPSK	1	12	23.62	23.73	23.83	23.77	23.64		
5	QPSK	1	24	23.71	23.68	23.83	23.82	23.67		
5	QPSK	12	0	22.77	22.77	22.95	22.87	22.77	24	1
5	QPSK	12	7	22.58	22.70	22.80	22.88	22.72		
5	QPSK	12	13	22.62	22.74	22.79	22.80	22.64		
5	QPSK	25	0	22.72	22.74	22.97	22.87	22.86		
5	16QAM	1	0	22.74	22.75	22.88	22.87	22.81	24	1
5	16QAM	1	12	22.63	22.67	22.84	22.76	22.68		
5	16QAM	1	24	22.67	22.64	22.81	22.77	22.67		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	2
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	2
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	3
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	5
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	5
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.88	25.96	26.02	25.92	25.93	27	0
20	QPSK	1	49	25.84	25.93	25.98	25.86	25.84		
20	QPSK	1	99	25.79	25.91	25.97	25.80	25.85		
20	QPSK	50	0	24.88	25.01	25.06	24.95	24.95	26	1
20	QPSK	50	24	24.84	24.91	25.01	24.84	24.87		
20	QPSK	50	50	24.81	24.92	25.02	24.75	24.85		
20	QPSK	100	0	24.86	24.96	25.03	24.92	24.91		
20	16QAM	1	0	24.91	24.97	25.02	24.92	24.98	26	1
20	16QAM	1	49	24.84	24.87	25.01	24.91	24.84		
20	16QAM	1	99	24.77	24.95	24.99	24.77	24.88		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	2
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	2
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	3
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.83	25.88	25.94	25.81	25.91	27.00	0
15	QPSK	1	37	25.72	25.88	25.93	25.79	25.72		
15	QPSK	1	74	25.74	25.80	25.90	25.74	25.81		
15	QPSK	36	0	24.84	24.89	24.95	24.91	24.84	26	1
15	QPSK	36	20	24.75	24.82	24.88	24.71	24.75		
15	QPSK	36	39	24.71	24.84	24.96	24.70	24.81		
15	QPSK	75	0	24.75	24.83	24.92	24.82	24.84		
15	16QAM	1	0	24.84	24.90	24.93	24.84	24.87	26	1
15	16QAM	1	37	24.71	24.85	24.88	24.80	24.78		
15	16QAM	1	74	24.75	24.83	24.88	24.74	24.80		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	2
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	2
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	3
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.75	22	5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.92	25.89	25.86	25.89	27.00	0
10	QPSK	1	25	25.71	25.85	25.95	25.75	25.75		
10	QPSK	1	49	25.77	25.83	25.83	25.66	25.82		
10	QPSK	25	0	24.85	24.99	25.02	24.86	24.88	26	1
10	QPSK	25	12	24.73	24.80	24.92	24.77	24.79		
10	QPSK	25	25	24.70	24.84	24.91	24.72	24.72		
10	QPSK	50	0	24.73	24.88	25.00	24.88	24.88		
10	16QAM	1	0	24.85	24.85	24.89	24.86	24.90	26	1
10	16QAM	1	25	24.77	24.82	24.99	24.83	24.70		
10	16QAM	1	49	24.72	24.85	24.93	24.66	24.78		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	2
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.01	23.90	23.84		
10	64QAM	1	0	23.76	23.87	23.95	23.83	23.88	25	2
10	64QAM	1	25	23.69	23.74	23.92	23.85	23.88		
10	64QAM	1	49	23.63	23.82

GSM1900 Ant2 DSI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.22	30.30	30.16	30.50	21.22	21.30	21.16	21.50
GPRS 1 Tx slot	30.15	30.25	30.13	30.50	21.15	21.25	21.13	21.50
GPRS 2 Tx slots	27.69	27.76	27.72	28.50	21.69	21.76	21.72	22.50
GPRS 3 Tx slots	25.49	25.56	25.52	26.50	21.23	21.30	21.26	22.24
GPRS 4 Tx slots	23.60	23.70	23.68	25.00	20.60	20.70	20.68	22.00
EDGE 1 Tx slot	24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots	23.71	23.75	23.67	25.00	17.71	17.75	17.67	19.00
EDGE 3 Tx slots	22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots	19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 DSI10			Tune-up Limit (dBm)	WCDMA IV Ant2 DSI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.39	20.48	20.36	22.10	23.15	23.13	23.20	24.00
3GPP Rel 99	RMC 12.2Kbps	20.49	20.68	20.44	22.10	23.17	23.32	23.16	24.00
3GPP Rel 6	HSDPA Subtest-1	19.43	19.50	19.42	21.10	22.27	22.24	22.21	23.00
3GPP Rel 6	HSDPA Subtest-2	19.60	19.45	19.42	21.10	22.23	22.28	22.21	23.00
3GPP Rel 6	HSDPA Subtest-3	19.04	19.07	18.85	20.60	21.64	21.71	21.62	22.50
3GPP Rel 6	HSDPA Subtest-4	19.03	19.11	18.93	20.60	21.64	21.82	21.71	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.47	19.52	19.40	21.10	22.16	22.33	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.54	19.44	19.33	21.10	22.22	22.25	22.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	18.98	18.96	20.60	21.76	21.84	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.06	19.03	18.85	20.60	21.77	21.83	21.67	22.50
3GPP Rel 6	HSUPA Subtest-1	19.49	19.54	19.43	21.10	22.18	22.31	22.29	23.00
3GPP Rel 6	HSUPA Subtest-2	17.44	17.49	17.38	19.10	20.16	20.35	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	18.47	18.45	18.40	20.10	21.27	21.30	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	17.53	17.52	17.42	19.10	20.30	20.24	20.18	21.00
3GPP Rel 6	HSUPA Subtest-5	19.46	19.53	19.43	21.10	22.28	22.33	22.14	23.00

Band 2 Ant 2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.01	21.13	21.03	22.6	0
20	QPSK	1	49	20.94	20.99	21.03		
20	QPSK	1	99	20.87	20.95	21.04		
20	QPSK	50	0	20.91	21.07	20.91		
20	QPSK	50	24	20.94	21.00	21.04		
20	QPSK	50	50	20.99	21.04	20.96		
20	QPSK	100	0	21.05	21.00	20.94		
20	16QAM	1	0	20.93	21.08	21.08		
20	16QAM	1	49	21.04	21.02	21.01	22.6	0
20	16QAM	1	99	20.91	21.06	20.96		
20	16QAM	50	0	20.95	21.12	20.98		
20	16QAM	50	24	20.98	21.00	21.03	22.6	0
20	16QAM	50	50	20.96	20.99	21.07		
20	16QAM	100	0	20.92	21.01	21.09		
20	64QAM	1	0	20.33	20.48	20.45		
20	64QAM	1	49	20.37	20.51	20.50	22	0.6
20	64QAM	1	99	20.38	20.51	20.36		
20	64QAM	50	0	19.28	19.49	19.41		
20	64QAM	50	24	19.32	19.49	19.36	21	1.6
20	64QAM	50	50	19.46	19.52	19.34		
20	64QAM	100	0	19.36	19.44	19.40		
20	256QAM	1	0	17.37	17.54	17.34		
20	256QAM	1	49	17.33	17.52	17.41	19	3.6
20	256QAM	1	99	17.34	17.49	17.36		
20	256QAM	50	0	17.38	17.51	17.46		
20	256QAM	50	24	17.36	17.48	17.42	19	3.6
20	256QAM	50	50	17.33	17.43	17.47		
20	256QAM	100	0	17.38	17.40	17.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.85	21.01	20.88	22.6	0
15	QPSK	1	37	20.83	20.91	20.87		
15	QPSK	1	74	20.73	20.89	20.99		
15	QPSK	36	0	20.81	21.02	20.76		
15	QPSK	36	20	20.82	20.93	20.92	22.6	0
15	QPSK	36	39	20.85	20.98	20.89		
15	QPSK	75	0	20.97	20.98	20.86		
15	16QAM	1	0	20.88	20.96	21.01		
15	16QAM	1	37	20.96	20.92	20.95	22.6	0
15	16QAM	1	74	20.86	21.00	20.85		
15	16QAM	36	0	20.84	20.99	20.90		
15	16QAM	36	20	20.88	20.96	20.92	22.6	0
15	16QAM	36	39	20.83	20.91	20.92		
15	16QAM	75	0	20.86	20.92	20.96		
15	64QAM	1	0	20.19	20.34	20.32		
15	64QAM	1	37	20.24	20.39	20.43	22	0.6
15	64QAM	1	74	20.31	20.37	20.31		
15	64QAM	36	0	19.23	19.41	19.36		
15	64QAM	36	20	19.24	19.39	19.29	21	1.6
15	64QAM	36	39	19.42	19.38	19.24		
15	64QAM	75	0	19.27	19.37	19.30		
15	256QAM	1	0	17.30	17.45	17.22		
15	256QAM	1	37	17.21	17.41	17.30	19	3.6
15	256QAM	1	74	17.25	17.36	17.27		
15	256QAM	36	0	17.29	17.44	17.38		
15	256QAM	36	20	17.29	17.39	17.27	19	3.6
15	256QAM	36	39	17.20	17.35	17.33		
15	256QAM	75	0	17.27	17.29	17.26		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.90	21.01	20.94	22.6	0
10	QPSK	1	25	20.82	20.84	20.88		
10	QPSK	1	49	20.77	20.87	20.91		
10	QPSK	25	0	20.82	20.97	20.82		
10	QPSK	25	12	20.84	20.96	20.95	22.6	0
10	QPSK	25	25	20.94	20.99	20.81		
10	QPSK	50	0	20.99	20.99	20.80		
10	16QAM	1	0	20.88	20.93	20.98		
10	16QAM	1	25	20.91	20.86	20.95	22.6	0
10	16QAM	1	49	20.87	20.91	20.90		
10	16QAM	25	0	20.84	21.04	20.90		
10	16QAM	25	12	20.87	20.96	20.97	22.6	0
10	16QAM	25	25	20.89	20.93	20.98		
10	16QAM	50	0	20.86	20.91	20.93		
10	64QAM	1	0	20.24	20.41	20.32		
10	64QAM	1	25	20.23	20.37	20.41	22	0.6
10	64QAM	1	49	20.31	20.39	20.30		
10	64QAM	25	0	19.15	19.35	19.35		
10	64QAM	25	12	19.18	19.37	19.23	21	1.6
10	64QAM	25	25	19.31	19.38	19.20		
10	64QAM	50	0	19.32	19.29	19.35		
10	256QAM	1	0	17.32	17.39	17.19		
10	256QAM	1	25	17.21	17.40	17.37	19	3.6
10	256QAM	1	49	17.26	17.35	17.24		
10	256QAM	25	0	17.28	17.38	17.35		
10	256QAM	25	12	17.21	17.43	17.35	19	3.6
10	256QAM	25	25	17.29	17.38	17.33		
10	256QAM	50	0	17.33	17.30	17.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.93	21.05	20.96	22.6	0
5	QPSK	1	12	20.87	20.88	20.94		
5	QPSK	1	24	20.72	20.89	20.90		
5	QPSK	12	0	20.86	20.98	20.77		
5	QPSK	12	7	20.86	20.95	20.89	22.6	0
5	QPSK	12	13	20.88	20.90	20.88		
5	QPSK	25	0	20.94	20.98	20.86		
5	16QAM	1	0	20.78	21.03	20.95		
5	16QAM	1	12	20.99	20.92	20.87	22.6	0
5	16QAM	1	24	20.82	20.91	20.91		
5	16QAM	12	0	20.80	21.05	20.85		
5	16QAM	12	7	20.84	20.91	20.88	22.6	0
5	16QAM	12	13	20.89	20.89	21.02		
5	16QAM	25	0	20.76	20.94	21.02		
5	64QAM	1	0	20.29	20.38	20.29		
5	64QAM	1	12	20.31	20.45	20.38	22	0.6
5	64QAM	1	24	20.33	20.44	20.28		
5	64QAM	12	0	19.20	19.39	19.34		
5	64QAM	12	7	19.18	19.37	19.25	21	1.6
5	64QAM	12	13	19.33	19.47	19.20		
5	64QAM	25	0	19.29	19.37	19.36		
5	256QAM	1	0	17.25	17.48	17.22		
5	256QAM	1	12	17.21	17.47	17.31	19	3.6
5	256QAM	1	24	17.21	17.37	17.28		
5	256QAM	12	0	17.32	17.36	17.37		
5	256QAM	12	7	17.25	17.41	17.28	19	3.6
5	256QAM	12	13	17.28	17.37	17.35		
5	256QAM	25	0	17.29	17.30	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.95	21.01	20.92	22.6	0
3	QPSK	1	8	20.83	20.87	20.90		
3	QPSK	1	14	20.73	20.88	20.93		
3	QPSK	8	0	20.76	20.95	20.79		
3	QPSK	8	4	20.82	20.95	21.00	22.6	0
3	QPSK	8	7	20.85	20.92	20.90		
3	QPSK	15	0	20.96	21.01	20.89		
3	16QAM	1	0	20.81	20.97	21.02		
3	16QAM	1	8	20.91	20.98	20.88	22.6	0
3	16QAM	1	14	20.81	21.02	20.85		
3	16QAM	8	0	20.90	20.99	20.86		
3	16QAM	8	4	20.85	20.92	20.93	22.6	0
3	16QAM	8	7	20.89	20.90	21.00		
3	16QAM	15	0	20.82	20.88	20.98		
3	64QAM	1	0	20.28	20.41	20.34		
3	64QAM	1	8	20.33	20.37	20.38	22	0.6
3	64QAM	1	14	20.28	20.35	20.29		
3	64QAM	8	0	19.19	19.44	19.33		
3	64QAM	8	4	19.21	19.45	19.27	21	1.6
3	64QAM	8	7	19.37	19.45	19.22		
3	64QAM	15	0	19.22	19.33	19.35		
3	256QAM	1	0	17.32	17.40	17.20		
3	256QAM	1	8	17.19	17.36	17.31	19	3.6
3	256QAM	1	14	17.23	17.41	17.29		
3	256QAM	8	0	17.31	17.37	17.40		
3	256QAM	8	4	17.26	17.35	17.38	19	3.6
3	256QAM	8	7	17.23	17.30	17.42		
3	256QAM	15	0	17.31	17.32	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.73	20.80	20.74	22.6	0
1.4	QPSK	1	3	20.81	20.84	20.87		
1.4	QPSK	1	5	20.79	20.79	20.80		
1.4	QPSK	3	0	20.81	20.84	20.77		
1.4	QPSK	3	1	20.85	20.89	20.89		
1.4	QPSK	3	3	20.85	20.91	20.75		
1.4	QPSK	6	0	20.75	20.84	20.76	22.6	0
1.4	16QAM	1	0	20.72	20.97	20.83	22.6	0
1.4	16QAM	1	3	20.80	20.95	20.86		
1.4	16QAM	1	5	20.72	20.92	20.76		
1.4	16QAM	3	0	20.72	20.90	20.72		
1.4	16QAM	3	1	20.71	20.93	20.76		
1.4	16QAM	3	3	20.82	20.74	20.80		
1.4	16QAM	6	0	20.82	20.83	20.80	22.6	0
1.4	64QAM	1	0	20.25	20.40	20.26	22	0.6
1.4	64QAM	1	3	20.20	20.24	20.26		
1.4	64QAM	1	5	20.34	20.25	20.24		
1.4	64QAM	3	0	20.27	20.37	20.25		
1.4	64QAM	3	1	20.40	20.38	20.42		
1.4	64QAM	3	3	20.35	20.28	20.27		
1.4	64QAM	6	0	19.29	19.38	19.38	21	1.6
1.4	256QAM	1	0	17.21	17.37	17.32	19	3.6
1.4	256QAM	1	3	17.22	17.36	17.33		
1.4	256QAM	1	5	17.24	17.31	17.30		
1.4	256QAM	3	0	17.27	17.34	17.24		
1.4	256QAM	3	1	17.32	17.37	17.37		
1.4	256QAM	3	3	17.19	17.39	17.30		
1.4	256QAM	6	0	17.32	17.31	17.21	19	3.6

Band 4 Ant 2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.62	21.93	21.59	23.2	0
20	QPSK	1	49	21.68	21.64	21.69		
20	QPSK	1	99	21.74	21.70	21.70		
20	QPSK	50	0	21.49	21.67	21.45		
20	QPSK	50	24	21.54	21.52	21.46	23	0.2
20	QPSK	50	50	21.48	21.52	21.39		
20	QPSK	100	0	21.47	21.52	21.46		
20	16QAM	1	0	21.57	21.56	21.36		
20	16QAM	1	49	21.47	21.49	21.29	23	0.2
20	16QAM	1	99	21.43	21.48	21.49		
20	16QAM	50	0	20.51	20.70	20.44		
20	16QAM	50	24	20.47	20.46	20.56	22	1.2
20	16QAM	50	50	20.45	20.44	20.45		
20	16QAM	100	0	20.44	20.48	20.49		
20	64QAM	1	0	20.54	20.59	20.33		
20	64QAM	1	49	20.53	20.56	20.40	22	1.2
20	64QAM	1	99	20.43	20.46	20.47		
20	64QAM	50	0	19.49	19.67	19.39		
20	64QAM	50	24	19.49	19.46	19.52	21	2.2
20	64QAM	50	50	19.51	19.55	19.52		
20	64QAM	100	0	19.46	19.44	19.43		
20	256QAM	1	0	17.44	17.69	17.42		
20	256QAM	1	49	17.42	17.45	17.47	19	4.2
20	256QAM	1	99	17.53	17.42	17.45		
20	256QAM	50	0	17.48	17.48	17.41		
20	256QAM	50	24	17.50	17.47	17.37	19	4.2
20	256QAM	50	50	17.52	17.48	17.34		
20	256QAM	100	0	17.38	17.52	17.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.47	21.83	21.46	23.2	0
15	QPSK	1	37	21.56	21.60	21.57		
15	QPSK	1	74	21.64	21.62	21.58		
15	QPSK	36	0	21.44	21.62	21.36		
15	QPSK	36	20	21.44	21.46	21.31	23	0.2
15	QPSK	36	39	21.35	21.39	21.26		
15	QPSK	75	0	21.40	21.41	21.42		
15	16QAM	1	0	21.45	21.52	21.26		
15	16QAM	1	37	21.43	21.36	21.18	23	0.2
15	16QAM	1	74	21.34	21.32	21.41		
15	16QAM	36	0	20.44	20.64	20.28		
15	16QAM	36	20	20.34	20.39	20.50	22	1.2
15	16QAM	36	39	20.40	20.34	20.34		
15	16QAM	75	0	20.37	20.38	20.33		
15	64QAM	1	0	20.47	20.53	20.17		
15	64QAM	1	37	20.42	20.44	20.35	22	1.2
15	64QAM	1	74	20.28	20.35	20.34		
15	64QAM	36	0	19.43	19.62	19.33		
15	64QAM	36	20	19.37	19.33	19.44	21	2.2
15	64QAM	36	39	19.40	19.46	19.47		
15	64QAM	75	0	19.32	19.29	19.31		
15	256QAM	1	0	17.33	17.61	17.32		
15	256QAM	1	37	17.36	17.38	17.42	19	4.2
15	256QAM	1	74	17.41	17.28	17.30		
15	256QAM	36	0	17.44	17.39	17.27		
15	256QAM	36	20	17.37	17.42	17.27	19	4.2
15	256QAM	36	39	17.44	17.34	17.26		
15	256QAM	75	0	17.31	17.42	17.28		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.48	21.81	21.54	23.2	0
10	QPSK	1	25	21.58	21.50	21.55		
10	QPSK	1	49	21.61	21.57	21.56		
10	QPSK	25	0	21.39	21.58	21.31	23	0.2
10	QPSK	25	12	21.41	21.41	21.38		
10	QPSK	25	25	21.43	21.38	21.33		
10	QPSK	50	0	21.42	21.46	21.33		
10	16QAM	1	0	21.42	21.42	21.31		
10	16QAM	1	25	21.38	21.45	21.18	23	0.2
10	16QAM	1	49	21.37	21.42	21.40		
10	16QAM	25	0	20.36	20.65	20.38		
10	16QAM	25	12	20.33	20.36	20.47	22	1.2
10	16QAM	25	25	20.39	20.29	20.40		
10	16QAM	50	0	20.33	20.38	20.37		
10	64QAM	1	0	20.49	20.55	20.19		
10	64QAM	1	25	20.43	20.46	20.32	22	1.2
10	64QAM	1	49	20.28	20.34	20.35		
10	64QAM	25	0	19.39	19.63	19.25		
10	64QAM	25	12	19.43	19.36	19.44	21	2.2
10	64QAM	25	25	19.43	19.48	19.38		
10	64QAM	50	0	19.31	19.38	19.34		
10	256QAM	1	0	17.35	17.63	17.37		
10	256QAM	1	25	17.31	17.38	17.33	19	4.2
10	256QAM	1	49	17.44	17.28	17.41		
10	256QAM	25	0	17.37	17.34	17.34		
10	256QAM	25	12	17.40	17.32	17.33	19	4.2
10	256QAM	25	25	17.38	17.41	17.22		
10	256QAM	50	0	17.24	17.45	17.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1751.5		
5	QPSK	1	0	21.56	21.88	21.51	23.2	0
5	QPSK	1	12	21.55	21.57	21.63		
5	QPSK	1	24	21.62	21.59	21.56		
5	QPSK	12	0	21.39	21.60	21.38		
5	QPSK	12	7	21.38	21.37	21.41	23	0.2
5	QPSK	12	13	21.35	21.41	21.32		
5	QPSK	25	0	21.42	21.45	21.31		
5	16QAM	1	0	21.51	21.46	21.26		
5	16QAM	1	12	21.41	21.44	21.21	23	0.2
5	16QAM	1	24	21.29	21.38	21.41		
5	16QAM	12	0	20.42	20.55	20.34		
5	16QAM	12	7	20.38	20.35	20.51	22	1.2
5	16QAM	12	13	20.32	20.32	20.41		
5	16QAM	25	0	20.36	20.37	20.44		
5	64QAM	1	0	20.48	20.53	20.27		
5	64QAM	1	12	20.42	20.42	20.36	22	1.2
5	64QAM	1	24	20.34	20.37	20.33		
5	64QAM	12	0	19.36	19.58	19.28		
5	64QAM	12	7	19.35	19.40	19.38	21	2.2
5	64QAM	12	13	19.42	19.49	19.38		
5	64QAM	25	0	19.33	19.37	19.36		
5	256QAM	1	0	17.31	17.60	17.26		
5	256QAM	1	12	17.36	17.34	17.36	19	4.2
5	256QAM	1	24	17.42	17.38	17.36		
5	256QAM	12	0	17.42	17.43	17.28		
5	256QAM	12	7	17.38	17.35	17.22	19	4.2
5	256QAM	12	13	17.42	17.33	17.27		
5	256QAM	25	0	17.32	17.38	17.29		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.56	21.89	21.50	23.2	0
3	QPSK	1	8	21.54	21.49	21.64		
3	QPSK	1	14	21.68	21.55	21.59		
3	QPSK	8	0	21.42	21.57	21.32		
3	QPSK	8	4	21.49	21.44	21.34	23	0.2
3	QPSK	8	7	21.38	21.38	21.25		
3	QPSK	15	0	21.40	21.39	21.31		
3	16QAM	1	0	21.51	21.51	21.21		
3	16QAM	1	8	21.34	21.42	21.15	23	0.2
3	16QAM	1	14	21.34	21.42	21.37		
3	16QAM	8	0	20.40	20.54	20.33		
3	16QAM	8	4	20.33	20.35	20.48	22	1.2
3	16QAM	8	7	20.30	20.29	20.37		
3	16QAM	15	0	20.33	20.42	20.38		
3	64QAM	1	0	20.48	20.44	20.17		
3	64QAM	1	8	20.43	20.46	20.33	22	1.2
3	64QAM	1	14	20.31	20.40	20.40		
3	64QAM	8	0	19.37	19.56	19.23		
3	64QAM	8	4	19.41	19.39	19.47	21	2.2
3	64QAM	8	7	19.47	19.46	19.39		
3	64QAM	15	0	19.38	19.36	19.33		
3	256QAM	1	0	17.30	17.59	17.33		
3	256QAM	1	8	17.27	17.31	17.42	19	4.2
3	256QAM	1	14	17.48	17.31	17.38		
3	256QAM	8	0	17.35	17.34	17.25		
3	256QAM	8	4	17.42	17.42	17.27	19	4.2
3	256QAM	8	7	17.44	17.38	17.18		
3	256QAM	15	0	17.26	17.41	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.53	21.86	21.61	23.2	0
1.4	QPSK	1	3	21.61	21.51	21.57		
1.4	QPSK	1	5	21.71	21.64	21.58		
1.4	QPSK	3	0	21.41	21.52	21.31		
1.4	QPSK	3	1	21.36	21.33	21.33		
1.4	QPSK	3	3	21.49	21.46	21.25		
1.4	QPSK	6	0	21.35	21.41	21.36	23.2	0
1.4	16QAM	1	0	21.52	21.48	21.27	23.2	0
1.4	16QAM	1	3	21.32	21.39	21.28		
1.4	16QAM	1	5	21.36	21.36	21.48		
1.4	16QAM	3	0	21.52	21.77	21.45		
1.4	16QAM	3	1	21.54	21.50	21.69		
1.4	16QAM	3	3	21.57	21.58	21.59		
1.4	16QAM	6	0	21.34	21.59	21.33	23.2	0
1.4	64QAM	1	0	21.06	21.31	21.08	22.6	0.6
1.4	64QAM	1	3	21.01	21.05	21.14		
1.4	64QAM	1	5	21.12	21.08	21.04		
1.4	64QAM	3	0	20.88	21.05	20.82		
1.4	64QAM	3	1	20.92	20.85	20.93		
1.4	64QAM	3	3	20.91	20.97	20.75		
1.4	64QAM	6	0	20.01	20.10	20.03	21.6	1.6
1.4	256QAM	1	0	18.05	18.25	18.15	19.6	3.6
1.4	256QAM	1	3	18.14	18.06	18.18		
1.4	256QAM	1	5	18.11	18.09	18.12		
1.4	256QAM	3	0	17.79	18.05	17.88		
1.4	256QAM	3	1	17.85	17.82	17.92		
1.4	256QAM	3	3	17.88	18.00	17.76		
1.4	256QAM	6	0	17.79	17.94	17.88	19.6	3.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.73	21.81	21.58	22.7	0
20	QPSK	1	49	21.67	21.79	21.64		
20	QPSK	1	99	21.74	21.77	21.61		
20	QPSK	50	0	21.72	21.79	21.66		
20	QPSK	50	24	21.75	21.73	21.65	22.7	0
20	QPSK	50	50	21.70	21.70	21.67		
20	QPSK	100	0	21.63	21.73	21.71		
20	16QAM	1	0	21.71	21.69	21.62		
20	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26540		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.16	21.31	21.20	22.6	0
20	QPSK	1	49	21.13	21.23	21.19		
20	QPSK	1	99	21.13	21.20	21.20		
20	QPSK	50	0	21.14	21.28	21.17	22.6	0
20	QPSK	50	24	21.20	21.20	21.25		
20	QPSK	50	50	21.18	21.27	21.21		
20	QPSK	100	0	21.20	21.21	21.16		
20	16QAM	1	0	21.14	21.29	21.24	22.6	0
20	16QAM	1	49	21.22	21.28	21.25		
20	16QAM	1	99	21.14	21.28	21.17		
20	16QAM	50	0	21.14	21.29	21.17	22.6	0
20	16QAM	50	24	21.15	21.24	21.22		
20	16QAM	50	50	21.19	21.18	21.23		
20	16QAM	100	0	21.15	21.19	21.26		
20	64QAM	1	0	20.56	20.71	20.64	22	0.6
20	64QAM	1	49	20.60	20.70	20.65		
20	64QAM	1	99	20.57	20.68	20.61		
20	64QAM	50	0	19.50	19.75	19.60	21	1.6
20	64QAM	50	24	19.50	19.68	19.61		
20	64QAM	50	50	19.62	19.69	19.56		
20	64QAM	100	0	19.51	19.69	19.65		
20	256QAM	1	0	17.58	17.72	17.58	19	3.6
20	256QAM	1	49	17.52	17.68	17.57		
20	256QAM	1	99	17.58	17.68	17.57		
20	256QAM	50	0	17.52	17.75	17.60	19	3.6
20	256QAM	50	24	17.51	17.74	17.60		
20	256QAM	50	50	17.57	17.66	17.63		
20	256QAM	100	0	17.59	17.66	17.62		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.07	21.16	21.09	22.6	0
15	QPSK	1	37	21.00	21.08	21.11		
15	QPSK	1	74	21.01	21.11	21.11		
15	QPSK	36	0	21.01	21.09	21.06	22.6	0
15	QPSK	36	20	21.12	21.21	21.19		
15	QPSK	36	39	21.07	21.18	21.05		
15	QPSK	75	0	21.05	21.15	21.09		
15	16QAM	1	0	21.00	21.16	21.08	22.6	0
15	16QAM	1	37	21.17	21.17	21.17		
15	16QAM	1	74	21.07	21.14	21.11		
15	16QAM	36	0	21.04	21.15	21.09	22.6	0
15	16QAM	36	20	20.99	21.09	21.18		
15	16QAM	36	39	21.06	21.03	21.18		
15	16QAM	75	0	21.09	21.08	21.16		
15	64QAM	1	0	20.44	20.56	20.55	22	0.6
15	64QAM	1	37	20.47	20.66	20.60		
15	64QAM	1	74	20.47	20.59	20.47		
15	64QAM	36	0	19.45	19.68	19.46	21	1.6
15	64QAM	36	20	19.34	19.61	19.50		
15	64QAM	36	39	19.49	19.62	19.51		
15	64QAM	75	0	19.46	19.62	19.57		
15	256QAM	1	0	17.54	17.62	17.53	19	3.6
15	256QAM	1	37	17.36	17.64	17.47		
15	256QAM	1	74	17.50	17.55	17.44		
15	256QAM	36	0	17.41	17.70	17.54	19	3.6
15	256QAM	36	20	17.45	17.61	17.47		
15	256QAM	36	39	17.50	17.59	17.57		
15	256QAM	75	0	17.44	17.52	17.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.08	21.17	21.11	22.6	0
10	QPSK	1	25	21.05	21.14	21.09		
10	QPSK	1	49	20.99	21.15	21.04		
10	QPSK	25	0	21.00	21.10	21.05	22.6	0
10	QPSK	25	12	21.05	21.17	21.20		
10	QPSK	25	25	21.03	21.11	21.11		
10	QPSK	50	0	21.15	21.07	21.06		
10	16QAM	1	0	21.10	21.13	21.08	22.6	0
10	16QAM	1	25	21.06	21.21	21.17		
10	16QAM	1	49	21.10	21.18	21.03		
10	16QAM	25	0	21.02	21.22	21.11	22.6	0
10	16QAM	25	12	20.99	21.15	21.07		
10	16QAM	25	25	21.09	21.06	21.09		
10	16QAM	50	0	21.08	21.14	21.10		
10	64QAM	1	0	20.42	20.56	20.49	22	0.6
10	64QAM	1	25	20.49	20.57	20.53		
10	64QAM	1	49	20.43	20.64	20.56		
10	64QAM	25	0	19.36	19.64	19.53	21	1.6
10	64QAM	25	12	19.37	19.58	19.54		
10	64QAM	25	25	19.54	19.56	19.41		
10	64QAM	50	0	19.45	19.54	19.56		
10	256QAM	1	0	17.42	17.65	17.54	19	3.6
10	256QAM	1	25	17.41	17.64	17.45		
10	256QAM	1	49	17.46	17.64	17.49		
10	256QAM	25	0	17.42	17.65	17.45	19	3.6
10	256QAM	25	12	17.39	17.65	17.52		
10	256QAM	25	25	17.53	17.54	17.54		
10	256QAM	50	0	17.45	17.50	17.52		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.03	21.19	21.04	22.6	0
5	QPSK	1	12	21.06	21.07	21.11		
5	QPSK	1	24	21.05	21.11	21.14		
5	QPSK	12	0	21.02	21.19	21.08	22.6	0
5	QPSK	12	7	21.10	21.23	21.20		
5	QPSK	12	13	21.06	21.18	21.06		
5	QPSK	25	0	21.14	21.11	21.12		
5	16QAM	1	0	21.04	21.23	21.14	22.6	0
5	16QAM	1	12	21.13	21.20	21.10		
5	16QAM	1	24	21.00	21.14	21.08		
5	16QAM	12	0	20.98	21.18	21.10	22.6	0
5	16QAM	12	7	21.06	21.13	21.07		
5	16QAM	12	13	21.07	21.05	21.08		
5	16QAM	25	0	21.08	21.11	21.16		
5	64QAM	1	0	20.50	20.65	20.50	22	0.6
5	64QAM	1	12	20.47	20.58	20.52		
5	64QAM	1	24	20.47	20.60	20.48		
5	64QAM	12	0	19.42	19.69	19.52	21	1.6
5	64QAM	12	7	19.38	19.57	19.47		
5	64QAM	12	13	19.47	19.61	19.50		
5	64QAM	25	0	19.39	19.64	19.59		
5	256QAM	1	0	17.52	17.68	17.45	19	3.6
5	256QAM	1	12	17.37	17.61	17.48		
5	256QAM	1	24	17.51	17.57	17.51		
5	256QAM	12	0	17.37	17.66	17.47	19	3.6
5	256QAM	12	7	17.37	17.68	17.54		
5	256QAM	12	13	17.51	17.62	17.49		
5	256QAM	25	0	17.51	17.59	17.48		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.10	21.19	21.10	22.6	0
3	QPSK	1	8	20.98	21.08	21.15		
3	QPSK	1	14	20.97	21.16	21.12		
3	QPSK	8	0	21.06	21.12	21.03	22.6	0
3	QPSK	8	4	21.09	21.23	21.12		
3	QPSK	8	7	21.11	21.13	21.06		
3	QPSK	15	0	21.07	21.14	21.01		
3	16QAM	1	0	21.06	21.19	21.08	22.6	0
3	16QAM	1	8	21.17	21.19	21.18		
3	16QAM	1	14	21.08	21.22	21.06		
3	16QAM	8	0	21.02	21.22	21.01	22.6	0
3	16QAM	8	4	21.10	21.18	21.12		
3	16QAM	8	7	21.05	21.05	21.13		
3	16QAM	15	0	21.02	21.10	21.22		
3	64QAM	1	0	20.48	20.66	20.54	22	0.6
3	64QAM	1	8	20.51	20.61	20.49		
3	64QAM	1	14	20.49	20.54	20.49		
3	64QAM	8	0	19.45	19.61	19.48	21	1.6
3	64QAM	8	4	19.37	19.57	19.55		
3	64QAM	8	7	19.46	19.55	19.45		
3	64QAM	15	0	19.44	19.58	19.57		
3	256QAM	1	0	17.43	17.65	17.48	19	3.6
3	256QAM	1	8	17.46	17.52	17.43		
3	256QAM	1	14	17.53	17.59	17.51		
3	256QAM	8	0	17.39	17.59	17.55	19	3.6
3	256QAM	8	4	17.35	17.61	17.49		
3	256QAM	8	7	17.52	17.50	17.52		
3	256QAM	15	0	17.49	17.54	17.53		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.03	21.16	21.06	22.6	0
1.4	QPSK	1	3	21.06	21.17	21.14		
1.4	QPSK	1	5	21.09	21.08	21.14		
1.4	QPSK	3	0	21.07	21.18	21.03		
1.4	QPSK	3	1	21.14	21.20	21.17		
1.4	QPSK	3	3	21.13	21.20	21.06		
1.4	QPSK	6	0	21.04	21.10	21.00	22.6	0
1.4	16QAM	1	0	21.07	21.24	21.11	22.6	0
1.4	16QAM	1	3	21.14	21.23	21.14		
1.4	16QAM	1	5	21.00	21.22	21.05		
1.4	16QAM	3	0	21.08	21.18	21.05		
1.4	16QAM	3	1	21.05	21.19	21.07		
1.4	16QAM	3	3	21.12	21.03	21.08		
1.4	16QAM	6	0	21.09	21.11	21.12	22.6	0
1.4	64QAM	1	0	20.52	20.69	20.62	22	0.6
1.4	64QAM	1	3	20.55	20.59	20.55		
1.4	64QAM	1	5	20.58	20.55	20.57		
1.4	64QAM	3	0	20.58	20.69	20.61		
1.4	64QAM	3	1	20.66	20.68	20.68		
1.4	64QAM	3	3	20.60	20.63	20.56		
1.4	64QAM	6	0	19.56	19.70	19.65	21	1.6
1.4	256QAM	1	0	17.54	17.72	17.66	19	3.6
1.4	256QAM	1	3	17.53	17.62	17.65		
1.4	256QAM	1	5	17.59	17.57	17.59		
1.4	256QAM	3	0	17.54	17.62	17.57		
1.4	256QAM	3	1	17.63	17.68	17.64		
1.4	256QAM	3	3	17.55	17.66	17.62		
1.4	256QAM	6	0	17.65	17.57	17.51	19	3.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.03		22.2	0
10	QPSK	1	25		20.95			
10	QPSK	1	49		20.99			
10	QPSK	25	0		20.99		22.2	0
10	QPSK	25	12		20.98			
10	QPSK	25	25		20.98			
10	QPSK	50	0		20.99			
10	16QAM	1	0		21.01		22.2	0
10	16QAM	1	25		20.99			
10	16QAM	1	49		21.02			
10	16QAM	25	0		20.83		22	0.2
10	16QAM	25	12		20.77			
10	16QAM	25	25		20.84			
10	16QAM	50	0		20.65			
10	64QAM	1	0		20.74		22	0.2
10	64QAM	1	25		20.75			
10	64QAM	1	49		20.76			
10	64QAM	25	0		19.81		21	1.2
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.75			
10	256QAM	1	0		17.83		19	3.2
10	256QAM	1	25		17.77			
10	256QAM	1	49		17.83			
10	256QAM	25	0		17.66		19	3.2
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.84			
10	256QAM	50	0		17.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.90	20.97	20.87	22.2	0
5	QPSK	1	12	20.80	20.87	20.91		
5	QPSK	1	24	20.90	20.83	20.94		
5	QPSK	12	0	20.92	20.90	20.84	22.2	0
5	QPSK	12	7	20.84	20.93	20.92		
5	QPSK	12	13	20.85	20.91	20.83		
5	QPSK	25	0	20.94	20.95	20.89		
5	16QAM	1	0	20.96	20.87	20.92	22.2	0
5	16QAM	1	12	20.91	20.90	20.92		
5	16QAM	1	24	20.93	20.86	20.98		
5	16QAM	12	0	20.72	20.77	20.71	22	0.2
5	16QAM	12	7	20.70	20.67	20.73		
5	16QAM	12	13	20.69	20.75	20.77		
5	16QAM	25	0	20.55	20.51	20.51		
5	64QAM	1	0	20.65	20.62	20.69	22	0.2
5	64QAM	1	12	20.69	20.63	20.63		
5	64QAM	1	24	20.60	20.60	20.60		
5	64QAM	12	0	19.68	19.72	19.71	21	1.2
5	64QAM	12	7	19.61	19.57	19.66		
5	64QAM	12	13	19.71	19.69	19.75		
5	64QAM	25	0	19.59	19.70	19.67		
5	256QAM	1	0	17.67	17.68	17.76	19	3.2
5	256QAM	1	12	17.69	17.65	17.72		
5	256QAM	1	24	17.71	17.76	17.71		
5	256QAM	12	0	17.59	17.55	17.54	19	3.2
5	256QAM	12	7	17.69	17.72	17.73		
5	256QAM	12	13	17.73	17.76	17.74		
5	256QAM	25	0	17.75	17.72	17.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.75	21.97	21.75	23.2	0
20	QPSK	1	49	21.77	21.75	21.80		
20	QPSK	1	99	21.82	21.82	21.76		
20	QPSK	50	0	21.58	21.75	21.53	23	0.2
20	QPSK	50	24	21.61	21.58	21.58		
20	QPSK	50	50	21.60	21.67	21.50		
20	QPSK	100	0	21.59	21.60	21.55		
20	16QAM	1	0	21.68	21.67	21.48	23	0.2
20	16QAM	1	49	21.59	21.58	21.45		
20	16QAM	1	99	21.58	21.53	21.62		
20	16QAM	50	0	20.55	20.76	20.53	22	1.2
20	16QAM	50	24	20.60	20.50	20.64		
20	16QAM	50	50	20.56	20.59	20.54		
20	16QAM	100	0	20.56	20.62	20.60		
20	64QAM	1	0	20.69	20.67	20.46	22	1.2
20	64QAM	1	49	20.61	20.63	20.46		
20	64QAM	1	99	20.55	20.52	20.61		
20	64QAM	50	0	19.56	19.77	19.51	21	2.2
20	64QAM	50	24	19.58	19.52	19.59		
20	64QAM	50	50	19.59	19.62	19.59		
20	64QAM	100	0	19.58	19.58	19.53		
20	256QAM	1	0	17.54	17.76	17.52	19	4.2
20	256QAM	1	49	17.55	17.52	17.56		
20	256QAM	1	99	17.62	17.57	17.58		
20	256QAM	50	0	17.56	17.52	17.54	19	4.2
20	256QAM	50	24	17.60	17.60	17.45		
20	256QAM	50	50	17.56	17.61	17.45		
20	256QAM	100	0	17.53	17.61	17.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.59	21.88	21.62	23.2	0
15	QPSK	1	37	21.67	21.60	21.75		
15	QPSK	1	74	21.75	21.69	21.63		
15	QPSK	36	0	21.45	21.68	21.43	23	0.2
15	QPSK	36	20	21.57	21.43	21.46		
15	QPSK	36	39	21.51	21.59	21.46		
15	QPSK	75	0	21.44	21.47	21.51		
15	16QAM	1	0	21.58	21.54	21.43	23	0.2
15	16QAM	1	37	21.52	21.48	21.35		
15	16QAM	1	74	21.53	21.41	21.49		
15	16QAM	36	0	20.40	20.61	20.49	22	1.2
15	16QAM	36	20	20.56	20.38	20.60		
15	16QAM	36	39	20.47	20.50	20.47		
15	16QAM	75	0	20.45	20.50	20.46		
15	64QAM	1	0	20.56	20.55	20.39	22	1.2
15	64QAM	1	37	20.51	20.59	20.32		
15	64QAM	1	74	20.49	20.39	20.56		
15	64QAM	36	0	19.46	19.61	19.42	21	2.2
15	64QAM	36	20	19.47	19.43	19.53		
15	64QAM	36	39	19.50	19.53	19.52		
15	64QAM	75	0	19.54	19.46	19.47		
15	256QAM	1	0	17.47	17.68	17.37	19	4.2
15	256QAM	1	37	17.47	17.41	17.42		
15	256QAM	1	74	17.52	17.48	17.43		
15	256QAM	36	0	17.43	17.40	17.48	19	4.2
15	256QAM	36	20	17.46	17.47	17.37		
15	256QAM	36	39	17.41	17.47	17.37		
15	256QAM	75	0	17.49	17.57	17.37		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.71	21.84	21.59	23.2	0
10	QPSK	1	25	21.70	21.68	21.72		
10	QPSK	1	49	21.72	21.78	21.69		
10	QPSK	25	0	21.49	21.64	21.44	23	0.2
10	QPSK	25	12	21.49	21.51	21.43		
10	QPSK	25	25	21.47	21.61	21.40		
10	QPSK	50	0	21.46	21.45	21.45		
10	16QAM	1	0	21.63	21.55	21.43	23	0.2
10	16QAM	1	25	21.48	21.45	21.36		
10	16QAM	1	49	21.46	21.39	21.57		
10	16QAM	25	0	20.50	20.71	20.48	22	1.2
10	16QAM	25	12	20.48	20.41	20.55		
10	16QAM	25	25	20.52	20.44	20.48		
10	16QAM	50	0	20.48	20.49	20.54		
10	64QAM	1	0	20.54	20.59	20.42	22	1.2
10	64QAM	1	25	20.45	20.58	20.38		
10	64QAM	1	49	20.46	20.44	20.57		
10	64QAM	25	0	19.43	19.71	19.46	21	2.2
10	64QAM	25	12	19.43	19.43	19.43		
10	64QAM	25	25	19.50	19.50	19.52		
10	64QAM	50	0	19.43	19.54	19.40		
10	256QAM	1	0	17.46	17.65	17.36	19	4.2
10	256QAM	1	25	17.40	17.43	17.44		
10	256QAM	1	49	17.55	17.45	17.48		
10	256QAM	25	0	17.47	17.46	17.45	19	4.2
10	256QAM	25	12	17.49	17.44	17.31		
10	256QAM	25	25	17.45	17.55	17.37		
10	256QAM	50	0	17.49	17.48	17.43		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.61	21.85	21.66	23.2	0
5	QPSK	1	12	21.71	21.70	21.64		
5	QPSK	1	24	21.67	21.76	21.61		
5	QPSK	12	0	21.44	21.62	21.42	23	0.2
5	QPSK	12	7	21.50	21.45	21.50		
5	QPSK	12	13	21.54	21.52	21.41		
5	QPSK	25	0	21.48	21.46	21.41		
5	16QAM	1	0	21.53	21.60	21.37	23	0.2
5	16QAM	1	12	21.44	21.53	21.39		
5	16QAM	1	24	21.43	21.43	21.57		
5	16QAM	12	0	20.48	20.62	20.41	22	1.2
5	16QAM	12	7	20.53	20.34	20.50		
5	16QAM	12	13	20.44	20.53	20.46		
5	16QAM	25	0	20.50	20.58	20.47		
5	64QAM	1	0	20.62	20.55	20.39	22	1.2
5	64QAM	1	12	20.50	20.51	20.42		
5	64QAM	1	24	20.50	20.43	20.53		
5	64QAM	12	0	19.43	19.67	19.42	21	2.2
5	64QAM	12	7	19.53	19.37	19.44		
5	64QAM	12	13	19.55	19.50	19.50		
5	64QAM	25	0	19.49	19.48	19.45		
5	256QAM	1	0	17.41	17.72	17.37	19	4.2
5	256QAM	1	12	17.43	17.37	17.48		
5	256QAM	1	24	17.51	17.49	17.46		
5	256QAM	12	0	17.42	17.40	17.49	19	4.2
5	256QAM	12	7	17.51	17.46	17.33		
5	256QAM	12	13	17.48	17.56	17.35		
5	256QAM	25	0	17.40	17.46	17.42		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.69	21.89	21.66	23.2	0
3	QPSK	1	8	21.71	21.62	21.72		
3	QPSK	1	14	21.74	21.70	21.68		
3	QPSK	8	0	21.43	21.67	21.43	23	0.2
3	QPSK	8	4	21.48	21.52	21.48		
3	QPSK	8	7	21.45	21.53	21.35		
3	QPSK	15	0	21.48	21.45	21.42		
3	16QAM	1	0	21.55	21.56	21.37	23	0.2
3	16QAM	1	8	21.53	21.54	21.36		
3	16QAM	1	14	21.42	21.46	21.54		
3	16QAM	8	0	20.42	20.65	20.42	22	1.2
3	16QAM	8	4	20.47	20.44	20.53		
3	16QAM	8	7	20.50	20.54	20.43		
3	16QAM	15	0	20.50	20.48	20.51		
3	64QAM	1	0	20.61	20.60	20.36	22	1.2
3	64QAM	1	8	20.54	20.47	20.38		
3	64QAM	1	14	20.40	20.40	20.55

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.82	22.93	22.66	24.1	0
20	QPSK	1	49	22.80	22.77	22.62		
20	QPSK	1	99	22.67	22.82	22.73		
20	QPSK	50	0	22.74	22.76	22.66	24	0.1
20	QPSK	50	24	22.68	22.75	22.56		
20	QPSK	50	50	22.67	22.71	22.58		
20	QPSK	100	0	22.43	22.71	22.65		
20	16QAM	1	0	22.65	22.60	22.60	24	0.1
20	16QAM	1	49	22.54	22.73	22.57		
20	16QAM	1	99	22.66	22.75	22.68		
20	16QAM	50	0	21.61	21.75	21.71	23	1.1
20	16QAM	50	24	21.66	21.63	21.52		
20	16QAM	50	50	21.62	21.77	21.52		
20	16QAM	100	0	21.68	21.62	21.59		
20	64QAM	1	0	21.64	21.64	21.60	23	1.1
20	64QAM	1	49	21.63	21.68	21.56		
20	64QAM	1	99	21.52	21.65	21.58		
20	64QAM	50	0	20.61	20.71	20.60	22	2.1
20	64QAM	50	24	20.74	20.71	20.55		
20	64QAM	50	50	20.56	20.74	20.62		
20	64QAM	100	0	20.69	20.62	20.61		
20	256QAM	1	0	18.70	18.65	18.57	20	4.1
20	256QAM	1	49	18.67	18.72	18.52		
20	256QAM	1	99	18.60	18.69	18.62		
20	256QAM	50	0	18.79	18.54	18.64	20	4.1
20	256QAM	50	24	18.59	18.76	18.67		
20	256QAM	50	50	18.62	18.81	18.61		
20	256QAM	100	0	18.59	18.85	18.64		
Channel				37525	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.74	22.81	22.77	24.1	0
15	QPSK	1	37	22.77	22.85	22.68		
15	QPSK	1	74	22.70	22.77	22.67		
15	QPSK	36	0	22.75	22.71	22.64	24	0.1
15	QPSK	36	20	22.68	22.73	22.50		
15	QPSK	36	39	22.66	22.76	22.51		
15	QPSK	75	0	22.40	22.74	22.67		
15	16QAM	1	0	22.64	22.60	22.58	24	0.1
15	16QAM	1	37	22.60	22.74	22.60		
15	16QAM	1	74	22.65	22.75	22.73		
15	16QAM	36	0	21.64	21.72	21.67	23	1.1
15	16QAM	36	20	21.69	21.65	21.54		
15	16QAM	36	39	21.56	21.69	21.56		
15	16QAM	75	0	21.71	21.64	21.64		
15	64QAM	1	0	21.66	21.63	21.59	23	1.1
15	64QAM	1	37	21.55	21.65	21.54		
15	64QAM	1	74	21.54	21.69	21.64		
15	64QAM	36	0	20.65	20.65	20.55	22	2.1
15	64QAM	36	20	20.74	20.67	20.57		
15	64QAM	36	39	20.61	20.74	20.55		
15	64QAM	75	0	20.68	20.65	20.53		
15	256QAM	1	0	18.70	18.64	18.59	20	4.1
15	256QAM	1	37	18.66	18.73	18.58		
15	256QAM	1	74	18.58	18.72	18.62		
15	256QAM	36	0	18.76	18.60	18.65	20	4.1
15	256QAM	36	20	18.66	18.70	18.67		
15	256QAM	36	39	18.58	18.75	18.70		
15	256QAM	75	0	18.61	18.73	18.66		
Channel				37500	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.78	22.89	22.71	24.1	0
10	QPSK	1	25	22.79	22.77	22.69		
10	QPSK	1	49	22.65	22.84	22.72		
10	QPSK	25	0	22.71	22.80	22.63	24	0.1
10	QPSK	25	12	22.63	22.70	22.54		
10	QPSK	25	25	22.65	22.70	22.54		
10	QPSK	50	0	22.39	22.72	22.69		
10	16QAM	1	0	22.66	22.66	22.58	24	0.1
10	16QAM	1	25	22.59	22.66	22.58		
10	16QAM	1	49	22.61	22.72	22.70		
10	16QAM	25	0	21.63	21.73	21.64	23	1.1
10	16QAM	25	12	21.67	21.71	21.47		
10	16QAM	25	25	21.56	21.69	21.60		
10	16QAM	50	0	21.74	21.70	21.59		
10	64QAM	1	0	21.60	21.71	21.61	23	1.1
10	64QAM	1	25	21.57	21.69	21.59		
10	64QAM	1	49	21.52	21.68	21.57		
10	64QAM	25	0	20.60	20.66	20.54	22	2.1
10	64QAM	25	12	20.68	20.67	20.58		
10	64QAM	25	25	20.58	20.68	20.62		
10	64QAM	50	0	20.75	20.56	20.55		
10	256QAM	1	0	18.64	18.70	18.62	20	4.1
10	256QAM	1	25	18.74	18.70	18.54		
10	256QAM	1	49	18.61	18.67	18.59		
10	256QAM	25	0	18.78	18.55	18.65	20	4.1
10	256QAM	25	12	18.64	18.70	18.63		
10	256QAM	25	25	18.63	18.75	18.61		
10	256QAM	50	0	18.57	18.77	18.64		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	22.80	22.84	22.68	24.1	0
5	QPSK	1	12	22.84	22.80	22.72		
5	QPSK	1	24	22.75	22.83	22.64		
5	QPSK	12	0	22.75	22.77	22.61	24	0.1
5	QPSK	12	7	22.70	22.72	22.55		
5	QPSK	12	13	22.65	22.74	22.59		
5	QPSK	25	0	22.36	22.69	22.66		
5	16QAM	1	0	22.59	22.60	22.55	24	0.1
5	16QAM	1	12	22.63	22.72	22.63		
5	16QAM	1	24	22.58	22.72	22.70		
5	16QAM	12	0	21.63	21.74	21.66	23	1.1
5	16QAM	12	7	21.66	21.64	21.51		
5	16QAM	12	13	21.53	21.77	21.50		
5	16QAM	25	0	21.63	21.66	21.54		
5	64QAM	1	0	21.68	21.71	21.63	23	1.1
5	64QAM	1	12	21.64	21.69	21.58		
5	64QAM	1	24	21.49	21.76	21.62		
5	64QAM	12	0	20.64	20.68	20.57	22	2.1
5	64QAM	12	7	20.77	20.69	20.60		
5	64QAM	12	13	20.61	20.74	20.60		
5	64QAM	25	0	20.77	20.61	20.60		
5	256QAM	1	0	18.64	18.60	18.55	20	4.1
5	256QAM	1	12	18.76	18.72	18.52		
5	256QAM	1	24	18.59	18.69	18.57		
5	256QAM	12	0	18.70	18.59	18.61	20	4.1
5	256QAM	12	7	18.56	18.68	18.60		
5	256QAM	12	13	18.55	18.73	18.67		
5	256QAM	25	0	18.59	18.79	18.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.97	23.05	22.92	22.91	24.1	0
20	QPSK	1	49	22.89	23.00	23.01	22.86	22.84		
20	QPSK	1	99	22.90	22.90	23.02	22.87	22.86		
20	QPSK	50	0	22.80	22.90	22.95	22.85	22.78	24	0.1
20	QPSK	50	24	22.82	22.85	22.94	22.71	22.76		
20	QPSK	50	50	22.79	22.85	22.91	22.74	22.81		
20	QPSK	100	0	22.78	22.60	22.90	22.85	22.72		
20	16QAM	1	0	22.77	22.82	22.82	22.80	22.75	24	0.1
20	16QAM	1	49	22.74	22.79	22.89	22.80	22.68		
20	16QAM	1	99	22.74	22.83	22.98	22.87	22.69		
20	16QAM	50	0	21.83	21.83	21.89	21.86	21.81	23	1.1
20	16QAM	50	24	21.82	21.87	21.88	21.73	21.73		
20	16QAM	50	50	21.75	21.78	21.92	21.74	21.77		
20	16QAM	100	0	21.85	21.88	21.86	21.78	21.75		
20	64QAM	1	0	21.82	21.84	21.87	21.78	21.84	23	1.1
20	64QAM	1	49	21.82	21.81	21.91	21.79	21.69		
20	64QAM	1	99	21.79	21.75	21.91	21.82	21.66		
20	64QAM	50	0	20.78	20.86	20.87	20.78	20.75	22	2.1
20	64QAM	50	24	20.78	20.92	20.90	20.80	20.78		
20	64QAM	50	50	20.81	20.82	20.92	20.80	20.74		
20	64QAM	100	0	20.90	20.94	20.80	20.76	20.78		
20	256QAM	1	0	18.76	18.88	18.85	18.79	18.78	20	4.1
20	256QAM	1	49	18.73	18.91	18.91	18.74	18.78		
20	256QAM	1	99	18.75	18.81	18.92	18.79	18.80		
20	256QAM	50	0	18.78	18.96	18.80	18.81	18.76	20	4.1
20	256QAM	50	24	18.81	18.82	18.91	18.85	18.79		
20	256QAM	50	50	18.70	18.79	18.97	18.85	18.75		
20	256QAM	100	0	18.75	18.77	18.99	18.84	18.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.84	22.92	22.86	22.78	24	0
15	QPSK	1	37	22.84	22.89	22.90	22.72	22.73		
15	QPSK	1	74	22.82	22.77	22.86	22.78	22.74		
15	QPSK	36	0	22.72	22.80	22.88	22.78	22.69	24	0.1
15	QPSK	36	20	22.70	22.75	22.84	22.60	22.72		
15	QPSK	36	39	22.65	22.71	22.82	22.61	22.65		
15	QPSK	75	0	22.67	22.55	22.79	22.72	22.57		
15	16QAM	1	0	22.67	22.75	22.72	22.70	22.70	24	0.1
15	16QAM	1	37	22.66	22.63	22.83	22.73	22.54		
15	16QAM	1	74	22.66	22.67	22.87	22.82	22.56		
15	16QAM	36	0	21.73	21.69	21.79	21.76	21.75	23	1.1
15	16QAM	36	20	21.73	21.75	21.74	21.67	21.60		
15	16QAM	36	39	21.61	21.71	21.76	21.61	21.71		
15	16QAM	75	0	21.69	21.76	21.75	21.62	21.67		
15	64QAM	1	0	21.70	21.75	21.75	21.73	21.77	23	1.1
15	64QAM	1	37	21.76	21.73	21.84	21.66	21.56		
15	64QAM	1	74	21.75	21.71	21.75	21.72	21.62		
15	64QAM	36	0	20.66	20.76	20.76	20.65	20.65	22	2.1
15	64QAM	36	20	20.66	20.78	20.74	20.69	20.64		
15	64QAM	36	39	20.66	20.70	20.82	20.70	20.60		
15	64QAM	75	0	20.78	20.79	20.71	20.64	20.69		
15	256QAM	1	0	18.64	18.75	18.74	18.63	18.71	20	4.1
15	256QAM	1	37	18.61	18.82	18.79	18.65	18.72		
15	256QAM	1	74	18.70	18.70	18.79	18.75	18.68		
15	256QAM	36	0	18.65	18.82	18.67	18.65	18.62	20	4.1
15	256QAM	36	20	18.71	18.72	18.83	18.75	18.67		
15	256QAM	36	39	18.57	18.67	18.82	18.74	18.60		
15	256QAM	75	0	18.60	18.70	18.86	18.77	18.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.85	22.87	22.77	22.82	24	0
10	QPSK	1	25	22.80	22.88	22.89	22.74	22.73		
10	QPSK	1	49	22.77	22.86	22.90	22.82	22.76		
10	QPSK	25	0	22.68	22.82	22.80	22.76	22.67	24	0.1
10	QPSK	25	12	22.75	22.76	22.82	22.66	22.69		
10	QPSK	25	25	22.65	22.81	22.78	22.59	22.73		
10	QPSK	50	0	22.67	22.52	22.78	22.73	22.61		
10	16QAM	1	0	22.62	22.72	22.77	22.73	22.62	24	0.1
10	16QAM	1	25	22.67	22.72	22.84	22.67	22.61		
10	16QAM	1	49	22.63	22.78	22.90	22.75	22.58		
10	16QAM	25	0	21.69	21.78	21.82	21.72	21.69	23	1.1
10	16QAM	25	12	21.68	21.76	21.72	21.60	21.69		
10	16QAM	25	25	21.65	21.70	21.88	21.66	21.67		
10	16QAM	50	0	21.76	21.75	21.79	21.71	21.65		
10	64QAM	1	0	21.76	21.77	21.77	21.64	21.75	23	1.1
10	64QAM	1	25	21.69	21.65	21.84	21.65	21.63		
10	64QAM	1	49	21.75	21.62	21.83	21.66	21.55		
10	64QAM	25	0	20.62	20.78	20.74	20.73	20.65	22	2.1
10	64QAM	25	12	20.65	20.82	20.82	20.73	20.73		
10	64QAM	25	25	20.69	20.71	20.87	20.73	20.69		
10	64QAM	50	0	20.75	20.87	20.70	20.70	20.69		
10	256QAM	1	0	18.65	18.83	18.79	18.70	18.66	20	4.1
10	256QAM	1	25	18.57	18.76	18.81	18.68	18.62		
10	256QAM	1	49	18.62	18.75	18.78	18.72	18.72		
10	256QAM	25	0	18.70	18.90	18.65	18.75	18.67	20	4.1
10	256QAM	25	12	18.72	18.76	18.78	18.81	18.63		
10	256QAM	25	25	18.66	18.64	18.87	18.69	18.67		
10	256QAM	50	0	18.67	18.66	18.83	18.73	18.57		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.85	22.82	22.85	22.79	22.79	24	0
5	QPSK	1	12	22.81	22.87	22.85	22.70	22.78		
5	QPSK	1	24	22.83	22.76	22.95	22.79	22.77		
5	QPSK	12	0	22.73	22.85	22.79	22.70	22.65	24	0.1
5	QPSK	12	7	22.68	22.70	22.78	22.63	22.67		
5	QPSK	12	13	22.70	22.76	22.76	22.58	22.66		
5	QPSK	25	0	22.68	22.50	22.84	22.77	22.62		
5	16QAM	1	0	22.65	22.72	22.68	22.73	22.62	24	0.1
5	16QAM	1	12	22.64	22.66	22.76	22.67	22.54		
5	16QAM	1	24	22.66	22.75	22.76	22.85	22.65		
5	16QAM	12	0	21.68	21.78	21.82	21.77	21.68	23	1.1
5	16QAM	12	7	21.72	21.72	21.81	21.60	21.65		
5	16QAM	12	13	21.67	21.74	21.81	21.63	21.64		
5	16QAM	25	0	21.73	21.74	21.76	21.73	21.69		
5	64QAM	1	0	21.69	21.71	21.82	21.65	21.72	23	1.1
5	64QAM	1	12	21.70	21.65	21.86	21.67	21.57		
5	64QAM	1	24	21.75	21.71	21.83	21.71	21.58		
5	64QAM	12	0	20.66	20.75	20.78	20.63	20.60	22	2.1
5	64QAM	12	7	20.68	20.83	20.80	20.70	20.72		
5	64QAM	12	13	20.66	20.66	20.81	20.69	20.63		
5	64QAM	25	0	20.82	20.87	20.69	20.71	20.67		
5	256QAM	1	0	18.69	18.72	18.80	18.72	18.63	20	4.1
5	256QAM	1	12	18.67	18.86	18.79	18.62	18.73		
5	256QAM	1	24	18.66	18.72	18.85	18.73	18.74		
5	256QAM	12	0	18.73	18.82	18.73	18.74	18.61	20	4.1
5	256QAM	12	7	18.72	18.75	18.82	18.72	18.69		
5	256QAM	12	13	18.66	18.63	18.82	18.75	18.68		
5	256QAM	25	0	18.61	18.64	18.94	18.74	18.61		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.17	25.15	25.21	24.94	25.15	25.7	0
20	QPSK	1	49	25.07	25.13	25.07	25.18	25.14		
20	QPSK	1	99	25.17	25.08	25.18	25.07	25.08		
20	QPSK	50	0	24.28	24.34	24.41	24.35	24.27	25	0.7
20	QPSK	50	24	24.36	24.33	24.31	24.27	24.28		
20	QPSK	50	50	24.27	24.28	24.32	24.36	24.35		
20	QPSK	100	0	24.37	24.38	24.39	24.31	24.26		
20	16QAM	1	0	24.37	24.29	24.33	24.38	24.32	25	0.7
20	16QAM	1	49	24.27	24.30	24.27	24.35	24.38		
20	16QAM	1	99	24.29	24.38	24.36	24.31	24.32		
20	16QAM	50	0	23.32	23.34	23.31	23.28	23.30	24	1.7
20	16QAM	50	24	23.37	23.27	23.29	23.37	23.28		
20	16QAM	50	50	23.28	23.33	23.28	23.31	23.36		
20	16QAM	100	0	23.29	23.28	23.35	23.32	23.31		
20	64QAM	1	0	23.27	23.34	23.36	23.31	23.28	24	1.7
20	64QAM	1	49	23.31	23.28	23.28	23.35	23.36		
20	64QAM	1	99	23.37	23.30	23.33	23.33	23.29		
20	64QAM	50	0	22.34	22.30	22.33	22.29	22.33	23	2.7
20	64QAM	50	24	22.33	22.29	22.29	22.28	22.30		
20	64QAM	50	50	22.29	22.28	22.32	22.32	22.35		
20	64QAM	100	0	22.29	22.33	22.35	22.36	22.36		
20	256QAM	1	0	20.34	20.35	20.32	20.28	20.34	21	4.7
20	256QAM	1	49	20.30	20.32	20.27	20.26	20.29		
20	256QAM	1	99	20.36	20.36	20.32	20.32	20.29		
20	256QAM	50	0	20.35	20.37	20.29	20.33	20.36	21	4.7
20	256QAM	50	24	20.35	20.34	20.29	20.27	20.29		
20	256QAM	50	50	20.37	20.38	20.35	20.29	20.28		
20	256QAM	100	0	20.32	20.37	20.28	20.34	20.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.06	24.99	24.99	24.79	25.03	26	0
15	QPSK	1	37	25.01	25.00	24.95	25.05	25.02		
15	QPSK	1	74	25.10	24.94	25.14	24.96	24.98		
15	QPSK	36	0	24.22	24.23	24.30	24.23	24.13	25	0.7
15	QPSK	36	20	24.23	24.21	24.25	24.22	24.18		
15	QPSK	36	39	24.18	24.24	24.18	24.29	24.24		
15	QPSK	75	0	24.24	24.29	24.18	24.19	24.11		
15	16QAM	1	0	24.23	24.15	24.20	24.26	24.18	25	0.7
15	16QAM	1	37	24.12	24.22	24.21	24.23	24.26		
15	16QAM	1	74	24.25	24.32	24.31	24.20	24.17		
15	16QAM	36	0	23.25	23.19	23.16	23.20	23.15	24	1.7
15	16QAM	36	20	23.30	23.15	23.20	23.23	23.22		
15	16QAM	36	39	23.16	23.25	23.15	23.24	23.28		
15	16QAM	75	0	23.24	23.15	23.20	23.21	23.23		
15	64QAM	1	0	23.22	23.23	23.30	23.15	23.21	24	1.7
15	64QAM	1	37	23.16	23.21	23.18	23.24	23.24		
15	64QAM	1	74	23.31	23.19	23.17	23.17	23.19		
15	64QAM	36	0	22.27	22.17	22.22	22.22	22.25	23	2.7
15	64QAM	36	20	22.26	22.23	22.25	22.18	22.15		
15	64QAM	36	39	22.19	22.23	22.23	22.18	22.26		
15	64QAM	75	0	22.22	22.27	22.29	22.28	22.30		
15	256QAM	1	0	20.29	20.28	20.26	20.16	20.19	21	4.7
15	256QAM	1	37	20.23	20.18	20.12	20.12	20.20		
15	256QAM	1	74	20.26	20.24	20.17	20.22	20.20		
15	256QAM	36	0	20.20	20.24	20.18	20.28	20.24	21	4.7
15	256QAM	36	20	20.30	20.27	20.20	20.12	20.24		
15	256QAM	36	39	20.29	20.25	20.30	20.25	20.23		
15	256QAM	75	0	20.25	20.30	20.17	20.27	20.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.12	25.10	25.02	24.80	25.10	26	0
10	QPSK	1	25	24.92	24.97	24.94	25.10	25.01		
10	QPSK	1	49	25.04	25.04	25.11	24.95	24.97		
10	QPSK	25	0	24.15	24.29	24.25	24.30	24.19	25	0.7
10	QPSK	25	12	24.30	24.20	24.22	24.17	24.20		
10	QPSK	25	25	24.22	24.14	24.28	24.29	24.22		
10	QPSK	50	0	24.22	24.30	24.23	24.25	24.18		
10	16QAM	1	0	24.26	24.19	24.23	24.31	24.22	25	0.7
10	16QAM	1	25	24.22	24.24	24.16	24.23	24.25		
10	16QAM	1	49	24.16	24.25	24.28	24.23	24.22		
10	16QAM	25	0	23.17	23.19	23.27	23.16	23.18	24	1.7
10	16QAM	25	12	23.32	23.14	23.23	23.28	23.21		
10	16QAM	25	25	23.21	23.25	23.24	23.24	23.26		
10	16QAM	50	0	23.16	23.15	23.20	23.27

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.67	21.80	21.69	23.1	0
20	QPSK	1	49	21.73	21.71	21.72		
20	QPSK	1	99	21.71	21.74	21.74		
20	QPSK	50	0	21.62	21.72	21.60	23	0.1
20	QPSK	50	24	21.62	21.56	21.63		
20	QPSK	50	50	21.59	21.55	21.61		
20	QPSK	100	0	21.56	21.61	21.58		
20	16QAM	1	0	21.53	21.55	21.66	23	0.1
20	16QAM	1	49	21.47	21.64	21.60		
20	16QAM	1	99	21.75	21.53	21.62		
20	16QAM	50	0	20.63	20.61	20.63	22	1.1
20	16QAM	50	24	20.62	20.63	20.58		
20	16QAM	50	50	20.71	20.64	20.60		
20	16QAM	100	0	20.66	20.79	20.70		
20	64QAM	1	0	20.68	20.63	20.61	22	1.1
20	64QAM	1	49	20.51	20.61	20.52		
20	64QAM	1	99	20.68	20.62	20.60		
20	64QAM	50	0	19.55	19.58	19.56	21	2.1
20	64QAM	50	24	19.59	19.65	19.56		
20	64QAM	50	50	19.69	19.57	19.55		
20	64QAM	100	0	19.64	19.67	19.58		
20	256QAM	1	0	17.53	17.57	17.64	19	4.1
20	256QAM	1	49	17.62	17.63	17.56		
20	256QAM	1	99	17.56	17.58	17.56		
20	256QAM	50	0	17.70	17.66	17.58	19	4.1
20	256QAM	50	24	17.59	17.62	17.62		
20	256QAM	50	50	17.65	17.61	17.63		
20	256QAM	100	0	17.70	17.55	17.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.60	21.66	21.60	23.1	0
15	QPSK	1	37	21.65	21.57	21.68		
15	QPSK	1	74	21.66	21.60	21.63		
15	QPSK	36	0	21.57	21.59	21.47	23	0.1
15	QPSK	36	20	21.55	21.45	21.58		
15	QPSK	36	39	21.54	21.41	21.51		
15	QPSK	75	0	21.49	21.49	21.47		
15	16QAM	1	0	21.39	21.43	21.57	23	0.1
15	16QAM	1	37	21.35	21.60	21.46		
15	16QAM	1	74	21.67	21.48	21.58		
15	16QAM	36	0	20.51	20.50	20.51	22	1.1
15	16QAM	36	20	20.47	20.58	20.45		
15	16QAM	36	39	20.66	20.53	20.54		
15	16QAM	75	0	20.54	20.69	20.65		
15	64QAM	1	0	20.63	20.53	20.51	22	1.1
15	64QAM	1	37	20.37	20.48	20.46		
15	64QAM	1	74	20.60	20.47	20.56		
15	64QAM	36	0	19.43	19.53	19.44	21	2.1
15	64QAM	36	20	19.50	19.57	19.52		
15	64QAM	36	39	19.57	19.44	19.51		
15	64QAM	75	0	19.59	19.62	19.45		
15	256QAM	1	0	17.43	17.50	17.56	19	4.1
15	256QAM	1	37	17.51	17.55	17.43		
15	256QAM	1	74	17.46	17.48	17.42		
15	256QAM	36	0	17.57	17.52	17.50	19	4.1
15	256QAM	36	20	17.51	17.57	17.47		
15	256QAM	36	39	17.52	17.49	17.50		
15	256QAM	75	0	17.54	17.46	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.59	21.67	21.60	23.1	0
10	QPSK	1	25	21.58	21.63	21.63		
10	QPSK	1	49	21.58	21.61	21.66		
10	QPSK	25	0	21.46	21.58	21.50	23	0.1
10	QPSK	25	12	21.55	21.47	21.52		
10	QPSK	25	25	21.53	21.39	21.45		
10	QPSK	50	0	21.49	21.50	21.45		
10	16QAM	1	0	21.42	21.47	21.56	23	0.1
10	16QAM	1	25	21.32	21.56	21.52		
10	16QAM	1	49	21.62	21.44	21.47		
10	16QAM	25	0	20.54	20.52	20.53	22	1.1
10	16QAM	25	12	20.54	20.53	20.46		
10	16QAM	25	25	20.60	20.49	20.48		
10	16QAM	50	0	20.52	20.63	20.66		
10	64QAM	1	0	20.61	20.52	20.45	22	1.1
10	64QAM	1	25	20.35	20.56	20.40		
10	64QAM	1	49	20.57	20.49	20.55		
10	64QAM	25	0	19.43	19.43	19.41	21	2.1
10	64QAM	25	12	19.47	19.60	19.42		
10	64QAM	25	25	19.54	19.43	19.45		
10	64QAM	50	0	19.60	19.59	19.53		
10	256QAM	1	0	17.38	17.50	17.49	19	4.1
10	256QAM	1	25	17.55	17.55	17.52		
10	256QAM	1	49	17.49	17.45	17.49		
10	256QAM	25	0	17.63	17.60	17.48	19	4.1
10	256QAM	25	12	17.53	17.49	17.57		
10	256QAM	25	25	17.50	17.46	17.51		
10	256QAM	50	0	17.63	17.44	17.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.61	21.72	21.57	23.1	0
5	QPSK	1	12	21.68	21.63	21.67		
5	QPSK	1	24	21.59	21.67	21.64		
5	QPSK	12	0	21.47	21.61	21.55	23	0.1
5	QPSK	12	7	21.56	21.47	21.48		
5	QPSK	12	13	21.46	21.47	21.51		
5	QPSK	25	0	21.43	21.49	21.47		
5	16QAM	1	0	21.47	21.43	21.59	23	0.1
5	16QAM	1	12	21.36	21.54	21.44		
5	16QAM	1	24	21.70	21.45	21.56		
5	16QAM	12	0	20.50	20.47	20.55	22	1.1
5	16QAM	12	7	20.55	20.59	20.53		
5	16QAM	12	13	20.57	20.51	20.54		
5	16QAM	25	0	20.51	20.66	20.65		
5	64QAM	1	0	20.61	20.52	20.56	22	1.1
5	64QAM	1	12	20.42	20.54	20.38		
5	64QAM	1	24	20.59	20.54	20.47		
5	64QAM	12	0	19.45	19.52	19.45	21	2.1
5	64QAM	12	7	19.47	19.55	19.51		
5	64QAM	12	13	19.64	19.50	19.44		
5	64QAM	25	0	19.49	19.56	19.51		
5	256QAM	1	0	17.44	17.53	17.50	19	4.1
5	256QAM	1	12	17.48	17.58	17.46		
5	256QAM	1	24	17.49	17.52	17.49		
5	256QAM	12	0	17.60	17.60	17.43	19	4.1
5	256QAM	12	7	17.50	17.50	17.48		
5	256QAM	12	13	17.54	17.48	17.54		
5	256QAM	25	0	17.62	17.50	17.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.54	21.76	21.62	23.1	0
3	QPSK	1	8	21.68	21.63	21.66		
3	QPSK	1	14	21.63	21.63	21.61		
3	QPSK	8	0	21.53	21.59	21.40	23	0.1
3	QPSK	8	4	21.56	21.43	21.59		
3	QPSK	8	7	21.45	21.43	21.46		
3	QPSK	15	0	21.42	21.56	21.48		
3	16QAM	1	0	21.48	21.41	21.56	23	0.1
3	16QAM	1	8	21.40	21.54	21.55		
3	16QAM	1	14	21.63	21.42	21.56		
3	16QAM	8	0	20.56	20.47	20.55	22	1.1
3	16QAM	8	4	20.52	20.53	20.48		
3	16QAM	8	7	20.63	20.52	20.46		
3	16QAM	15	0	20.60	20.67	20.63		
3	64QAM	1	0	20.61	20.55	20.54	22	1.1
3	64QAM	1	8	20.42	20.47	20.36		
3	64QAM	1	14	20.57	20.48	20.53		
3	64QAM	8	0	19.42	19.50	19.49	21	2.1
3	64QAM	8	4	19.53	19.50	19.41		
3	64QAM	8	7	19.58	19.50	19.42		
3	64QAM	15	0	19.52	19.51	19.45		
3	256QAM	1	0	17.38	17.42	17.48	19	4.1
3	256QAM	1	8	17.47	17.54	17.50		
3	256QAM	1	14	17.49	17.53	17.48		
3	256QAM	8	0	17.62	17.52	17.43	19	4.1
3	256QAM	8	4	17.51	17.49	17.55		
3	256QAM	8	7	17.61	17.55	17.50		
3	256QAM	15	0	17.66	17.46	17.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.56	21.61	21.64	23.1	0
1.4	QPSK	1	3	21.52	21.60	21.64		
1.4	QPSK	1	5	21.70	21.64	21.64		
1.4	QPSK	3	0	21.54	21.47	21.45		
1.4	QPSK	3	1	21.51	21.49	21.51		
1.4	QPSK	3	3	21.47	21.43	21.55		
1.4	QPSK	6	0	21.46	21.55	21.53	23	0.1
1.4	16QAM	1	0	21.40	21.48	21.48	23	0.1
1.4	16QAM	1	3	21.44	21.54	21.57		
1.4	16QAM	1	5	21.68	21.49	21.46		
1.4	16QAM	3	0	21.60	21.66	21.61		
1.4	16QAM	3	1	21.50	21.62	21.53		
1.4	16QAM	3	3	21.64	21.62	21.65		
1.4	16QAM	6	0	20.68	20.67	20.66	22	1.1
1.4	64QAM	1	0	20.63	20.63	20.67	22	1.1
1.4	64QAM	1	3	20.58	20.60	20.59		
1.4	64QAM	1	5	20.54	20.53	20.52		
1.4	64QAM	3	0	20.52	20.56	20.47		
1.4	64QAM	3	1	20.60	20.47	20.50		
1.4	64QAM	3	3	20.56	20.54	20.44		
1.4	64QAM	6	0	19.69	19.62	19.51	21	2.1
1.4	256QAM	1	0	17.65	17.68	17.57	19	4.1
1.4	256QAM	1	3	17.59	17.66	17.62		
1.4	256QAM	1	5	17.56	17.56	17.64		
1.4	256QAM	3	0	17.52	17.59	17.56		
1.4	256QAM	3	1	17.49	17.51	17.41		
1.4	256QAM	3	3	17.49	17.40	17.55		
1.4	256QAM	6	0	17.58	17.51	17.47	19	4.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.51	22.52	22.49	23.8	0
20	QPSK	1	49	22.39	22.48	22.41		
20	QPSK	1	99	22.38	22.40	22.37		
20	QPSK	50	0	21.45	21.54	21.50	23	0.8
20	QPSK	50	24	21.43	21.52	21.43		
20	QPSK	50	50	21.39	21.48	21.42		
20	QPSK	100	0	21.47	21.50	21.47		
20	16QAM	1	0	21.46	21.49	21.51	23	0.8
20	16QAM	1	49	21.39	21.46	21.47		
20	16QAM	1	99	21.38	21.47	21.39		
20	16QAM	50	0	20.46	20.60	20.52	22	1.8
20	16QAM	50	24	20.45	20.48	20.41		
20	16QAM	50	50	20.42	20.54	20.48		
20	16QAM	100	0	20.43	20.51	20.50		
20	64QAM	1	0	20.46	20.53	20.55	22	1.8
20	64QAM	1	49	20.38	20.45	20.45		
20	64QAM	1	99	20.37	20.43	20.37		
20	64QAM	50	0	19.41	19.60	19.49	21	2.8
20	64QAM	50	24	19.39	19.53	19.40		
20	64QAM	50	50	19.39	19.44	19.42		
20	64QAM	100	0	19.51	19.46	19.53		
20	256QAM	1	0	17.45	17.57	17.54	19	4.8
20	256QAM	1	49	17.41	17.54	17.46		
20	256QAM	1	99	17.39	17.44	17.42		
20	256QAM	50	0	17.42	17.50	17.50	19	4.8
20	256QAM	50	24	17.44	17.51	17.53		
20	256QAM	50	50	17.36	17.52	17.52		
20	256QAM	100	0	17.43	17.51	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.47	22.47	22.41	23.8	0
15	QPSK	1	37	22.36	22.34	22.29		
15	QPSK	1	74	22.35	22.42	22.23		
15	QPSK	36	0	21.33	21.51	21.37	23	0.8
15	QPSK	36	20	21.35	21.49	21.30		
15	QPSK	36	39	21.30	21.44	21.38		
15	QPSK	75	0	21.34	21.38	21.40		
15	16QAM	1	0	21.34	21.38	21.40	23	0.8
15	16QAM	1	37	21.37	21.39	21.44		
15	16QAM	1	74	21.34	21.41	21.26		
15	16QAM	36	0	20.38	20.55	20.45	22	1.8
15	16QAM	36	20	20.35	20.41	20.37		
15	16QAM	36	39	20.30	20.46	20.39		
15	16QAM	75	0	20.34	20.43	20.46		
15	64QAM	1	0	20.35	20.49	20.52	22	1.8
15	64QAM	1	37	20.29	20.43	20.35		
15	64QAM	1	74	20.32	20.38	20.34		
15	64QAM	36	0	19.36	19.53	19.47	21	2.8
15	64QAM	36	20	19.31	19.49	19.27		
15	64QAM	36	39	19.32	19.33	19.38		
15	64QAM	75	0	19.44	19.33	19.40		
15	256QAM	1	0	17.34	17.46	17.41	19	4.8
15	256QAM	1	37	17.31	17.43	17.42		
15	256QAM	1	74	17.26	17.39	17.32		
15	256QAM	36	0	17.32	17.36	17.36	19	4.8
15	256QAM	36	20	17.33	17.41	17.39		
15	256QAM	36	39	17.24	17.45	17.45		
15	256QAM	75	0	17.40	17.44	17.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.38	22.39	22.47	23.8	0
10	QPSK	1	25	22.31	22.42	22.31		
10	QPSK	1	49	22.26	22.31	22.31		
10	QPSK	25	0	21.33	21.44	21.37	23	0.8
10	QPSK	25	12	21.40	21.45	21.30		
10	QPSK	25	25	21.33	21.43	21.37		
10	QPSK	50	0	21.35	21.45	21.44		
10	16QAM	1	0	21.39	21.38	21.46	23	0.8
10	16QAM	1	25	21.32	21.34	21.33		
10	16QAM	1	49	21.32	21.42	21.33		
10	16QAM	25	0	20.33	20.53	20.39	22	1.8
10	16QAM	25	12	20.41	20.37	20.36		
10	16QAM	25	25	20.31	20.51	20.34		
10	16QAM	50	0	20.38	20.42	20.38		
10	64QAM	1	0	20.34	20.45	20.43	22	1.8
10	64QAM	1	25	20.33	20.38	20.39		
10	64QAM	1	49	20.32	20.37	20.34		
10	64QAM	25	0	19.37	19.56	19.41	21	2.8
10	64QAM	25	12	19.30	19.51	19.35		
10	64QAM	25	25	19.36	19.34	19.29		
10	64QAM	50	0	19.38	19.43	19.44		
10	256QAM	1	0	17.38	17.45	17.47	19	4.8
10	256QAM	1	25	17.30	17.41	17.37		
10	256QAM	1	49	17.35	17.41	17.40		
10	256QAM	25	0	17.32	17.38	17.44	19	4.8
10	256QAM	25	12	17.33	17.38	17.47		
10	256QAM	25	25	17.26	17.49	17.42		
10	256QAM	50	0	17.39	17.43	17.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1751.5		
5	QPSK	1	0	22.45	22.43	22.36	23.8	0
5	QPSK	1	12	22.36	22.45	22.28		
5	QPSK	1	24	22.25	22.42	22.29		
5	QPSK	12	0	21.42	21.51	21.41	23	0.8
5	QPSK	12	7	21.35	21.42	21.36		
5	QPSK	12	13	21.33	21.40	21.30		
5	QPSK	25	0	21.38	21.40	21.44		
5	16QAM	1	0	21.39	21.45	21.48	23	0.8
5	16QAM	1	12	21.28	21.38	21.37		
5	16QAM	1	24	21.35	21.43	21.36		
5	16QAM	12	0	20.31	20.49	20.40	22	1.8
5	16QAM	12	7	20.36	20.38	20.39		
5	16QAM	12	13	20.37	20.40	20.34		
5	16QAM	25	0	20.31	20.38	20.39		
5	64QAM	1	0	20.34	20.47	20.41	22	1.8
5	64QAM	1	12	20.26	20.38	20.42		
5	64QAM	1	24	20.29	20.35	20.30		
5	64QAM	12	0	19.38	19.55	19.39	21	2.8
5	64QAM	12	7	19.31	19.47	19.32		
5	64QAM	12	13	19.25	19.40	19.32		
5	64QAM	25	0	19.47	19.42	19.46		
5	256QAM	1	0	17.43	17.46	17.49	19	4.8
5	256QAM	1	12	17.28	17.47	17.39		
5	256QAM	1	24	17.25	17.32	17.40		
5	256QAM	12	0	17.32	17.40	17.44	19	4.8
5	256QAM	12	7	17.34	17.42	17.47		
5	256QAM	12	13	17.32	17.49	17.43		
5	256QAM	25	0	17.31	17.39	17.25		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.48	22.42	22.36	23.8	0
3	QPSK	1	8	22.31	22.34	22.34		
3	QPSK	1	14	22.29	22.41	22.24		
3	QPSK	8	0	21.43	21.46	21.45	23	0.8
3	QPSK	8	4	21.33	21.41	21.31		
3	QPSK	8	7	21.26	21.35	21.32		
3	QPSK	15	0	21.44	21.42	21.40		
3	16QAM	1	0	21.36	21.46	21.45	23	0.8
3	16QAM	1	8	21.26	21.41	21.41		
3	16QAM	1	14	21.30	21.45	21.36		
3	16QAM	8	0	20.33	20.51	20.42	22	1.8
3	16QAM	8	4	20.38	20.38	20.30		
3	16QAM	8	7	20.28	20.45	20.38		
3	16QAM	15	0	20.30	20.38	20.39		
3	64QAM	1	0	20.34	20.49	20.50	22	1.8
3	64QAM	1	8	20.33	20.33	20.39		
3	64QAM	1	14	20.27	20.36	20.23		
3	64QAM	8	0	19.32	19.49	19.40	21	2.8
3	64QAM	8	4	19.36	19.48	19.34		
3	64QAM	8	7	19.29	19.37	19.34		
3	64QAM	15	0	19.38	19.42	19.44		
3	256QAM	1	0	17.39	17.47	17.47	19	4.8
3	256QAM	1	8	17.28	17.51	17.39		
3	256QAM	1	14	17.29	17.40	17.33		
3	256QAM	8	0	17.29	17.44	17.46	19	4.8
3	256QAM	8	4	17.39	17.44	17.41		
3	256QAM	8	7	17.25	17.44	17.39		
3	256QAM	15	0	17.35	17.46	17.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.41	22.41	22.41	23.8	0
1.4	QPSK	1	3	22.35	22.36	22.33		
1.4	QPSK	1	5	22.32	22.38	22.29		
1.4	QPSK	3	0	22.35	22.38	22.32		
1.4	QPSK	3	1	22.26	22.32	22.23		
1.4	QPSK	3	3	22.29	22.31	22.20		
1.4	QPSK	6	0	21.45	21.37	21.39	23.7	0.1
1.4	16QAM	1	0	21.35	21.36	21.49	23.7	0.1
1.4	16QAM	1	3	21.27	21.37	21.40		
1.4	16QAM	1	5	21.35	21.35	21.27		
1.4	16QAM	3	0	21.38	21.26	21.31		
1.4	16QAM	3	1	21.22	21.23	21.47		
1.4	16QAM	3	3	21.23	21.28	21.29		
1.4	16QAM	6	0	20.38	20.38	20.42	22.7	1.1
1.4	64QAM	1	0	20.35	20.51	20.52	22.7	1.1
1.4	64QAM	1	3	20.30	20.42	20.38		
1.4	64QAM	1	5	20.28	20.35	20.33		
1.4	64QAM	3	0	20.32	20.28	20.29		
1.4	64QAM	3	1	20.30	20.39	20.43		
1.4	64QAM	3	3	20.17	20.37	20.25		
1.4	64QAM	6	0	19.43	19.43	19.41	21.7	2.1
1.4	256QAM	1	0	17.43	17.45	17.40	19.7	4.1
1.4	256QAM	1	3	17.28	17.45	17.41		
1.4	256QAM	1	5	17.33	17.40	17.32		
1.4	256QAM	3	0	17.33	17.45	17.46		
1.4	256QAM	3	1	17.37	17.38	17.42		
1.4	256QAM	3	3	17.29	17.41	17.48		
1.4	256QAM	6	0	17.39	17.48	17.28	19.7	4.1

Band 7 Ant 3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.12	23.09	24	0
20	QPSK	1	49	23.00	23.09	22.98		
20	QPSK	1	99	23.05	23.07	22.98		
20	QPSK	50	0	22.13	22.14	22.12	23	1
20	QPSK	50	24	22.02	22.05	22.03		
20	QPSK	50	50	22.00	22.11	21.93		
20	QPSK	100	0	22.07	22.10	22.05		
20	16QAM	1	0	22.07	22.09	22.14	23	1

Band 25 Ant 3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.92	21.95	21.88	23.1	0
20	QPSK	1	49	21.89	21.92	21.89		
20	QPSK	50	0	21.94	21.91	21.93		
20	QPSK	50	0	21.85	21.86	21.81	23	0.1
20	QPSK	50	24	21.81	21.80	21.78		
20	QPSK	50	50	21.81	21.77	21.85		
20	QPSK	100	0	21.80	21.86	21.73		
20	16QAM	1	0	21.74	21.78	21.81	23	0.1
20	16QAM	1	49	21.73	21.82	21.79		
20	16QAM	1	99	21.89	21.78	21.83		
20	16QAM	50	0	20.83	20.79	20.80	22	1.1
20	16QAM	50	24	20.85	20.83	20.77		
20	16QAM	50	50	20.87	20.81	20.81		
20	16QAM	100	0	20.89	20.95	20.84		
20	64QAM	1	0	20.83	20.79	20.84	22	1.1
20	64QAM	1	49	20.75	20.85	20.72		
20	64QAM	1	99	20.88	20.82	20.75		
20	64QAM	50	0	19.80	19.75	19.78	21	2.1
20	64QAM	50	24	19.77	19.87	19.76		
20	64QAM	50	50	19.87	19.75	19.80		
20	64QAM	100	0	19.83	19.85	19.73		
20	256QAM	1	0	17.77	17.76	17.81	19	4.1
20	256QAM	1	49	17.84	17.86	17.77		
20	256QAM	1	99	17.79	17.83	17.80		
20	256QAM	50	0	17.89	17.87	17.74	19	4.1
20	256QAM	50	24	17.78	17.80	17.79		
20	256QAM	50	50	17.79	17.78	17.77		
20	256QAM	100	0	17.91	17.77	17.85		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.88	21.88	21.76	23.1	0
15	QPSK	1	37	21.74	21.83	21.82		
15	QPSK	1	74	21.82	21.77	21.86		
15	QPSK	36	0	21.77	21.67	21.72	23	0.1
15	QPSK	36	20	21.74	21.67	21.85		
15	QPSK	36	39	21.74	21.63	21.74		
15	QPSK	75	0	21.64	21.79	21.61		
15	16QAM	1	0	21.60	21.65	21.76	23	0.1
15	16QAM	1	37	21.60	21.73	21.72		
15	16QAM	1	74	21.75	21.70	21.73		
15	16QAM	36	0	20.72	20.74	20.75	22	1.1
15	16QAM	36	20	20.74	20.71	20.66		
15	16QAM	36	39	20.82	20.76	20.73		
15	16QAM	75	0	20.82	20.90	20.79		
15	64QAM	1	0	20.75	20.73	20.70	22	1.1
15	64QAM	1	37	20.64	20.72	20.63		
15	64QAM	1	74	20.74	20.67	20.62		
15	64QAM	36	0	19.67	19.62	19.66	21	2.1
15	64QAM	36	20	19.68	19.82	19.70		
15	64QAM	36	39	19.80	19.60	19.65		
15	64QAM	75	0	19.68	19.79	19.67		
15	256QAM	1	0	17.62	17.64	17.68	19	4.1
15	256QAM	1	37	17.77	17.76	17.72		
15	256QAM	1	74	17.69	17.71	17.73		
15	256QAM	36	0	17.78	17.77	17.63	19	4.1
15	256QAM	36	20	17.68	17.72	17.73		
15	256QAM	36	39	17.68	17.72	17.67		
15	256QAM	75	0	17.83	17.83	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.79	21.81	21.77	23.1	0
10	QPSK	1	25	21.80	21.83	21.75		
10	QPSK	1	49	21.80	21.87	21.82		
10	QPSK	25	0	21.77	21.64	21.69	23	0.1
10	QPSK	25	12	21.77	21.65	21.71		
10	QPSK	25	25	21.67	21.70	21.79		
10	QPSK	50	0	21.71	21.78	21.60		
10	16QAM	1	0	21.68	21.74	21.72	23	0.1
10	16QAM	1	25	21.69	21.68	21.67		
10	16QAM	1	49	21.83	21.68	21.72		
10	16QAM	25	0	20.68	20.73	20.76	22	1.1
10	16QAM	25	12	20.74	20.68	20.67		
10	16QAM	25	25	20.79	20.72	20.75		
10	16QAM	50	0	20.79	20.91	20.70		
10	64QAM	1	0	20.74	20.67	20.70	22	1.1
10	64QAM	1	25	20.67	20.74	20.61		
10	64QAM	1	49	20.72	20.66	20.70		
10	64QAM	25	0	19.74	19.65	19.72	21	2.1
10	64QAM	25	12	19.73	19.75	19.70		
10	64QAM	25	25	19.73	19.62	19.69		
10	64QAM	50	0	19.76	19.73	19.65		
10	256QAM	1	0	17.70	17.65	17.68	19	4.1
10	256QAM	1	25	17.72	17.74	17.68		
10	256QAM	1	49	17.64	17.78	17.68		
10	256QAM	25	0	17.80	17.82	17.63	19	4.1
10	256QAM	25	12	17.70	17.67	17.69		
10	256QAM	25	25	17.70	17.65	17.63		
10	256QAM	50	0	17.78	17.71	17.76		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.87	21.82	21.84	23.1	0
5	QPSK	1	12	21.79	21.77	21.74		
5	QPSK	1	24	21.85	21.77	21.86		
5	QPSK	12	0	21.70	21.69	21.71	23	0.1
5	QPSK	12	7	21.72	21.66	21.69		
5	QPSK	12	13	21.75	21.68	21.74		
5	QPSK	25	0	21.64	21.80	21.61		
5	16QAM	1	0	21.61	21.66	21.72	23	0.1
5	16QAM	1	12	21.60	21.78	21.64		
5	16QAM	1	24	21.82	21.68	21.75		
5	16QAM	12	0	20.79	20.63	20.69	22	1.1
5	16QAM	12	7	20.70	20.78	20.72		
5	16QAM	12	13	20.78	20.73	20.75		
5	16QAM	25	0	20.82	20.89	20.74		
5	64QAM	1	0	20.74	20.63	20.74	22	1.1
5	64QAM	1	12	20.63	20.76	20.68		
5	64QAM	1	24	20.80	20.75	20.63		
5	64QAM	12	0	19.76	19.61	19.73	21	2.1
5	64QAM	12	7	19.62	19.82	19.61		
5	64QAM	12	13	19.74	19.60	19.68		
5	64QAM	25	0	19.70	19.75	19.68		
5	256QAM	1	0	17.64	17.67	17.75	19	4.1
5	256QAM	1	12	17.78	17.79	17.71		
5	256QAM	1	24	17.66	17.71	17.67		
5	256QAM	12	0	17.78	17.79	17.69	19	4.1
5	256QAM	12	7	17.64	17.74	17.65		
5	256QAM	12	13	17.73	17.72	17.65		
5	256QAM	25	0	17.80	17.73	17.81		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.78	21.83	21.74	23.1	0
3	QPSK	1	8	21.84	21.76	21.79		
3	QPSK	1	14	21.87	21.79	21.83		
3	QPSK	8	0	21.76	21.71	21.65	23	0.1
3	QPSK	8	4	21.68	21.70	21.72		
3	QPSK	8	7	21.67	21.65	21.76		
3	QPSK	15	0	21.74	21.81	21.66		
3	16QAM	1	0	21.61	21.71	21.65	23	0.1
3	16QAM	1	8	21.59	21.74	21.69		
3	16QAM	1	14	21.85	21.65	21.75		
3	16QAM	8	0	20.77	20.73	20.69	22	1.1
3	16QAM	8	4	20.79	20.70	20.67		
3	16QAM	8	7	20.72	20.72	20.70		
3	16QAM	15	0	20.76	20.90	20.77		
3	64QAM	1	0	20.75	20.66	20.74	22	1.1
3	64QAM	1	8	20.70	20.74	20.60		
3	64QAM	1	14	20.84	20.77	20.69		
3	64QAM	8	0	19.74	19.69	19.70	21	2.1
3	64QAM	8	4	19.62	19.80	19.70		
3	64QAM	8	7	19.80	19.65	19.74		
3	64QAM	15	0	19.67	19.80	19.67		
3	256QAM	1	0	17.68	17.64	17.69	19	4.1
3	256QAM	1	8	17.76	17.75	17.64		
3	256QAM	1	14	17.71	17.76	17.68		
3	256QAM	8	0	17.77	17.74	17.70	19	4.1
3	256QAM	8	4	17.64	17.70	17.67		
3	256QAM	8	7	17.68	17.65	17.71		
3	256QAM	15	0	17.83	17.66	17.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.78	21.78	21.82	23.1	0
1.4	QPSK	1	3	21.77	21.80	21.84		
1.4	QPSK	1	5	21.88	21.84	21.82		
1.4	QPSK	3	0	21.71	21.71	21.68		
1.4	QPSK	3	1	21.72	21.72	21.73		
1.4	QPSK	3	3	21.69	21.63	21.70		
1.4	QPSK	6	0	21.66	21.81	21.69	23	0.1
1.4	16QAM	1	0	21.63	21.73	21.68	23	0.1
1.4	16QAM	1	3	21.69	21.76	21.74		
1.4	16QAM	1	5	21.84	21.65	21.70		
1.4	16QAM	3	0	21.82	21.85	21.83		
1.4	16QAM	3	1	21.74	21.84	21.73		
1.4	16QAM	3	3	21.80	21.79	21.84		
1.4	16QAM	6	0	20.83	20.83	20.80	22	1.1
1.4	64QAM	1	0	20.81	20.86	20.81	22	1.1
1.4	64QAM	1	3	20.82	20.85	20.81		
1.4	64QAM	1	5	20.78	20.72	20.71		
1.4	64QAM	3	0	20.67	20.70	20.65		
1.4	64QAM	3	1	20.77	20.62	20.73		
1.4	64QAM	3	3	20.71	20.76	20.58		
1.4	64QAM	6	0	19.88	19.87	19.75	21	2.1
1.4	256QAM	1	0	17.83	17.85	17.75	19	4.1
1.4	256QAM	1	3	17.78	17.85	17.79		
1.4	256QAM	1	5	17.81	17.77	17.78		
1.4	256QAM	3	0	17.74	17.75	17.75		
1.4	256QAM	3	1	17.72	17.68	17.63		
1.4	256QAM	3	3	17.65	17.65	17.73		
1.4	256QAM	6	0	17.72	17.73	17.64	19	4.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.18		22	0
10	QPSK	1	25		21.15			
10	QPSK	1	49		21.13			
10	QPSK	25	0		20.18		21	1
10	QPSK	25	12		20.12			
10	QPSK	25	25		20.16			
10	QPSK	50	0		20.15			
10	16QAM	1	0		20.14		21	1
10	16QAM	1	25		20.16			
10	16QAM	1	49		20.11			
10	16QAM	25	0		19.12		20	2
10	16QAM	25	12		19.17			
10	16QAM	25	25		19.19			
10	16QAM	50	0		19.13			
10	64QAM	1	0		19.12		20	2
10	64QAM	1	25		19.14			
10	64QAM	1	49		19.06			
10	64QAM	25	0		18.21		19	3
10	64QAM	25	12		18.14			
10	64QAM	25	25		18.20			
10	64QAM	50	0		18.17			
10	256QAM	1	0		16.13		17	5
10	256QAM	1	25		16.18			
10	256QAM	1	49		16.18			
10	256QAM	25	0		16.17		17	5
10	256QAM	25	12		16.08			
10	256QAM	25	25		16.14			
10	256QAM	50	0		16.08			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.11	21.15	21.14	22	0
5	QPSK	1	12	21.08	21.05	21.02		
5	QPSK	1	24	21.10	21.06	21.09		
5	QPSK	12	0	20.12	20.16	20.10	21	1
5	QPSK	12	7	20.02	20.08	20.03		
5	QPSK	12	13	20.10	20.04	20.04		
5	QPSK	25	0	20.09	20.04	20.06		
5	16QAM	1	0	20.02	20.00	20.09	21	1
5	16QAM	1	12	20.08	20.13	20.10		
5	16QAM	1	24	20.06	20.06	20.05		
5	16QAM	12	0	19.04	19.10	19.02	20	2
5	16QAM	12	7	19.09	19.04	19.12		
5	16QAM	12	13	19.11	19.07	19.11		
5	16QAM	25	0	18.99	19.02	19.07		
5	64QAM	1	0	19.01	19.05	19.06	20	2
5	64QAM	1	12	19.11	19.09	19.11		
5	64QAM	1	24	19.01	18.97	19.01		
5	64QAM	12	0	18.11	18.11	18.13	19	3
5	64QAM	12	7	18.03	18.05	18.10		
5	64QAM	12	13	18.09	18.07	18.12		
5	64QAM	25	0	18.14	18.04	18.13		
5	256QAM	1	0	16.07	16.09	16.09	17	5
5	256QAM	1	12	16.06	16.09	16.08		
5	256QAM	1	24	16.16	16.04	16.09		
5	256QAM	12	0	16.05	16.07	16.10	17	5
5	256QAM	12	7	16.01	16.05	16.06		
5	256QAM	12	13	16.05	16.09	16.05		
5	256QAM	25	0	15.99	15.95	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.62	22.66	22.60	23.8	0
20	QPSK	1	49	22.57	22.62	22.58		
20	QPSK	1	99	22.53	22.62	22.57		
20	QPSK	50	0	21.64	21.72	21.66	23	0.8
20	QPSK	50	24	21.59	21.59	21.58		
20	QPSK	50	50	21.52	21.53	21.62		
20	QPSK	100	0	21.65	21.70	21.63		
20	16QAM	1	0	21.68	21.69	21.61	23	0.8
20	16QAM	1	49	21.59	21.59	21.58		
20	16QAM	1	99	21.50	21.60	21.56		
20	16QAM	50	0	20.63	20.67	20.65	22	1.8
20	16QAM	50	24	20.57	20.62	20.55		
20	16QAM	50	50	20.52	20.56	20.66		
20	16QAM	100	0	20.67	20.71	20.63		
20	64QAM	1	0	20.66	20.73	20.61	22	1.8
20	64QAM	1	49	20.56	20.56	20.55		
20	64QAM	1	99	20.48	20.64	20.61		
20	64QAM	50	0	19.64	19.66	19.69	21	2.8
20	64QAM	50	24	19.59	19.61	19.59		
20	64QAM	50	50	19.47	19.51	19.64		
20	64QAM	100	0	19.66	19.69	19.63		
20	256QAM	1	0	17.63	17.69	17.69	19	4.8
20	256QAM	1	49	17.62	17.53	17.54		
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64	19	4.8
20	256QAM	50	24	17.69	17.73	17.59		
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.55	22.62	22.58	23.8	0
15	QPSK	1	37	22.54	22.54	22.49		
15	QPSK	1	74	22.46	22.49	22.50		
15	QPSK	36	0	21.56	21.67	21.61	23	0.8
15	QPSK	36	20	21.53	21.48	21.44		
15	QPSK	36	39	21.39	21.40	21.53		
15	QPSK	75	0	21.59	21.65	21.54		
15	16QAM	1	0	21.58	21.63	21.51	23	0.8
15	16QAM	1	37	21.48	21.53	21.50		
15	16QAM	1	74	21.48	21.49	21.51		
15	16QAM	36	0	20.59	20.57	20.63	22	1.8
15	16QAM	36	20	20.53	20.54	20.46		
15	16QAM	36	39	20.46	20.50	20.60		
15	16QAM	75	0	20.63	20.63	20.53		
15	64QAM	1	0	20.63	20.65	20.57	22	1.8
15	64QAM	1	37	20.42	20.43	20.49		
15	64QAM	1	74	20.40	20.54	20.55		
15	64QAM	36	0	19.52	19.63	19.63	21	2.8
15	64QAM	36	20	19.52	19.54	19.49		
15	64QAM	36	39	19.33	19.41	19.58		
15	64QAM	75	0	19.57	19.58	19.53		
15	256QAM	1	0	17.57	17.60	17.63	19	4.8
15	256QAM	1	37	17.56	17.44	17.52		
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52	19	4.8
15	256QAM	36	20	17.58	17.63	17.54		
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.50	22.55	22.54	23.8	0
10	QPSK	1	25	22.47	22.51	22.49		
10	QPSK	1	49	22.51	22.51	22.50		
10	QPSK	25	0	21.60	21.59	21.63	23	0.8
10	QPSK	25	12	21.49	21.47	21.47		
10	QPSK	25	25	21.42	21.46	21.49		
10	QPSK	50	0	21.55	21.56	21.56		
10	16QAM	1	0	21.65	21.63	21.55	23	0.8
10	16QAM	1	25	21.52	21.48	21.53		
10	16QAM	1	49	21.41	21.47	21.51		
10	16QAM	25	0	20.55	20.63	20.62	22	1.8
10	16QAM	25	12	20.49	20.60	20.49		
10	16QAM	25	25	20.44	20.46	20.59		
10	16QAM	50	0	20.56	20.68	20.52		
10	64QAM	1	0	20.52	20.60	20.49	22	1.8
10	64QAM	1	25	20.52	20.48	20.53		
10	64QAM	1	49	20.43	20.61	20.49		
10	64QAM	25	0	19.57	19.56	19.62	21	2.8
10	64QAM	25	12	19.53	19.57	19.46		
10	64QAM	25	25	19.38	19.44	19.54		
10	64QAM	50	0	19.56	19.64	19.52		
10	256QAM	1	0	17.54	17.56	17.66	19	4.8
10	256QAM	1	25	17.58	17.51	17.47		
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56	19	4.8
10	256QAM	25	12	17.61	17.71	17.49		
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.55	22.56	23.8	0
5	QPSK	1	12	22.54	22.59	22.47		
5	QPSK	1	24	22.43	22.54	22.54		
5	QPSK	12	0	21.50	21.69	21.62	23	0.8
5	QPSK	12	7	21.48	21.55	21.47		
5	QPSK	12	13	21.43	21.44	21.52		
5	QPSK	25	0	21.53	21.57	21.60		
5	16QAM	1	0	21.63	21.61	21.48	23	0.8
5	16QAM	1	12	21.47	21.54	21.55		
5	16QAM	1	24	21.47	21.52	21.46		
5	16QAM	12	0	20.54	20.59	20.56	22	1.8
5	16QAM	12	7	20.47	20.52	20.44		
5	16QAM	12	13	20.49	20.45	20.56		
5	16QAM	25	0	20.54	20.60	20.54		
5	64QAM	1	0	20.52	20.62	20.50	22	1.8
5	64QAM	1	12	20.48	20.49	20.47		
5	64QAM	1	24	20.45	20.58	20.58		
5	64QAM	12	0	19.52	19.53	19.63	21	2.8
5	64QAM	12	7	19.50	19.49	19.54		
5	64QAM	12	13	19.44	19.44	19.60		
5	64QAM	25	0	19.55	19.56	19.52		
5	256QAM	1	0	17.52	17.57	17.62	19	4.8
5	256QAM	1	12	17.53	17.41	17.51		
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61	19	4.8
5	256QAM	12	7	17.59	17.66	17.55		
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.64	22.49	23.8	0
3	QPSK	1	8	22.45	22.55	22.47		
3	QPSK	1	14	22.45	22.47	22.43		
3	QPSK	8	0	21.60	21.70	21.61	23	0.8
3	QPSK	8	4	21.52	21.47	21.55		
3	QPSK	8	7	21.41	21.46	21.51		
3	QPSK	15	0	21.55	21.62	21.58		
3	16QAM	1	0	21.65	21.57	21.53	23	0.8
3	16QAM	1	8	21.50	21.57	21.48		
3	16QAM	1	14	21.38	21.50	21.44		
3	16QAM	8	0	20.58	20.58	20.54	22	1.8
3	16QAM	8	4	20.48	20.51	20.48		
3	16QAM	8	7	20.41	20.47	20.59		
3	16QAM	15	0	20.54	20.58	20.61		
3	64QAM	1	0	20.53	20.63	20.57	22	1.8
3	64QAM	1	8	20.51	20.47	20.42		
3	64QAM	1	14	20.34	20.59	20.51		
3	64QAM	8	0	19.52	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.37	21.61	21.41	22.8	0
20	QPSK	1	49	21.32	21.52	21.32		
20	QPSK	1	99	21.34	21.43	21.38		
20	QPSK	50	0	21.23	21.57	21.32	22.8	0
20	QPSK	50	24	21.38	21.56	21.29		
20	QPSK	50	50	21.31	21.50	21.34		
20	QPSK	100	0	21.31	21.48	21.29		
20	16QAM	1	0	21.28	21.43	21.34		
20	16QAM	1	49	21.31	21.50	21.31	22.8	0
20	16QAM	1	99	21.33	21.55	21.42		
20	16QAM	50	0	21.27	21.50	21.35		
20	16QAM	50	24	21.36	21.43	21.34	22.8	0
20	16QAM	50	50	21.38	21.54	21.38		
20	16QAM	100	0	21.27	21.47	21.32		
20	64QAM	1	0	21.33	21.47	21.41		
20	64QAM	1	49	21.37	21.43	21.31	22.8	0
20	64QAM	1	99	21.29	21.56	21.34		
20	64QAM	50	0	20.52	20.71	20.52		
20	64QAM	50	24	20.57	20.71	20.60	22	0.8
20	64QAM	50	50	20.58	20.58	20.49		
20	64QAM	100	0	20.57	20.63	20.46		
20	256QAM	1	0	18.46	18.72	18.58		
20	256QAM	1	49	18.53	18.64	18.62	20	2.8
20	256QAM	1	99	18.52	18.58	18.47		
20	256QAM	50	0	18.42	18.70	18.50		
20	256QAM	50	24	18.47	18.73	18.55	20	2.8
20	256QAM	50	50	18.53	18.69	18.49		
20	256QAM	100	0	18.57	18.65	18.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.31	21.49	21.35	22.8	0
15	QPSK	1	37	21.17	21.43	21.26		
15	QPSK	1	74	21.19	21.29	21.25		
15	QPSK	36	0	21.07	21.40	21.27	22.8	0
15	QPSK	36	20	21.22	21.49	21.19		
15	QPSK	36	39	21.19	21.40	21.27		
15	QPSK	75	0	21.17	21.42	21.17		
15	16QAM	1	0	21.18	21.37	21.27	22.8	0
15	16QAM	1	37	21.16	21.42	21.23		
15	16QAM	1	74	21.17	21.40	21.35		
15	16QAM	36	0	21.29	21.37	21.23	22.8	0
15	16QAM	36	20	21.30	21.34	21.20		
15	16QAM	36	39	21.29	21.42	21.25		
15	16QAM	75	0	21.16	21.35	21.22		
15	64QAM	1	0	21.28	21.37	21.28	22.8	0
15	64QAM	1	37	21.28	21.37	21.25		
15	64QAM	1	74	21.16	21.40	21.29		
15	64QAM	36	0	20.42	20.59	20.44	22	0.8
15	64QAM	36	20	20.47	20.58	20.35		
15	64QAM	36	39	20.49	20.47	20.43		
15	64QAM	75	0	20.45	20.51	20.41		
15	256QAM	1	0	18.41	18.56	18.42	20	2.8
15	256QAM	1	37	18.44	18.49	18.56		
15	256QAM	1	74	18.48	18.45	18.36		
15	256QAM	36	0	18.33	18.55	18.42	20	2.8
15	256QAM	36	20	18.35	18.49	18.41		
15	256QAM	36	39	18.45	18.57	18.41		
15	256QAM	75	0	18.47	18.61	18.27		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.22	21.56	21.28	22.8	0
10	QPSK	1	25	21.23	21.47	21.19		
10	QPSK	1	49	21.24	21.37	21.30		
10	QPSK	25	0	21.15	21.34	21.24	22.8	0
10	QPSK	25	12	21.23	21.40	21.21		
10	QPSK	25	25	21.22	21.39	21.26		
10	QPSK	50	0	21.25	21.35	21.18		
10	16QAM	1	0	21.18	21.37	21.28	22.8	0
10	16QAM	1	25	21.20	21.44	21.16		
10	16QAM	1	49	21.22	21.49	21.35		
10	16QAM	25	0	21.23	21.29	21.28	22.8	0
10	16QAM	25	12	21.30	21.34	21.26		
10	16QAM	25	25	21.26	21.39	21.27		
10	16QAM	50	0	21.11	21.33	21.21		
10	64QAM	1	0	21.25	21.36	21.33	22.8	0
10	64QAM	1	25	21.22	21.33	21.18		
10	64QAM	1	49	21.18	21.42	21.28		
10	64QAM	25	0	20.44	20.58	20.46	22	0.8
10	64QAM	25	12	20.44	20.65	20.51		
10	64QAM	25	25	20.52	20.45	20.35		
10	64QAM	50	0	20.46	20.53	20.35		
10	256QAM	1	0	18.39	18.57	18.45	20	2.8
10	256QAM	1	25	18.45	18.49	18.55		
10	256QAM	1	49	18.45	18.42	18.38		
10	256QAM	25	0	18.27	18.62	18.42	20	2.8
10	256QAM	25	12	18.32	18.63	18.46		
10	256QAM	25	25	18.45	18.59	18.44		
10	256QAM	50	0	18.47	18.61	18.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.28	21.46	21.31	22.8	0
5	QPSK	1	12	21.19	21.36	21.19		
5	QPSK	1	24	21.20	21.30	21.29		
5	QPSK	12	0	21.19	21.33	21.24	22.8	0
5	QPSK	12	7	21.30	21.43	21.17		
5	QPSK	12	13	21.19	21.43	21.28		
5	QPSK	25	0	21.20	21.38	21.13		
5	16QAM	1	0	21.14	21.40	21.20	22.8	0
5	16QAM	1	12	21.21	21.35	21.21		
5	16QAM	1	24	21.18	21.36	21.36		
5	16QAM	12	0	21.22	21.26	21.29	22.8	0
5	16QAM	12	7	21.25	21.31	21.29		
5	16QAM	12	13	21.23	21.32	21.32		
5	16QAM	25	0	21.20	21.42	21.18		
5	64QAM	1	0	21.21	21.39	21.36	22.8	0
5	64QAM	1	12	21.07	21.36	21.15		
5	64QAM	1	24	21.24	21.46	21.21		
5	64QAM	12	0	20.38	20.60	20.41	22	0.8
5	64QAM	12	7	20.42	20.60	20.46		
5	64QAM	12	13	20.53	20.50	20.34		
5	64QAM	25	0	20.48	20.57	20.38		
5	256QAM	1	0	18.55	18.58	18.47	20	2.8
5	256QAM	1	12	18.49	18.56	18.49		
5	256QAM	1	24	18.47	18.44	18.34		
5	256QAM	12	0	18.38	18.55	18.41	20	2.8
5	256QAM	12	7	18.34	18.65	18.43		
5	256QAM	12	13	18.39	18.55	18.37		
5	256QAM	25	0	18.48	18.52	18.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.56	21.53	21.75	21.56	21.45	22.8	0
20	QPSK	1	49	21.65	21.56	21.69	21.56	21.63		
20	QPSK	1	99	21.61	21.57	21.63	21.52	21.61		
20	QPSK	50	0	21.67	21.49	21.73	21.53	21.55	22.8	0
20	QPSK	50	24	21.63	21.55	21.71	21.54	21.62		
20	QPSK	50	50	21.59	21.50	21.69	21.55	21.63		
20	QPSK	100	0	21.57	21.47	21.71	21.50	21.60		
20	16QAM	1	0	21.64	21.54	21.70	21.59	21.54	22.8	0
20	16QAM	1	49	21.66	21.49	21.70	21.54	21.57		
20	16QAM	1	99	21.60	21.56	21.69	21.60	21.55		
20	16QAM	50	0	21.65	21.57	21.61	21.51	21.63	22.8	0
20	16QAM	50	24	21.65	21.57	21.61	21.56	21.53		
20	16QAM	50	50	21.60	21.58	21.69	21.59	21.59		
20	16QAM	100	0	21.64	21.51	21.61	21.55	21.64		
20	64QAM	1	0	21.57	21.56	21.61	21.57	21.56	22.8	0
20	64QAM	1	49	21.67	21.53	21.63	21.53	21.53		
20	64QAM	1	99	21.64	21.49	21.70	21.52	21.58		
20	64QAM	50	0	20.75	20.75	20.92	20.71	20.62	22	0.8
20	64QAM	50	24	20.90	20.76	20.93	20.76	20.80		
20	64QAM	50	50	20.81	20.73	20.80	20.73	20.85		
20	64QAM	100	0	20.88	20.75	20.88	20.71	20.75		
20	256QAM	1	0	18.74	18.71	18.91	18.80	18.66	20	2.8
20	256QAM	1	49	18.83	18.72	18.94	18.77	18.82		
20	256QAM	1	99	18.87	18.73	18.81	18.71	18.78		
20	256QAM	50	0	18.83	18.83	18.89	18.76	18.78	20	2.8
20	256QAM	50	24	18.78	18.72	18.88	18.77	18.84		
20	256QAM	50	50	18.80	18.72	18.93	18.70	18.85		
20	256QAM	100	0	18.73	18.72	18.91	18.64	18.75		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.51	21.43	21.55	21.41	21.31	23	0
15	QPSK	1	37	21.61	21.52	21.56	21.44	21.54		
15	QPSK	1	74	21.50	21.51	21.59	21.45	21.54		
15	QPSK	36	0	21.62	21.39	21.63	21.47	21.44	22.8	0
15	QPSK	36	20	21.51	21.46	21.61	21.46	21.55		
15	QPSK	36	39	21.43	21.37	21.63	21.42	21.56		
15	QPSK	75	0	21.49	21.34	21.56	21.42	21.48		
15	16QAM	1	0	21.53	21.45	21.58	21.54	21.50	22.8	0
15	16QAM	1	37	21.51	21.36	21.66	21.43	21.53		
15	16QAM	1	74	21.47	21.52	21.63	21.51	21.50		
15	16QAM	36	0	21.55	21.43	21.55	21.38	21.56	22.8	0
15	16QAM	36	20	21.51	21.52	21.48	21.48	21.47		
15	16QAM	36	39	21.46	21.49	21.62	21.54	21.50		
15	16QAM	75	0	21.53	21.37	21.45	21.41	21.51		
15	64QAM	1	0	21.48	21.51	21.53	21.51	21.51	22.8	0
15	64QAM	1	37	21.63	21.44	21.58	21.43	21.41		
15	64QAM	1	74	21.49	21.40	21.62	21.45	21.48		
15	64QAM	36	0	20.61	20.66	20.83	20.64	20.54	22	0.8
15	64QAM	36	20	20.84	20.68	20.77	20.70	20.72		
15	64QAM	36	39	20.76	20.59	20.75	20.59	20.70		
15	64QAM	75	0	20.80	20.61	20.79	20.59	20.65		
15	256QAM	1	0	18.65	18.65	18.79	18.66	18.53	20	2.8
15	256QAM	1	37	18.73	18.60	18.69	18.73	18.68		
15	256QAM	1	74	18.76	18.63	18.68	18.59	18.72		
15	256QAM	36	0	18.68	18.52	18.83	18.68	18.63	20	2.8
15	256QAM	36	20	18.67	18.56	18.76	18.67	18.73		
15	256QAM	36	39	18.67	18.64	18.87	18.65	18.69		
15	256QAM	75	0	18.62	18.58	18.87	18.51	18.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.44	21.47	21.60	21.48	21.31	23	0
10	QPSK	1	25	21.49	21.42	21.63	21.48	21.52		
10	QPSK	1	49	21.55	21.41	21.49	21.45	21.57		
10	QPSK	25	0	21.53	21.40	21.55	21.47	21.50	22.8	0
10	QPSK	25	12	21.51	21.43	21.63	21.46	21.53		
10	QPSK	25	25	21.50	21.44	21.62	21.50	21.49		
10	QPSK	50	0	21.48	21.32	21.55	21.38	21.51		
10	16QAM	1	0	21.51	21.40	21.63	21.50	21.41	22.8	0
10	16QAM	1	25	21.53	21.42	21.57	21.39	21.49		
10	16QAM	1	49	21.48	21.50	21.64	21.47	21.45		
10	16QAM	25	0	21.59	21.46	21.47	21.45	21.59	22.8	0
10	16QAM	25	12	21.59	21.43	21.48	21.47	21.49		
10	16QAM	25	25	21.45	21.47	21.63	21.47	21.46		
10	16QAM	50	0	21.54	21.43	21.50	21.45	21.56		
10	64QAM	1	0	21.44	21.47	21.48	21.48	21.41	22.8	0
10	64QAM	1	25	21.57	21.46	21.56	21.41	21.48		
10	64QAM	1	49	21.51	21.36	21.63	21.45	21.51		
10	64QAM	25	0	20.67	20.68	20.87	20.57	20.47	22	0.8
10	64QAM	25	12	20.80	20.67	20.78	20.71	20.75		
10	64QAM	25	25	20.72	20.65	20.68	20.57	20.79		
10	64QAM	50	0	20.74	20.67	20.75	20.63	20.69		
10	256QAM	1	0	18.70	18.65	18.80	18.74	18.60	20	2.8
10	256QAM	1	25	18.76	18.59	18.79	18.66	18.73		
10	256QAM	1	49	18.76	18.68	18.73	18.56	18.67		
10	256QAM	25	0	18.72	18.59	18.79	18.67	18.74	20	2.8
10	256QAM	25	12	18.68	18.60	18.80	18.66	18.68		
10	256QAM	25	25	18.67	18.67	18.81	18.64	18.75		
10	256QAM	50	0	18.67	18.55	18.78	18.53	18.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.43	21.43	21.64	21.47	21.39	23	0
5	QPSK	1	12	21.59	21.45	21.53	21.49	21.48		
5	QPSK	1	24	21.55	21.46	21.53	21.38	21.53		
5	QPSK	12	0	21.63	21.41	21.55	21.40	21.48	22.8	0
5	QPSK	12	7	21.59	21.51	21.61	21.39	21.46		
5	QPSK	12	13	21.53	21.39	21.54	21.48	21.53		
5	QPSK	25	0	21.45	21.35	21.64	21.39	21.53		
5	16QAM	1	0	21.50	21.39	21.55	21.47	21.47	22.8	0
5	16QAM	1	12	21.55	21.39	21.57	21.40	21.45		
5	16QAM	1	24	21.55	21.44	21.62	21.47	21.47		
5	16QAM	12	0	21.61	21.42	21.47	21.38	21.52	22.8	0
5	16QAM	12	7	21.51	21.52	21.48	21.42	21.42		
5	16QAM	12	13	21.49	21.40	21.53	21.51	21.45		
5	16QAM	25	0	21.59	21.36	21.50	21.40	21.51		
5	64QAM	1	0	21.45	21.47	21.46	21.45	21.42	22.8	0
5	64QAM	1	12	21.53	21.45	21.56	21.45	21.48		
5	64QAM	1	24	21.49	21.34	21.64	21.40	21.49		
5	64QAM	12	0	20.67	20.60	20.81	20.55	20.53	22	0.8
5	64QAM	12	7	20.75	20.71	20.82	20.61	20.75		
5	64QAM	12	13	20.67	20.66	20.66	20.61	20.73		
5	64QAM	25	0	20.82	20.59	20.77	20.67	20.67		
5	256QAM	1	0	18.65	18.58	18.82	18.70	18.56	20	2.8
5	256QAM	1	12	18.68	18.61	18.78	18.62	18.74		
5	256QAM	1	24	18.81	18.65	18.69	18.66	18.63		
5	256QAM	12	0	18.72	18.58	18.83	18.72	18.66	20	2.8
5	256QAM	12	7	18.68	18.58	18.74	18.64	18.69		
5	256QAM	12	13	18.74	18.66	18.77	18.60	18.73		
5	256QAM	25	0	18.60	18.66	18.78	18.50	18.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.28	23.20	23.35	23.23	23.13	24.4	0
20	QPSK	1	49	23.30	23.27	23.23	23.24	23.14		
20	QPSK	1	99	23.31	23.19	23.25	23.18	23.21		
20	QPSK	50	0	23.20	23.19	23.31	23.15	23.19	24.4	0
20	QPSK	50	24	23.19	23.21	23.29	23.23	23.25		
20	QPSK	50	50	23.22	23.28	23.28	23.15	23.19		
20	QPSK	100	0	23.22	23.24	23.30	23.17	23.21		
20	16QAM	1	0	23.30	23.25	23.25	23.25	23.23	24.4	0
20	16QAM	1	49	23.24	23.21	23.25	23.22	23.16		
20	16QAM	1	99	23.27	23.18	23.26	23.18	23.17		
20	16QAM	50	0	23.25	23.28	23.29	23.22	23.22		
20	16QAM	50	24	23.20	23.21	23.25	23.18	23.18		
20	16QAM	50	50	23.26	23.27	23.27	23.16	23.16		
20	16QAM	100	0	23.26	23.24	23.27	23.21	23.18		
20	64QAM	1	0	23.22	23.27	23.24	23.27	23.15	24.4	0
20	64QAM	1	49	23.30	23.29	23.34	23.26	23.20		
20	64QAM	1	99	23.22	23.26	23.26	23.16	23.23		
20	64QAM	50	0	22.78	22.77	22.78	22.75	22.68	24	0.4
20	64QAM	50	24	22.72	22.73	22.80	22.75	22.69		
20	64QAM	50	50	22.79	22.68	22.77	22.67	22.65		
20	64QAM	100	0	22.73	22.73	22.79	22.67	22.67		
20	256QAM	1	0	21.18	21.12	21.23	21.06	21.15	22	2.4
20	256QAM	1	49	21.21	21.10	21.16	21.16	21.07		
20	256QAM	1	99	21.16	21.09	21.15	21.05	21.13		
20	256QAM	50	0	21.18	21.17	21.17	21.15	21.04	22	2.4
20	256QAM	50	24	21.14	21.10	21.25	21.09	21.05		
20	256QAM	50	50	21.11	21.09	21.17	21.14	21.10		
20	256QAM	100	0	21.00	21.08	21.20	21.07	21.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.22	23.07	23.20	23.10	23.00	24	0
15	QPSK	1	37	23.19	23.17	23.15	23.18	22.98		
15	QPSK	1	74	23.15	23.11	23.14	23.08	23.07		
15	QPSK	36	0	23.04	23.13	23.18	23.04	23.11	24.4	0
15	QPSK	36	20	23.08	23.15	23.13	23.19	23.10		
15	QPSK	36	39	23.11	23.19	23.14	23.05	23.04		
15	QPSK	75	0	23.07	23.16	23.17	23.09	23.15		
15	16QAM	1	0	23.15	23.11	23.18	23.15	23.14	24.4	0
15	16QAM	1	37	23.10	23.12	23.11	23.17	23.11		
15	16QAM	1	74	23.16	23.13	23.17	23.12	23.06		
15	16QAM	36	0	23.16	23.16	23.20	23.11	23.14	24.4	0
15	16QAM	36	20	23.12	23.12	23.18	23.06	23.02		
15	16QAM	36	39	23.13	23.22	23.19	23.04	23.02		
15	16QAM	75	0	23.16	23.13	23.12	23.05	23.07		
15	64QAM	1	0	23.15	23.22	23.17	23.11	23.06	24.4	0
15	64QAM	1	37	23.21	23.24	23.27	23.15	23.04		
15	64QAM	1	74	23.17	23.14	23.14	23.11	23.16		
15	64QAM	36	0	22.64	22.73	22.67	22.62	22.53	24	0.4
15	64QAM	36	20	22.67	22.60	22.74	22.70	22.57		
15	64QAM	36	39	22.64	22.57	22.62	22.58	22.59		
15	64QAM	75	0	22.66	22.62	22.72	22.56	22.59		
15	256QAM	1	0	21.07	21.03	21.08	20.97	21.04	22	2.4
15	256QAM	1	37	21.14	21.02	21.06	21.05	20.94		
15	256QAM	1	74	21.10	20.93	21.08	20.90	21.01		
15	256QAM	36	0	21.03	21.06	21.01	21.01	20.91	22	2.4
15	256QAM	36	20	21.08	21.05	21.01	21.03	20.95		
15	256QAM	36	39	20.98	20.97	21.10	21.05	21.03		
15	256QAM	75	0	20.94	20.99	21.15	20.95	20.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.23	23.05	23.14	23.09	22.99	24	0
10	QPSK	1	25	23.18	23.13	23.19	23.09	22.99		
10	QPSK	1	49	23.26	23.11	23.15	23.08	23.13		
10	QPSK	25	0	23.13	23.11	23.17	23.03	23.06	24.4	0
10	QPSK	25	12	23.10	23.10	23.22	23.14	23.15		
10	QPSK	25	25	23.09	23.13	23.24	23.03	23.06		
10	QPSK	50	0	23.15	23.11	23.18	23.09	23.15		
10	16QAM	1	0	23.25	23.11	23.20	23.20	23.12	24.4	0
10	16QAM	1	25	23.10	23.16	23.11	23.12	23.03		
10	16QAM	1	49	23.13	23.07	23.23	23.06	23.10		
10	16QAM	25	0	23.16	23.16	23.15	23.14	23.07	24.4	0
10	16QAM	25	12	23.07	23.17	23.20	23.03	23.11		
10	16QAM	25	25	23.17	23.22	23.14	23.03	23.07		
10	16QAM	50	0	23.15	23.08	23.22	23.11	23.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.26	22.27	22.18	24	0
20	QPSK	1	49	22.18	22.23	22.11		
20	QPSK	1	99	22.16	22.19	22.10		
20	QPSK	50	0	21.22	21.35	21.23	23	1
20	QPSK	50	24	21.12	21.32	21.20		
20	QPSK	50	50	21.10	21.27	21.07		
20	QPSK	100	0	21.24	21.33	21.21		
20	16QAM	1	0	21.15	21.31	21.22		
20	16QAM	1	49	21.12	21.24	21.20	23	1
20	16QAM	1	99	21.19	21.22	21.12		
20	16QAM	50	0	20.28	20.30	20.19		
20	16QAM	50	24	20.12	20.18	20.17	22	2
20	16QAM	50	50	20.01	20.28	20.06		
20	16QAM	100	0	20.12	20.28	20.19		
20	64QAM	1	0	20.23	20.34	20.15		
20	64QAM	1	49	20.24	20.32	20.11	22	2
20	64QAM	1	99	20.04	20.19	20.11		
20	64QAM	50	0	19.27	19.34	19.30		
20	64QAM	50	24	19.15	19.30	19.16	21	3
20	64QAM	50	50	19.07	19.20	19.00		
20	64QAM	100	0	19.14	19.29	19.29		
20	256QAM	1	0	17.22	17.38	17.22	19	5
20	256QAM	1	49	17.09	17.22	17.24		
20	256QAM	1	99	17.10	17.18	17.04		
20	256QAM	50	0	17.12	17.33	17.25	19	5
20	256QAM	50	24	17.22	17.29	17.20		
20	256QAM	50	50	17.08	17.31	17.22		
20	256QAM	100	0	17.17	17.24	17.15		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.20	22.25	22.15	24	0
15	QPSK	1	37	22.14	22.20	22.05		
15	QPSK	1	74	22.10	22.13	22.08		
15	QPSK	36	0	21.15	21.25	21.19	23	1
15	QPSK	36	20	21.09	21.26	21.14		
15	QPSK	36	39	21.06	21.20	21.01		
15	QPSK	75	0	21.22	21.31	21.14		
15	16QAM	1	0	21.10	21.24	21.16		
15	16QAM	1	37	21.09	21.20	21.12	23	1
15	16QAM	1	74	21.11	21.18	21.09		
15	16QAM	36	0	20.20	20.25	20.13		
15	16QAM	36	20	20.08	20.14	20.13	22	2
15	16QAM	36	39	20.04	20.26	20.02		
15	16QAM	75	0	20.06	20.23	20.21		
15	64QAM	1	0	20.20	20.29	20.12		
15	64QAM	1	37	20.17	20.30	20.04	22	2
15	64QAM	1	74	20.06	20.12	20.03		
15	64QAM	36	0	19.24	19.29	19.24		
15	64QAM	36	20	19.10	19.24	19.10	21	3
15	64QAM	36	39	19.03	19.16	19.05		
15	64QAM	75	0	19.11	19.23	19.26		
15	256QAM	1	0	17.17	17.32	17.18	19	5
15	256QAM	1	37	17.01	17.17	17.18		
15	256QAM	1	74	17.04	17.15	17.13		
15	256QAM	36	0	17.05	17.27	17.21	19	5
15	256QAM	36	20	17.15	17.23	17.13		
15	256QAM	36	39	17.02	17.28	17.17		
15	256QAM	75	0	17.12	17.18	17.11		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.20	22.24	22.11	24	0
10	QPSK	1	25	22.13	22.20	22.09		
10	QPSK	1	49	22.13	22.16	22.07		
10	QPSK	25	0	21.19	21.27	21.16	23	1
10	QPSK	25	12	21.08	21.25	21.15		
10	QPSK	25	25	21.03	21.24	21.05		
10	QPSK	50	0	21.16	21.28	21.18		
10	16QAM	1	0	21.08	21.26	21.18		
10	16QAM	1	25	21.06	21.17	21.17	23	1
10	16QAM	1	49	21.17	21.20	21.07		
10	16QAM	25	0	20.24	20.22	20.16		
10	16QAM	25	12	20.06	20.11	20.12	22	2
10	16QAM	25	25	20.07	20.23	20.01		
10	16QAM	50	0	20.08	20.25	20.23		
10	64QAM	1	0	20.16	20.30	20.09		
10	64QAM	1	25	20.17	20.27	20.07	22	2
10	64QAM	1	49	20.05	20.12	20.06		
10	64QAM	25	0	19.24	19.27	19.24		
10	64QAM	25	12	19.08	19.28	19.11	21	3
10	64QAM	25	25	19.03	19.17	19.06		
10	64QAM	50	0	19.09	19.21	19.25		
10	256QAM	1	0	17.19	17.30	17.14	19	5
10	256QAM	1	25	17.03	17.20	17.19		
10	256QAM	1	49	17.06	17.11	17.15		
10	256QAM	25	0	17.07	17.27	17.22	19	5
10	256QAM	25	12	17.26	17.16	17.14		
10	256QAM	25	25	17.05	17.25	17.14		
10	256QAM	50	0	17.12	17.17	17.07		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.18	22.23	22.13	24	0
5	QPSK	1	12	22.11	22.20	22.03		
5	QPSK	1	24	22.13	22.12	22.05		
5	QPSK	12	0	21.16	21.27	21.19	23	1
5	QPSK	12	7	21.05	21.25	21.15		
5	QPSK	12	13	21.04	21.20	21.01		
5	QPSK	25	0	21.19	21.30	21.14		
5	16QAM	1	0	21.10	21.24	21.18		
5	16QAM	1	12	21.08	21.19	21.15	23	1
5	16QAM	1	24	21.16	21.22	21.04		
5	16QAM	12	0	20.21	20.22	20.16		
5	16QAM	12	7	20.04	20.16	20.14	22	2
5	16QAM	12	13	20.05	20.25	20.02		
5	16QAM	25	0	20.08	20.22	20.21		
5	64QAM	1	0	20.16	20.32	20.11		
5	64QAM	1	12	20.14	20.27	20.07	22	2
5	64QAM	1	24	20.02	20.15	20.09		
5	64QAM	12	0	19.20	19.30	19.25		
5	64QAM	12	7	19.08	19.23	19.12	21	3
5	64QAM	12	13	19.03	19.13	19.05		
5	64QAM	25	0	19.11	19.21	19.27		
5	256QAM	1	0	17.17	17.32	17.15	19	5
5	256QAM	1	12	17.06	17.20	17.19		
5	256QAM	1	24	17.03	17.16	17.02		
5	256QAM	12	0	17.09	17.29	17.20	19	5
5	256QAM	12	7	17.20	17.24	17.17		
5	256QAM	12	13	17.02	17.25	17.19		
5	256QAM	25	0	17.13	17.19	17.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.89	21.93	21.86	22.8	0
20	QPSK	1	49	21.80	21.89	21.79		
20	QPSK	1	99	21.78	21.87	21.73		
20	QPSK	50	0	20.90	20.91	20.83	22	0.8
20	QPSK	50	24	20.81	20.90	20.77		
20	QPSK	50	50	20.77	20.81	20.67		
20	QPSK	100	0	20.85	20.90	20.81		
20	16QAM	1	0	20.92	20.99	20.86		
20	16QAM	1	49	20.75	20.92	20.78	22	0.8
20	16QAM	1	99	20.76	20.92	20.77		
20	16QAM	50	0	19.92	19.99	19.78		
20	16QAM	50	24	19.83	19.89	19.80	21	1.8
20	16QAM	50	50	19.81	19.79	19.71		
20	16QAM	100	0	19.87	19.89	19.86		
20	64QAM	1	0	19.97	19.94	19.85		
20	64QAM	1	49	19.75	19.94	19.74	21	1.8
20	64QAM	1	99	19.77	19.90	19.76		
20	64QAM	50	0	18.90	18.91	18.88		
20	64QAM	50	24	18.76	18.90	18.76	20	2.8
20	64QAM	50	50	18.79	18.83	18.82		
20	64QAM	100	0	18.89	18.89	18.91		
20	256QAM	1	0	16.91	16.88	16.87	18	4.8
20	256QAM	1	49	16.77	16.94	16.82		
20	256QAM	1	99	16.80	16.81	16.69		
20	256QAM	50	0	16.89	16.96	16.87	18	4.8
20	256QAM	50	24	16.87	16.94	16.81		
20	256QAM	50	50	16.79	16.95	16.82		
20	256QAM	100	0	16.71	16.94	16.78		
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.80	21.80	22.8	0
15	QPSK	1	37	21.70	21.80	21.68		
15	QPSK	1	74	21.70	21.74	21.64		
15	QPSK	36	0	20.82	20.81	20.80	22	0.8
15	QPSK	36	20	20.70	20.85	20.64		
15	QPSK	36	39	20.73	20.77	20.58		
15	QPSK	75	0	20.79	20.86	20.78		
15	16QAM	1	0	20.88	20.87	20.77		
15	16QAM	1	37	20.73	20.81	20.67	22	0.8
15	16QAM	1	74	20.86	20.83	20.65		
15	16QAM	36	0	19.85	19.83	19.66		
15	16QAM	36	20	19.81	19.75	19.69	21	1.8
15	16QAM	36	39	19.76	19.67	19.66		
15	16QAM	75	0	19.83	19.84	19.75		
15	64QAM	1	0	19.87	19.80	19.82		
15	64QAM	1	37	19.72	19.85	19.61	21	1.8
15	64QAM	1	74	19.79	19.81	19.72		
15	64QAM	36	0	18.87	18.88	18.79		
15	64QAM	36	20	18.68	18.85	18.67	20	2.8
15	64QAM	36	39	18.73	18.80	18.50		
15	64QAM	75	0	18.83	18.76	18.83		
15	256QAM	1	0	16.79	16.85	16.81	18	4.8
15	256QAM	1	37	16.66	16.86	16.80		
15	256QAM	1	74	16.76	16.70	16.64		
15	256QAM	36	0	16.80	16.83	16.82		
15	256QAM	36	20	16.62	16.91	16.73	18	4.8
15	256QAM	36	39	16.73	16.86	16.71		
15	256QAM	75	0	16.57	16.91	16.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.79	21.89	21.76	22.8	0
10	QPSK	1	25	21.77	21.83	21.67		
10	QPSK	1	49	21.69	21.77	21.64		
10	QPSK	25	0	20.86	20.84	20.70	22	0.8
10	QPSK	25	12	20.75	20.80	20.68		
10	QPSK	25	25	20.73	20.74	20.59		
10	QPSK	50	0	20.80	20.80	20.81		
10	16QAM	1	0	20.86	20.86	20.78		
10	16QAM	1	25	20.62	20.80	20.67	22	0.8
10	16QAM	1	49	20.66	20.87	20.68		
10	16QAM	25	0	19.81	19.76	19.68		
10	16QAM	25	12	19.71	19.85	19.76	21	1.8
10	16QAM	25	25	19.77	19.67	19.65		
10	16QAM	50	0	19.84	19.86	19.81		
10	64QAM	1	0	19.91	19.80	19.78		
10	64QAM	1	25	19.65	19.80	19.71	21	1.8
10	64QAM	1	49	19.69	19.87	19.63		
10	64QAM	25	0	18.87	18.87	18.81		
10	64QAM	25	12	18.68	18.87	18.68	20	2.8
10	64QAM	25	25	18.67	18.76	18.56		
10	64QAM	50	0	18.85	18.77	18.82		
10	256QAM	1	0	16.79	16.85	16.83	18	4.8
10	256QAM	1	25	16.63	16.87	16.76		
10	256QAM	1	49	16.67	16.70	16.62		
10	256QAM	25	0	16.83	16.85	16.75	18	4.8
10	256QAM	25	12	16.79	16.80	16.77		
10	256QAM	25	25	16.67	16.84	16.74		
10	256QAM	50	0	16.59	16.83	16.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.72	22.8	0
5	QPSK	1	12	21.72	21.84	21.65		
5	QPSK	1	24	21.74	21.74	21.61		
5	QPSK	12	0	20.78	20.85	20.69	22	0.8
5	QPSK	12	7	20.73	20.83	20.74		
5	QPSK	12	13	20.68	20.79	20.54		
5	QPSK	25	0	20.80	20.86	20.82		
5	16QAM	1	0	20.78	20.78	20.74		
5	16QAM	1	12	20.65	20.78	20.65	22	0.8
5	16QAM	1	24	20.70	20.80	20.74		
5	16QAM	12	0	19.81	19.76	19.69		
5	16QAM	12	7	19.69	19.87	19.71	21	1.8
5	16QAM	12	13	19.72	19.84	19.64		
5	16QAM	25	0	19.77	19.83	19.80		
5	64QAM	1	0	19.86	19.90	19.77		
5	64QAM	1	12	19.70	19.85	19.74	21	1.8
5	64QAM	1	24	19.69	19.85	19.67		
5	64QAM	12	0	18.79	18.85	18.75		
5	64QAM	12	7	18.66	18.77	18.68	20	2.8
5	64QAM	12	13	18.69	18.69	18.55		
5	64QAM	25	0	18.81	18.76	18.78		
5	256QAM	1	0	16.82	16.80	16.78	18	4.8
5	256QAM	1	12	16.66	16.89	16.76		
5	256QAM	1	24	16.75	16.67	16.58		
5	256QAM	12	0	16.85	16.88	16.77	18	4.8
5	256QAM	12	7	16.77	16.91	16.77		
5	256QAM	12	13	16.70	16.86	16.71		
5	256QAM	25	0	16.60	16.85	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44000	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.31	22.41	22.31	24	0
20	QPSK	1	49	22.12	22.32	22.23		
20	QPSK	1	99	22.15	22.27	22.22		
20	QPSK	50	0	21.28	21.38	21.19	23	1
20	QPSK	50	24	21.12	21.23	21.26		
20	QPSK	50	50	21.14	21.34	21.28		
20	QPSK	100	0	21.26	21.42	21.31		
20	16QAM	1	0	21.27	21.24	21.32		
20	16QAM	1	49	21.14	21.44	21.20	23	1
20	16QAM	1	99	21.16	21.34	21.19		
20	16QAM	50	0	20.29	20.37	20.21		
20	16QAM	50	24	20.10	20.22	20.23	22	2
20	16QAM	50	50	20.13	20.30	20.28		
20	16QAM	100	0	20.30	20.24	20.39		
20	64QAM	1	0	20.25	20.34	20.32		
20	64QAM	1	49	20.22	20.44	20.27	22	2
20	64QAM	1	99	20.21	20.33	20.23		
20	64QAM	50	0	19.31	19.38	19.31		
20	64QAM	50	24	19.11	19.25	19.28	21	3
20	64QAM	50	50	19.18	19.27	19.20		
20	64QAM	100	0	19.23	19.26	19.35		
20	256QAM	1	0	17.34	17.43	17.24	19	5
20	256QAM	1	49	17.12	17.30	17.16		
20	256QAM	1	99	17.19	17.23	17.34		
20	256QAM	50	0	17.25	17.29	17.36	19	5
20	256QAM	50	24	17.27	17.32	17.33		
20	256QAM	50	50	17.23	17.39	17.23		
20	256QAM	100	0	17.12	17.38	17.20		
Channel				43665	44000	44315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.18	22.30	22.19	24	0
15	QPSK	1	37	22.05	22.23	22.13		
15	QPSK	1	74	22.05	22.16	22.12		
15	QPSK	36	0	21.18	21.29	21.09	23	1
15	QPSK	36	20	21.03	21.14	21.13		
15	QPSK	36	39	21.06	21.22	21.19		
15	QPSK	75	0	21.17	21.34	21.21		
15	16QAM	1	0	21.15	21.13	21.22		
15	16QAM	1	37	21.02	21.34	21.09	23	1
15	16QAM	1	74	21.09	21.21	21.10		
15	16QAM	36	0	20.16	20.27	20.11		
15	16QAM	36	20	20.02	20.10	20.12	22	2
15	16QAM	36	39	20.01	20.18	20.20		
15	16QAM	75	0	20.22	20.23	20.27		
15	64QAM	1	0	20.17	20.27	20.21		
15	64QAM	1	37	20.13	20.33	20.18	22	2
15	64QAM	1	74	20.13	20.21	20.10		
15	64QAM	36	0	19.23	19.26	19.23		
15	64QAM	36	20	19.03	19.12	19.16	21	3
15	64QAM	36	39	19.11	19.18	19.08		
15	64QAM	75	0	19.10	19.17	19.27		
15	256QAM	1	0	17.21	17.30	17.14	19	5
15	256QAM	1	37	17.02	17.22	17.07		
15	256QAM	1	74	17.09	17.15	17.24		
15	256QAM	36	0	17.13	17.18	17.23	19	5
15	256QAM	36	20	17.16	17.24	17.22		
15	256QAM	36	39	17.11	17.26	17.16		
15	256QAM	75	0	17.04	17.30	17.11		
Channel				43640	44000	44360	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.20	22.32	22.20	24	0
10	QPSK	1	25	22.00	22.19	22.10		
10	QPSK	1	49	22.02	22.20	22.12		
10	QPSK	25	0	21.21	21.29	21.08	23	1
10	QPSK	25	12	21.03	21.15	21.16		
10	QPSK	25	25	21.02	21.22	21.17		
10	QPSK	50	0	21.16	21.32	21.20		
10	16QAM	1	0	21.19	21.13	21.19		
10	16QAM	1	25	21.06	21.36	21.09	23	1
10	16QAM	1	49	21.08	21.23	21.08		
10	16QAM	25	0	20.16	20.26	20.14		
10	16QAM	25	12	20.01	20.10	20.14	22	2
10	16QAM	25	25	20.06	20.19	20.17		
10	16QAM	50	0	20.03	20.32	20.22		
10	64QAM	1	0	20.17	20.22	20.24		
10	64QAM	1	25	20.10	20.34	20.18	22	2
10	64QAM	1	49	20.12	20.25	20.12		
10	64QAM	25	0	19.24	19.27	19.20		
10	64QAM	25	12	19.04	19.13	19.20	21	3
10	64QAM	25	25	19.08	19.17	19.11		
10	64QAM	50	0	19.13	19.13	19.27		
10	256QAM	1	0	17.25	17.35	17.15	19	5
10	256QAM	1	25	17.04	17.20	17.04		
10	256QAM	1	49	17.08	17.11	17.23		
10	256QAM	25	0	17.15	17.29	17.28	19	5
10	256QAM	25	12	17.20	17.24	17.22		
10	256QAM	25	25	17.14	17.29	17.13		
10	256QAM	50	0	17.09	17.26	17.11		
Channel				43615	44000	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.20	22.30	22.22	24	0
5	QPSK	1	12	22.01	22.21	22.18		
5	QPSK	1	24	22.03	22.19	22.11		
5	QPSK	12	0	21.17	21.33	21.09	23	1
5	QPSK	12	7	21.01	21.18	21.14		
5	QPSK	12	13	21.07	21.24	21.18		
5	QPSK	25	0	21.17	21.34	21.20		
5	16QAM	1	0	21.20	21.14	21.18		
5	16QAM	1	12	21.02	21.35	21.13	23	1
5	16QAM	1	24	21.07	21.22	21.12		
5	16QAM	12	0	20.20	20.26	20.12		
5	16QAM	12	7	20.01	20.11	20.13	22	2
5	16QAM	12	13	20.03	20.23	20.19		
5	16QAM	25	0	20.21	20.22	20.27		
5	64QAM	1	0	20.17	20.25	20.20		
5	64QAM	1	12	20.11	20.26	20.16	22	2
5	64QAM	1	24	20.09	20.25	20.10		
5	64QAM	12	0	19.19	19.26	19.21		
5	64QAM	12	7	19.02	19.12	19.15	21	3
5	64QAM	12	13	19.05	19.19	19.10		
5	64QAM	25	0	19.14	19.18	19.24		
5	256QAM	1	0	17.23	17.33	17.17	19	5
5	256QAM	1	12	17.04	17.17	17.05		
5	256QAM	1	24	17.07	17.12	17.21		
5	256QAM	12	0	17.14	17.16	17.28	19	5
5	256QAM	12	7	17.17	17.19	17.23		
5	256QAM	12	13	17.11	17.28	17.12		
5	256QAM	25	0	17.01	17.26	17.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.49	23.51	23.45	23.43	24	0
20	QPSK	1	49	23.41	23.46	23.38	23.30		
20	QPSK	1	99	23.41	23.44	23.38	23.35		
20	QPSK	50	0	22.52	22.56	22.43	22.39	23	1
20	QPSK	50	24	22.41	22.44	22.38	22.30		
20	QPSK	50	50	22.47	22.44	22.38	22.35		
20	QPSK	100	0	22.51	22.54	22.55	22.47		
20	16QAM	1	0	22.44	22.47	22.50	22.48		
20	16QAM	1	49	22.38	22.48	22.33	22.24	23	1
20	16QAM	1	99	22.41	22.39	22.41

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.35	22.45	22.42	24.1	0
20	QPSK	1	49	22.38	22.32	22.23		
20	QPSK	1	99	22.42	22.42	22.36		
20	QPSK	50	0	22.46	22.50	22.35	24	0.1
20	QPSK	50	24	22.32	22.27	22.35		
20	QPSK	50	50	22.42	22.37	22.29		
20	16QAM	100	0	22.34	22.44	22.39		
20	16QAM	1	0	22.22	22.17	22.33		
20	16QAM	1	49	22.29	22.26	22.42	24	0.1
20	16QAM	1	99	22.24	22.25	22.24		
20	16QAM	50	0	21.14	21.18	21.19	23	1.1
20	16QAM	50	24	21.29	21.20	21.20		
20	16QAM	50	50	21.30	21.30	21.36		
20	16QAM	100	0	21.21	21.24	21.28		
20	64QAM	1	0	21.35	21.32	21.27	23	1.1
20	64QAM	1	49	21.30	21.29	21.38		
20	64QAM	1	99	21.21	21.25	21.24		
20	64QAM	50	0	20.20	20.34	20.33	22	2.1
20	64QAM	50	24	20.26	20.22	20.24		
20	64QAM	50	50	20.44	20.37	20.33		
20	64QAM	100	0	20.32	20.28	20.37		
20	256QAM	1	0	18.31	18.25	18.27	20	4.1
20	256QAM	1	49	18.34	18.27	18.33		
20	256QAM	1	99	18.25	18.32	18.25		
20	256QAM	50	0	18.32	18.30	18.33	20	4.1
20	256QAM	50	24	18.33	18.19	18.31		
20	256QAM	50	50	18.19	18.28	18.24		
20	256QAM	100	0	18.33	18.32	18.34		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.32	22.33	22.29	24.1	0
15	QPSK	1	37	22.29	22.18	22.21		
15	QPSK	1	74	22.32	22.34	22.29		
15	QPSK	36	0	22.37	22.36	22.33	24	0.1
15	QPSK	36	20	22.23	22.18	22.24		
15	QPSK	36	39	22.25	22.32	22.16		
15	QPSK	75	0	22.26	22.34	22.22		
15	16QAM	1	0	22.16	22.14	22.14	24	0.1
15	16QAM	1	37	22.24	22.13	22.25		
15	16QAM	1	74	22.15	22.20	22.19		
15	16QAM	36	0	21.00	21.11	21.12	23	1.1
15	16QAM	36	20	21.11	21.09	21.07		
15	16QAM	36	39	21.25	21.15	21.21		
15	16QAM	75	0	21.09	21.20	21.20		
15	64QAM	1	0	21.27	21.25	21.21	23	1.1
15	64QAM	1	37	21.20	21.13	21.28		
15	64QAM	1	74	21.05	21.18	21.08		
15	64QAM	36	0	20.15	20.18	20.20	22	2.1
15	64QAM	36	20	20.10	20.17	20.18		
15	64QAM	36	39	20.28	20.35	20.22		
15	64QAM	75	0	20.21	20.19	20.30		
15	256QAM	1	0	18.16	18.12	18.14	20	4.1
15	256QAM	1	37	18.22	18.21	18.23		
15	256QAM	1	74	18.17	18.22	18.07		
15	256QAM	36	0	18.20	18.21	18.21	20	4.1
15	256QAM	36	20	18.21	18.10	18.21		
15	256QAM	36	39	18.11	18.15	18.20		
15	256QAM	75	0	18.25	18.13	18.19		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.31	22.43	22.35	24.1	0
10	QPSK	1	25	22.24	22.27	22.25		
10	QPSK	1	49	22.41	22.38	22.31		
10	QPSK	25	0	22.38	22.33	22.26	24	0.1
10	QPSK	25	12	22.24	22.18	22.23		
10	QPSK	25	25	22.25	22.27	22.18		
10	QPSK	50	0	22.32	22.37	22.26		
10	16QAM	1	0	22.17	22.14	22.33	24	0.1
10	16QAM	1	25	22.21	22.11	22.32		
10	16QAM	1	49	22.08	22.17	22.15		
10	16QAM	25	0	21.09	21.09	21.09	23	1.1
10	16QAM	25	12	21.15	21.06	21.18		
10	16QAM	25	25	21.24	21.20	21.19		
10	16QAM	50	0	21.19	21.19	21.19		
10	64QAM	1	0	21.28	21.23	21.23	23	1.1
10	64QAM	1	25	21.16	21.21	21.30		
10	64QAM	1	49	21.11	21.17	21.08		
10	64QAM	25	0	20.08	20.20	20.15	22	2.1
10	64QAM	25	12	20.21	20.07	20.14		
10	64QAM	25	25	20.27	20.31	20.25		
10	64QAM	50	0	20.27	20.14	20.24		
10	256QAM	1	0	18.25	18.21	18.24	20	4.1
10	256QAM	1	25	18.24	18.17	18.26		
10	256QAM	1	49	18.12	18.22	18.16		
10	256QAM	25	0	18.18	18.23	18.20	20	4.1
10	256QAM	25	12	18.21	18.15	18.13		
10	256QAM	25	25	18.14	18.14	18.12		
10	256QAM	50	0	18.17	18.22	18.17		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.29	22.43	22.28	24.1	0
5	QPSK	1	12	22.28	22.25	22.16		
5	QPSK	1	24	22.39	22.37	22.37		
5	QPSK	12	0	22.29	22.32	22.32	24	0.1
5	QPSK	12	7	22.17	22.19	22.24		
5	QPSK	12	13	22.24	22.27	22.19		
5	QPSK	25	0	22.28	22.33	22.22		
5	16QAM	1	0	22.23	22.14	22.18	24	0.1
5	16QAM	1	12	22.14	22.18	22.28		
5	16QAM	1	24	22.12	22.13	22.10		
5	16QAM	12	0	21.05	21.08	21.12	23	1.1
5	16QAM	12	7	21.12	21.13	21.12		
5	16QAM	12	13	21.22	21.21	21.16		
5	16QAM	25	0	21.10	21.13	21.15		
5	64QAM	1	0	21.24	21.16	21.25	23	1.1
5	64QAM	1	12	21.17	21.15	21.28		
5	64QAM	1	24	21.15	21.12	21.17		
5	64QAM	12	0	20.19	20.25	20.23	22	2.1
5	64QAM	12	7	20.16	20.13	20.20		
5	64QAM	12	13	20.34	20.33	20.33		
5	64QAM	25	0	20.22	20.17	20.32		
5	256QAM	1	0	18.14	18.19	18.25	20	4.1
5	256QAM	1	12	18.26	18.21	18.24		
5	256QAM	1	24	18.17	18.13	18.18		
5	256QAM	12	0	18.29	18.18	18.22		
5	256QAM	12	7	18.17	18.08	18.19	20	4.1
5	256QAM	12	13	18.11	18.18	18.21		
5	256QAM	25	0	18.19	18.17	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.93	22.95	22.92	24	0
20	QPSK	1	49	22.87	22.92	22.89		
20	QPSK	1	99	22.80	22.89	22.79		
20	QPSK	50	0	21.95	21.99	21.89	23	1
20	QPSK	50	24	21.85	21.92	21.89		
20	QPSK	50	50	21.83	21.83	21.74		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	21.88	21.91	21.89	23	1
20	16QAM	1	49	21.86	21.89	21.90		
20	16QAM	1	99	21.84	21.90	21.84		
20	16QAM	50	0	20.99	20.96	20.94	22	2
20	16QAM	50	24	20.83	20.90	20.90		
20	16QAM	50	50	20.86	20.79	20.73		
20	16QAM	100	0	20.96	20.95	20.95		
20	64QAM	1	0	20.89	20.87	20.87	22	2
20	64QAM	1	49	20.80	20.85	20.88		
20	64QAM	1	99	20.88	20.95	20.81		
20	64QAM	50	0	19.95	20.00	19.92	21	3
20	64QAM	50	24	19.85	19.94	19.90		
20	64QAM	50	50	19.84	19.85	19.76		
20	64QAM	100	0	19.93	19.96	19.88		
20	256QAM	1	0	17.97	17.99	17.87	19	5
20	256QAM	1	49	17.85	17.87	17.84		
20	256QAM	1	99	17.82	17.84	17.68		
20	256QAM	50	0	17.91	17.90	17.88	19	5
20	256QAM	50	24	17.86	17.93	17.89		
20	256QAM	50	50	17.85	17.95	17.87		
20	256QAM	100	0	17.85	17.88	17.79		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.84	22.88	22.87	24	0
15	QPSK	1	37	22.74	22.83	22.84		
15	QPSK	1	74	22.88	22.80	22.70		
15	QPSK	36	0	21.93	21.88	21.87	23	1
15	QPSK	36	20	21.75	21.81	21.84		
15	QPSK	36	39	21.74	21.70	21.67		
15	QPSK	75	0	21.93	21.86	21.79		
15	16QAM	1	0	21.81	21.78	21.82	23	1
15	16QAM	1	37	21.82	21.79	21.82		
15	16QAM	1	74	21.76	21.82	21.80		
15	16QAM	36	0	20.88	20.92	20.86	22	2
15	16QAM	36	20	20.80	20.76	20.85		
15	16QAM	36	39	20.77	20.68	20.80		
15	16QAM	75	0	20.88	20.91	20.88		
15	64QAM	1	0	20.79	20.75	20.76	22	2
15	64QAM	1	37	20.88	20.71	20.82		
15	64QAM	1	74	20.79	20.91	20.74		
15	64QAM	36	0	19.93	19.97	19.80	21	3
15	64QAM	36	20	19.75	19.82	19.77		
15	64QAM	36	39	19.72	19.72	19.72		
15	64QAM	75	0	19.79	19.87	19.83		
15	256QAM	1	0	17.88	17.91	17.74	19	5
15	256QAM	1	37	17.75	17.84	17.73		
15	256QAM	1	74	17.69	17.76	17.55		
15	256QAM	36	0	17.85	17.78	17.83		
15	256QAM	36	20	17.74	17.81	17.82		
15	256QAM	36	39	17.78	17.92	17.82		
15	256QAM	75	0	17.82	17.83	17.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.84	22.81	22.89	24	0
10	QPSK	1	25	22.80	22.85	22.77		
10	QPSK	1	49	22.68	22.76	22.67		
10	QPSK	25	0	21.85	21.90	21.85	23	1
10	QPSK	25	12	21.80	21.85	21.87		
10	QPSK	25	25	21.72	21.70	21.69		
10	QPSK	50	0	21.85	21.85	21.85		
10	16QAM	1	0	21.80	21.77	21.76	23	1
10	16QAM	1	25	21.77	21.81	21.78		
10	16QAM	1	49	21.72	21.80	21.73		
10	16QAM	25	0	20.89	20.84	20.85	22	2
10	16QAM	25	12	20.73	20.87	20.77		
10	16QAM	25	25	20.79	20.65	20.65		
10	16QAM	50	0	20.84	20.77	20.83		
10	64QAM	1	0	20.83	20.76	20.76	22	2
10	64QAM	1	25	20.73	20.82	20.75		
10	64QAM	1	49	20.78	20.90	20.67		
10	64QAM	25	0	19.86	19.89	19.82	21	3
10	64QAM	25	12	19.80	19.90	19.81		
10	64QAM	25	25	19.71	19.79	19.72		
10	64QAM	50	0	19.84	19.87	19.83		
10	256QAM	1	0	17.83	17.91	17.76	19	5
10	256QAM	1	25	17.80	17.75	17.78		
10	256QAM	1	49	17.75	17.74	17.63		
10	256QAM	25	0	17.81	17.82	17.80	19	5
10	256QAM	25	12	17.77	17.81	17.77		
10	256QAM	25	25	17.79	17.82	17.82		
10	256QAM	50	0	17.84	17.77	17.77		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.89	22.91	22.87	24	0
5	QPSK	1	12	22.83	22.83	22.85		
5	QPSK	1	24	22.76	22.82	22.69		
5	QPSK	12	0	22.91	22.91	22.77	23	1
5	QPSK	12	7	21.81	21.88	21.84		
5	QPSK	12	13	21.73	21.80	21.66		
5	QPSK	25	0	21.82	21.87	21.80		
5	16QAM	1	0	21.75	21.81	21.85	23	1
5	16QAM	1	12	21.78	21.77	21.82		
5	16QAM	1	24	21.80	21.75	21.74		
5	16QAM	12	0	20.91	20.91	20.86	22	2
5	16QAM	12	7	20.71	20.84	20.83		
5	16QAM	12	13	20.76	20.73	20.84		
5	16QAM	25	0	20.91	20.89	20.82		
5	64QAM	1	0	20.84	20.76	20.76	22	2
5	64QAM	1	12	20.73	20.84	20.74		
5	64QAM	1	24	20.75	20.85	20.78		
5	64QAM	12	0	19.82	19.98	19.79	21	3
5	64QAM	12	7	19.80	19.89	19.82		
5	64QAM	12	13	19.79	19.79	19.70		
5	64QAM	25	0	19.84	19.85	19.82		
5	256QAM	1	0	17.86	17.91	17.75	19	5
5	256QAM	1	12	17.79	17.82	17.76		
5	256QAM	1	24	17.74	17.82	17.56		
5	256QAM	12	0	17.86	17.77	17.82	19	5
5	256QAM	12	7	17.75	17.82	17.82		
5	256QAM	12	13	17.77	17.89	17.83		
5	256QAM	25	0	17.77	17.85	17.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44090	44690		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.56	22.68	22.60	24.1	0
20	QPSK	1	49	22.58	22.54	22.48		
20	QPSK	1	99	22.65	22.62	22.61		
20	QPSK	50	0	22.63	22.65	22.61	24	0.1
20	QPSK	50	24	22.52	22.52	22.52		
20	QPSK	50	50	22.58	22.62	22.51		
20	QPSK	100	0	22.59	22.61	22.56		
20	16QAM	1	0	22.48	22.41	22.38	24	0.1
20	16QAM	1	49	22.49	22.47	22.57		
20	16QAM	1	99	22.42	22.49	22.46		
20	16QAM	50	0	21.34	21.41	21.41	23	1.1
20	16QAM	50	24	21.46	21.38	21.42		
20	16QAM	50	50	21.49	21.47	21.52		
20	16QAM	100	0	21.44	21.47	21.46		
20	64QAM	1	0	21.53	21.50	21.52	23	1.1
20	64QAM	1	49	21.51	21.49	21.59		
20	64QAM	1	99	21.41	21.43	21.42		
20	64QAM	50	0	20.43	20.52	20.48	22	2.1
20	64QAM	50	24	20.46	20.41	20.47		
20	64QAM	50	50	20.60	20.60	20.57		
20	64QAM	100	0	20.53	20.49	20.56		
20	256QAM	1	0	18.49	18.46	18.49	20	4.1
20	256QAM	1	49	18.52	18.49	18.50		
20	256QAM	1	99	18.45	18.49	18.43		
20	256QAM	50	0	18.53	18.54	18.55	20	4.1
20	256QAM	50	24	18.47	18.43	18.46		
20	256QAM	50	50	18.39	18.48	18.47		
20	256QAM	100	0	18.54	18.48	18.53		
Channel				43465	44090	44715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.48	22.55	22.56	24.1	0
15	QPSK	1	37	22.38	22.42	22.36		
15	QPSK	1	74	22.45	22.49	22.54		
15	QPSK	36	0	22.54	22.47	22.52	24	0.1
15	QPSK	36	20	22.40	22.32	22.35		
15	QPSK	36	39	22.48	22.50	22.49		
15	QPSK	75	0	22.44	22.49	22.50		
15	16QAM	1	0	22.36	22.37	22.28	24	0.1
15	16QAM	1	37	22.46	22.37	22.46		
15	16QAM	1	74	22.30	22.32	22.36		
15	16QAM	36	0	21.34	21.34	21.33	23	1.1
15	16QAM	36	20	21.38	21.28	21.34		
15	16QAM	36	39	21.38	21.46	21.40		
15	16QAM	75	0	21.27	21.30	21.29		
15	64QAM	1	0	21.34	21.37	21.40	23	1.1
15	64QAM	1	37	21.45	21.42	21.41		
15	64QAM	1	74	21.29	21.27	21.32		
15	64QAM	36	0	20.35	20.33	20.40	22	2.1
15	64QAM	36	20	20.38	20.41	20.37		
15	64QAM	36	39	20.49	20.51	20.43		
15	64QAM	75	0	20.38	20.41	20.47		
15	256QAM	1	0	18.32	18.34	18.34	20	4.1
15	256QAM	1	37	18.38	18.42	18.43		
15	256QAM	1	74	18.36	18.36	18.40		
15	256QAM	36	0	18.42	18.36	18.41	20	4.1
15	256QAM	36	20	18.33	18.37	18.35		
15	256QAM	36	39	18.31	18.31	18.34		
15	256QAM	75	0	18.39	18.44	18.46		
Channel				43440	44090	44740	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.45	22.55	22.49	24.1	0
10	QPSK	1	25	22.48	22.37	22.46		
10	QPSK	1	49	22.55	22.45	22.46		
10	QPSK	25	0	22.49	22.50	22.51	24	0.1
10	QPSK	25	12	22.43	22.33	22.33		
10	QPSK	25	25	22.47	22.52	22.41		
10	QPSK	50	0	22.40	22.41	22.40		
10	16QAM	1	0	22.60	22.39	22.37	24	0.1
10	16QAM	1	25	22.43	22.43	22.48		
10	16QAM	1	49	22.39	22.32	22.34		
10	16QAM	25	0	21.27	21.27	21.27	23	1.1
10	16QAM	25	12	21.37	21.27	21.30		
10	16QAM	25	25	21.38	21.40	21.44		
10	16QAM	50	0	21.24	21.34	21.27		
10	64QAM	1	0	21.37	21.33	21.32	23	1.1
10	64QAM	1	25	21.42	21.43	21.44		
10	64QAM	1	49	21.28	21.36	21.34		
10	64QAM	25	0	20.39	20.42	20.36	22	2.1
10	64QAM	25	12	20.32	20.36	20.29		
10	64QAM	25	25	20.47	20.47	20.44		
10	64QAM	50	0	20.39	20.44	20.43		
10	256QAM	1	0	18.34	18.39	18.29	20	4.1
10	256QAM	1	25	18.36	18.35	18.39		
10	256QAM	1	49	18.40	18.39	18.34		
10	256QAM	25	0	18.46	18.38	18.40	20	4.1
10	256QAM	25	12	18.36	18.40	18.35		
10	256QAM	25	25	18.31	18.34	18.41		
10	256QAM	50	0	18.45	18.34	18.37		
Channel				43415	44090	44765	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.53	22.52	22.49	24.1	0
5	QPSK	1	12	22.43	22.47	22.41		
5	QPSK	1	24	22.52	22.45	22.55		
5	QPSK	12	0	22.53	22.42	22.48	24	0.1
5	QPSK	12	7	22.39	22.35	22.42		
5	QPSK	12	13	22.46	22.45	22.42		
5	QPSK	25	0	22.44	22.42	22.45		
5	16QAM	1	0	22.38	22.37	22.31	24	0.1
5	16QAM	1	12	22.41	22.38	22.39		
5	16QAM	1	24	22.39	22.36	22.38		
5	16QAM	12	0	21.31	21.23	21.33	23	1.1
5	16QAM	12	7	21.28	21.28	21.29		
5	16QAM	12	13	21.37	21.43	21.37		
5	16QAM	25	0	21.26	21.36	21.27		
5	64QAM	1	0	21.41	21.37	21.35	23	1.1
5	64QAM	1	12	21.47	21.47	21.42		
5	64QAM	1	24	21.36	21.37	21.37		
5	64QAM	12	0	20.35	20.37	20.36	22	2.1
5	64QAM	12	7	20.38	20.40	20.34		
5	64QAM	12	13	20.50	20.47	20.49		
5	64QAM	25	0	20.42	20.38	20.43		
5	256QAM	1	0	18.38	18.29	18.30	20	4.1
5	256QAM	1	12	18.39	18.39	18.35		
5	256QAM	1	24	18.35	18.37	18.38		
5	256QAM	12	0	18.42	18.44	18.39		
5	256QAM	12	7	18.32	18.40	18.35	20	4.1
5	256QAM	12	13	18.41	18.38	18.33		
5	256QAM	25	0	18.38	18.39	18.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.97	23.11	23.09	23.08	24.1	0
20	QPSK	1	49	23.06	23.02	23.04	23.06		
20	QPSK	1	99	22.99	23.10	22.97	23.01		
20	QPSK	50	0	22.86	23.08	22.97	22.98	24	0.1
20	QPSK	50	24	23.02	22.96	22.97	22.93		
20	QPSK	50	50	22.88	23.08	22.84	22.93		
20	QPSK	100	0	23.00	23.05	22.95	23.00		
20	16QAM	1	0	22.88	22.93	22.94	22.95	24	0.1
20	16QAM	1	49

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.48	22.49	22.41	24	0
20	QPSK	1	49	22.39	22.42	22.33		
20	QPSK	1	99	22.45	22.39	22.36		
20	QPSK	50	0	21.49	21.55	21.38	23	1
20	QPSK	50	24	21.41	21.45	21.37		
20	QPSK	50	50	21.49	21.35	21.34		
20	QPSK	100	0	21.50	21.53	21.41		
20	16QAM	1	0	21.43	21.52	21.36	23	1
20	16QAM	1	49	21.44	21.42	21.27		
20	16QAM	1	99	21.49	21.37	21.37		
20	16QAM	50	0	20.45	20.59	20.36	22	2
20	16QAM	50	24	20.40	20.51	20.37		
20	16QAM	50	50	20.46	20.29	20.36		
20	16QAM	100	0	20.47	20.57	20.39		
20	64QAM	1	0	20.42	20.49	20.36	22	2
20	64QAM	1	49	20.40	20.44	20.24		
20	64QAM	1	99	20.53	20.38	20.32		
20	64QAM	50	0	19.49	19.53	19.33	21	3
20	64QAM	50	24	19.40	19.43	19.33		
20	64QAM	50	50	19.52	19.29	19.37		
20	64QAM	100	0	19.56	19.57	19.39		
20	256QAM	1	0	17.48	17.51	17.33	19	5
20	256QAM	1	49	17.42	17.47	17.38		
20	256QAM	1	99	17.46	17.37	17.28		
20	256QAM	50	0	17.53	17.56	17.44	19	5
20	256QAM	50	24	17.39	17.58	17.36		
20	256QAM	50	50	17.49	17.45	17.26		
20	256QAM	100	0	17.44	17.34	17.31		
Channel				43190	43340	43310	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.35	22.40	22.28	24	0
15	QPSK	1	37	22.30	22.28	22.23		
15	QPSK	1	74	22.32	22.29	22.30		
15	QPSK	36	0	21.36	21.42	21.28	23	1
15	QPSK	36	20	21.35	21.35	21.34		
15	QPSK	36	39	21.43	21.32	21.26		
15	QPSK	75	0	21.49	21.50	21.30		
15	16QAM	1	0	21.40	21.38	21.25	23	1
15	16QAM	1	37	21.35	21.30	21.15		
15	16QAM	1	74	21.44	21.30	21.27		
15	16QAM	36	0	20.42	20.53	20.26	22	2
15	16QAM	36	20	20.33	20.42	20.32		
15	16QAM	36	39	20.36	20.23	20.32		
15	16QAM	75	0	20.37	20.49	20.26		
15	64QAM	1	0	20.38	20.39	20.29	22	2
15	64QAM	1	37	20.27	20.36	20.13		
15	64QAM	1	74	20.43	20.24	20.20		
15	64QAM	36	0	19.45	19.51	19.24	21	3
15	64QAM	36	20	19.39	19.38	19.23		
15	64QAM	36	39	19.41	19.20	19.24		
15	64QAM	75	0	19.43	19.49	19.30		
15	256QAM	1	0	17.37	17.39	17.27	19	5
15	256QAM	1	37	17.39	17.36	17.31		
15	256QAM	1	74	17.38	17.26	17.21		
15	256QAM	36	0	17.48	17.45	17.37	19	5
15	256QAM	36	20	17.29	17.48	17.32		
15	256QAM	36	39	17.45	17.42	17.18		
15	256QAM	75	0	17.38	17.22	17.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.36	22.46	22.37	24	0
10	QPSK	1	25	22.36	22.38	22.27		
10	QPSK	1	49	22.41	22.38	22.22		
10	QPSK	25	0	21.45	21.41	21.26	23	1
10	QPSK	25	12	21.41	21.39	21.29		
10	QPSK	25	25	21.45	21.29	21.28		
10	QPSK	50	0	21.46	21.49	21.27		
10	16QAM	1	0	21.37	21.40	21.24	23	1
10	16QAM	1	25	21.33	21.39	21.24		
10	16QAM	1	49	21.41	21.35	21.24		
10	16QAM	25	0	20.32	20.46	20.26	22	2
10	16QAM	25	12	20.27	20.39	20.33		
10	16QAM	25	25	20.33	20.24	20.30		
10	16QAM	50	0	20.36	20.49	20.34		
10	64QAM	1	0	20.31	20.45	20.26	22	2
10	64QAM	1	25	20.37	20.34	20.21		
10	64QAM	1	49	20.42	20.29	20.23		
10	64QAM	25	0	19.44	19.50	19.24	21	3
10	64QAM	25	12	19.30	19.40	19.29		
10	64QAM	25	25	19.44	19.24	19.26		
10	64QAM	50	0	19.51	19.46	19.29		
10	256QAM	1	0	17.43	17.41	17.30	19	5
10	256QAM	1	25	17.38	17.36	17.26		
10	256QAM	1	49	17.42	17.29	17.17		
10	256QAM	25	0	17.45	17.41	17.31	19	5
10	256QAM	25	12	17.29	17.56	17.31		
10	256QAM	25	25	17.35	17.36	17.18		
10	256QAM	50	0	17.33	17.37	17.22		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.37	22.43	22.36	24	0
5	QPSK	1	12	22.36	22.35	22.30		
5	QPSK	1	24	22.32	22.33	22.25		
5	QPSK	12	0	21.46	21.46	21.29	23	1
5	QPSK	12	7	21.35	21.32	21.26		
5	QPSK	12	13	21.37	21.25	21.30		
5	QPSK	25	0	21.44	21.40	21.35		
5	16QAM	1	0	21.39	21.41	21.25	23	1
5	16QAM	1	12	21.39	21.28	21.14		
5	16QAM	1	24	21.47	21.27	21.29		
5	16QAM	12	0	20.34	20.57	20.27	22	2
5	16QAM	12	7	20.38	20.47	20.23		
5	16QAM	12	13	20.39	20.38	20.29		
5	16QAM	25	0	20.38	20.50	20.33		
5	64QAM	1	0	20.28	20.38	20.26	22	2
5	64QAM	1	12	20.37	20.31	20.17		
5	64QAM	1	24	20.46	20.25	20.25		
5	64QAM	12	0	19.44	19.42	19.24	21	3
5	64QAM	12	7	19.40	19.23	19.27		
5	64QAM	12	13	19.39	19.22	19.27		
5	64QAM	25	0	19.48	19.47	19.36		
5	256QAM	1	0	17.40	17.43	17.31	19	5
5	256QAM	1	12	17.40	17.27	17.28		
5	256QAM	1	24	17.33	17.33	17.15		
5	256QAM	12	0	17.39	17.53	17.42	19	5
5	256QAM	12	7	17.31	17.50	17.27		
5	256QAM	12	13	17.40	17.35	17.23		
5	256QAM	25	0	17.36	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42500	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.08	22.13	22.05	23	0
20	QPSK	1	49	21.95	22.10	22.00		
20	QPSK	1	99	21.95	22.08	21.98		
20	QPSK	50	0	21.03	21.18	21.09	22	1
20	QPSK	50	24	20.93	21.08	20.99		
20	QPSK	50	50	20.99	21.03	20.93		
20	QPSK	100	0	21.11	21.16	21.04		
20	16QAM	1	0	21.05	21.12	21.07	22	1
20	16QAM	1	49	20.90	21.12	21.00		
20	16QAM	1	99	20.93	21.11	20.99		
20	16QAM	50	0	20.04	20.12	20.11	21	2
20	16QAM	50	24	19.95	20.03	20.02		
20	16QAM	50	50	20.03	20.05	19.95		
20	16QAM	100	0	20.14	20.12	20.02		
20	64QAM	1	0	20.00	20.11	20.03	21	2
20	64QAM	1	49	19.86	20.07	20.05		
20	64QAM	1	99	19.88	20.13	19.96		
20	64QAM	50	0	19.03	19.13	19.05	20	3
20	64QAM	50	24	18.88	19.13	18.97		
20	64QAM	50	50	18.97	18.98	18.91		
20	64QAM	100	0	19.16	19.15	19.02		
20	256QAM	1	0	17.05	17.19	17.11	18	5
20	256QAM	1	49	16.95	17.07	17.02		
20	256QAM	1	99	16.98	17.03	16.94		
20	256QAM	50	0	17.11	17.13	17.05	18	5
20	256QAM	50	24	17.05	17.07	17.11		
20	256QAM	50	50	16.86	17.13	17.02		
20	256QAM	100	0	16.89	17.16	16.93		
Channel				42190	42500	42810	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.95	21.99	21.96	23	0
15	QPSK	1	37	21.91	22.03	21.89		
15	QPSK	1	74	21.85	21.94	21.87		
15	QPSK	36	0	20.99	21.06	21.02	22	1
15	QPSK	36	20	20.81	20.99	20.94		
15	QPSK	36	39	20.96	20.93	20.90		
15	QPSK	75	0	21.05	21.07	20.91		
15	16QAM	1	0	20.94	21.09	20.98	22	1
15	16QAM	1	37	20.81	21.07	20.89		
15	16QAM	1	74	20.88	21.04	20.90		
15	16QAM	36	0	19.97	20.03	19.98	21	2
15	16QAM	36	20	19.88	19.99	19.96		
15	16QAM	36	39	19.90	20.01	19.92		
15	16QAM	75	0	20.09	19.99	19.91		
15	64QAM	1	0	19.94	19.98	19.92	21	2
15	64QAM	1	37	19.79	20.02	19.92		
15	64QAM	1	74	19.77	20.05	19.88		
15	64QAM	36	0	18.96	18.99	18.97	20	3
15	64QAM	36	20	18.86	19.06	18.85		
15	64QAM	36	39	18.86	18.92	18.85		
15	64QAM	75	0	19.09	19.13	18.98		
15	256QAM	1	0	17.01	17.13	17.08	18	5
15	256QAM	1	37	16.90	16.96	16.96		
15	256QAM	1	74	16.88	16.99	16.86		
15	256QAM	36	0	17.02	17.02	16.93	18	5
15	256QAM	36	20	17.03	17.12	17.05		
15	256QAM	36	39	16.76	17.10	16.90		
15	256QAM	75	0	16.85	17.09	16.89		
Channel				42140	42500	42860	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.99	22.10	22.01	23	0
10	QPSK	1	25	21.82	22.03	21.87		
10	QPSK	1	49	21.83	22.03	21.85		
10	QPSK	25	0	20.89	21.07	21.07	22	1
10	QPSK	25	12	20.86	21.01	20.92		
10	QPSK	25	25	20.85	20.97	20.84		
10	QPSK	50	0	21.00	21.02	21.02		
10	16QAM	1	0	20.94	21.01	20.95	22	1
10	16QAM	1	25	20.83	21.04	20.94		
10	16QAM	1	49	20.87	21.03	20.91		
10	16QAM	25	0	19.93	19.99	20.08	21	2
10	16QAM	25	12	19.88	20.00	19.89		
10	16QAM	25	25	19.90	19.99	19.84		
10	16QAM	50	0	20.02	20.10	19.98		
10	64QAM	1	0	19.90	20.02	19.97	21	2
10	64QAM	1	25	19.81	20.01	19.97		
10	64QAM	1	49	19.75	20.08	19.89		
10	64QAM	25	0	18.90	19.01	18.93	20	3
10	64QAM	25	12	18.84	19.03	18.91		
10	64QAM	25	25	18.87	18.93	18.86		
10	64QAM	50	0	19.06	19.01	18.98		
10	256QAM	1	0	17.03	17.09	16.97	18	5
10	256QAM	1	25	16.88	17.00	16.91		
10	256QAM	1	49	16.85	16.92	16.86		
10	256QAM	25	0	17.01	17.11	16.91	18	5
10	256QAM	25	12	16.94	17.01	17.05		
10	256QAM	25	25	16.78	17.06	16.94		
10	256QAM	50	0	16.81	17.05	16.87		
Channel				42115	42500	42885	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.96	22.01	21.93	23	0
5	QPSK	1	12	21.92	21.99	21.94		
5	QPSK	1	24	21.84	22.03	21.96		
5	QPSK	12	0	20.94	21.06	21.00	22	1
5	QPSK	12	7	20.83	21.00	20.98		
5	QPSK	12	13	20.88	20.90	20.84		
5	QPSK	25	0	21.00	21.05	21.02		
5	16QAM	1	0	21.01	20.99	21.02	22	1
5	16QAM	1	12	20.82	21.05	20.96		
5	16QAM	1	24	20.92	21.05	20.96		
5	16QAM	12	0	20.01	20.02	20.08	21	2
5	16QAM	12	7	19.92	19.96	19.99		
5	16QAM	12	13	19.91	20.00	19.88		
5	16QAM	25	0	20.07	20.00	19.95		
5	64QAM	1	0	19.87	19.99	19.94	21	2
5	64QAM	1	12	19.73	20.00	19.93		
5	64QAM	1	24	19.83	20.01	19.84		
5	64QAM	12	0	19.00	19.01	18.93	20	3
5	64QAM	12	7	18.85	19.07	18.94		
5	64QAM	12	13	18.87	18.96	18.79		
5	64QAM	25	0	19.06	19.10	18.97		
5	256QAM	1	0	17.00	17.14	17.06	18	5
5	256QAM	1	12	16.82	17.00	16.96		
5	256QAM	1	24	16.88	16.99	16.92		
5	256QAM	12	0	16.99	17.00	16.96	18	5
5	256QAM	12	7	16.92	16.97	17.07		
5	256QAM	12	13	16.75	17.09	16.98		
5	256QAM	25	0	16.82	17.09	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43490	44060	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.57	22.59	22.51	24	0
20	QPSK	1	49	22.52	22.57	22.44		
20	QPSK	1	99	22.43	22.55	22.37		
20	QPSK	50	0	21.58	21.83	21.50	23	1
20	QPSK	50	24	21.55	21.58	21.50		
20	QPSK	50	50	21.40	21.51	21.38		
20	QPSK	100	0	21.53	21.58	21.51		
20	16QAM	1	0	21.53	21.56	21.49	23	1
20	16QAM	1	49	21.54	21.51	21.46		
20	16QAM	1	99	21.41	21.60	21.32		
20	16QAM	50	0	20.60	20.53	20.46	22	2
20	16QAM	50	24	20.55	20.54	20.48		
20	16QAM	50	50	20.35	20.51	20.36		
20	16QAM	100	0	20.61	20.59	20.56		
20	64QAM	1	0	20.47	20.56	20.52	22	2
20	64QAM	1	49	20.58	20.56	20.49		
20	64QAM	1	99	20.45	20.65	20.34		
20	64QAM	50	0	19.61	19.58	19.44	21	3
20	64QAM	50	24	19.54	19.60	19.44		
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.63	19.60	19.53		
20	256QAM	1	0	17.62	17.64	17.51	19	5
20	256QAM	1	49	17.52	17.62	17.55		
20	256QAM	1	99	17.36	17.56	17.42		
20	256QAM	50	0	17.54	17.64	17.47	19	5
20	256QAM	50	24	17.50	17.54	17.50		
20	256QAM	50	50	17.56	17.53	17.51		
20	256QAM	100	0	17.38	17.62	17.31		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.50	22.47	22.43	24	0
15	QPSK	1	37	22.44	22.49	22.41		
15	QPSK	1	74	22.30	22.44	22.27		
15	QPSK	36	0	21.51	21.53	21.44	23	1
15	QPSK	36	20	21.49	21.48	21.39		
15	QPSK	36	39	21.29	21.44	21.26		
15	QPSK	75	0	21.44	21.52	21.44		
15	16QAM	1	0	21.40	21.54	21.42	23	1
15	16QAM	1	37	21.47	21.39	21.43		
15	16QAM	1	74	21.35	21.55	21.19		
15	16QAM	36	0	20.51	20.59	20.43	22	2
15	16QAM	36	20	20.46	20.47	20.40		
15	16QAM	36	39	20.28	20.42	20.26		
15	16QAM	75	0	20.53	20.53	20.43		
15	64QAM	1	0	20.34	20.49	20.41	22	2
15	64QAM	1	37	20.46	20.47	20.42		
15	64QAM	1	74	20.43	20.61	20.29		
15	64QAM	36	0	19.53	19.52	19.31	21	3
15	64QAM	36	20	19.43	19.51	19.41		
15	64QAM	36	39	19.31	19.39	19.30		
15	64QAM	75	0	19.57	19.57	19.42		
15	256QAM	1	0	17.48	17.58	17.44	19	5
15	256QAM	1	37	17.44	17.51	17.44		
15	256QAM	1	74	17.29	17.50	17.39		
15	256QAM	36	0	17.42	17.61	17.42	19	5
15	256QAM	36	20	17.42	17.42	17.42		
15	256QAM	36	39	17.44	17.40	17.37		
15	256QAM	75	0	17.25	17.40	17.19		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.48	22.48	22.39	24	0
10	QPSK	1	25	22.38	22.51	22.36		
10	QPSK	1	49	22.37	22.42	22.27		
10	QPSK	25	0	21.57	21.56	21.42	23	1
10	QPSK	25	12	21.45	21.45	21.46		
10	QPSK	25	25	21.34	21.47	21.34		
10	QPSK	50	0	21.47	21.45	21.38		
10	16QAM	1	0	21.48	21.48	21.42	23	1
10	16QAM	1	25	21.43	21.39	21.44		
10	16QAM	1	49	21.34	21.52	21.27		
10	16QAM	25	0	20.49	20.58	20.44	22	2
10	16QAM	25	12	20.48	20.42	20.41		
10	16QAM	25	25	20.30	20.37	20.26		
10	16QAM	50	0	20.52	20.48	20.47		
10	64QAM	1	0	20.34	20.50	20.47	22	2
10	64QAM	1	25	20.50	20.51	20.40		
10	64QAM	1	49	20.38	20.55	20.21		
10	64QAM	25	0	19.55	19.51	19.36	21	3
10	64QAM	25	12	19.51	19.49	19.31		
10	64QAM	25	25	19.26	19.42	19.36		
10	64QAM	50	0	19.50	19.50	19.49		
10	256QAM	1	0	17.49	17.60	17.45	19	5
10	256QAM	1	25	17.46	17.56	17.52		
10	256QAM	1	49	17.29	17.42	17.33		
10	256QAM	25	0	17.41	17.61	17.36	19	5
10	256QAM	25	12	17.41	17.44	17.45		
10	256QAM	25	25	17.45	17.45	17.46		
10	256QAM	50	0	17.26	17.59	17.22		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.48	22.54	22.47	24	0
5	QPSK	1	12	22.43	22.48	22.35		
5	QPSK	1	24	22.32	22.46	22.27		
5	QPSK	12	0	21.48	21.53	21.39	23	1
5	QPSK	12	7	21.53	21.49	21.47		
5	QPSK	12	13	21.26	21.42	21.28		
5	QPSK	25	0	21.48	21.53	21.38		
5	16QAM	1	0	21.40	21.45	21.36	23	1
5	16QAM	1	12	21.43	21.45	21.32		
5	16QAM	1	24	21.32	21.55	21.23		
5	16QAM	12	0	20.50	20.58	20.36	22	2
5	16QAM	12	7	20.47	20.42	20.36		
5	16QAM	12	13	20.22	20.49	20.30		
5	16QAM	25	0	20.58	20.52	20.51		
5	64QAM	1	0	20.40	20.45	20.40	22	2
5	64QAM	1	12	20.42	20.41	20.29		
5	64QAM	1	24	20.42	20.58	20.26		
5	64QAM	12	0	19.50	19.49	19.40	21	3
5	64QAM	12	7	19.46	19.49	19.32		
5	64QAM	12	13	19.27	19.44	19.32		
5	64QAM	25	0	19.57	19.51	19.40		
5	256QAM	1	0	17.53	17.57	17.41	19	5
5	256QAM	1	12	17.43	17.53	17.45		
5	256QAM	1	24	17.25	17.45	17.34		
5	256QAM	12	0	17.43	17.57	17.42	19	5
5	256QAM	12	7	17.37	17.48	17.39		
5	256QAM	12	13	17.47	17.46	17.45		
5	256QAM	25	0	17.35	17.55	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.57	22.63	22.52	22.60	24	0
20	QPSK	1	49	22.52	22.59	22.47	22.49		
20	QPSK	1	99	22.44	22.57	22.48	22.55		
20	QPSK	50	0	21.51	21.83	21.51	21.54	23	1
20	QPSK	50	24	21.56	21.56	21.53	21.46		
20	QPSK	50	50	21.42	21.59	21.53	21.50		
20	QPSK	100	0	21.51	21.81	21.46	21.58		
20	16QAM	1	0	21.56	21.58	21.55	21.54	23	1
20	16QAM	1	49	21.55	21.58	21.48	21.48		
20	16QAM	1	99	21.45	21.60	21.53	21.50		
20	16QAM	50	0	20.50	20.60	20.53	20.58	22	2
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.22	20.33	20.16	22	0
20	QPSK	1	49	20.10	20.16	20.12		
20	QPSK	1	99	20.25	20.12	20.17		
20	QPSK	50	0	20.16	20.22	20.20	22	0
20	QPSK	50	24	20.08	20.12	20.15		
20	QPSK	50	50	20.17	20.12	20.10		
20	QPSK	100	0	20.07	20.16	20.12		
20	16QAM	1	0	20.26	20.20	20.11	22	0
20	16QAM	1	49	20.28	20.13	20.16		
20	16QAM	1	99	20.11	20.19	20.12		
20	16QAM	50	0	20.21	20.25	20.13	22	0
20	16QAM	50	24	20.24	20.25	20.13		
20	16QAM	50	50	20.09	20.11	20.21		
20	16QAM	100	0	20.19	20.09	20.02		
20	64QAM	1	0	20.13	20.12	20.22	22	0
20	64QAM	1	49	20.04	20.02	20.12		
20	64QAM	1	99	20.09	20.16	20.12		
20	64QAM	50	0	19.15	19.17	19.16	21	1
20	64QAM	50	24	19.18	19.21	19.27		
20	64QAM	50	50	19.22	19.27	19.23		
20	64QAM	100	0	19.12	19.22	19.21		
20	256QAM	1	0	17.12	17.14	17.11	19	3
20	256QAM	1	49	17.19	17.23	17.07		
20	256QAM	1	99	17.23	17.26	17.22		
20	256QAM	50	0	17.30	17.17	17.18	19	3
20	256QAM	50	24	17.21	17.21	17.10		
20	256QAM	50	50	17.14	17.13	17.18		
20	256QAM	100	0	17.17	17.20	17.19		
Channel				43190	43340	43315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.15	20.19	20.16	22	0
15	QPSK	1	37	20.08	20.09	20.05		
15	QPSK	1	74	20.23	20.09	20.17		
15	QPSK	36	0	20.09	20.23	20.20	22	0
15	QPSK	36	20	20.05	20.05	20.10		
15	QPSK	36	39	20.10	20.09	20.05		
15	QPSK	75	0	20.01	20.14	20.11		
15	16QAM	1	0	20.21	20.16	20.10	22	0
15	16QAM	1	37	20.21	20.17	20.15		
15	16QAM	1	74	20.10	20.06	20.05		
15	16QAM	36	0	20.20	20.16	20.09	22	0
15	16QAM	36	20	20.19	20.19	20.10		
15	16QAM	36	39	20.11	20.07	20.15		
15	16QAM	75	0	20.10	20.09	20.00		
15	64QAM	1	0	20.07	20.07	20.09	22	0
15	64QAM	1	37	20.01	20.00	20.06		
15	64QAM	1	74	20.04	20.02	20.12		
15	64QAM	36	0	19.11	19.20	19.18	21	1
15	64QAM	36	20	19.15	19.17	19.17		
15	64QAM	36	39	19.22	19.23	19.19		
15	64QAM	75	0	19.11	19.11	19.16		
15	256QAM	1	0	17.08	17.12	17.09	19	3
15	256QAM	1	37	17.11	17.14	17.03		
15	256QAM	1	74	17.15	17.26	17.13		
15	256QAM	36	0	17.18	17.09	17.11	19	3
15	256QAM	36	20	17.11	17.15	17.13		
15	256QAM	36	39	17.17	17.12	17.16		
15	256QAM	75	0	17.10	17.12	17.12		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.18	20.23	20.19	22	0
10	QPSK	1	25	20.09	20.03	20.05		
10	QPSK	1	49	20.20	20.06	20.12		
10	QPSK	25	0	20.12	20.26	20.24	22	0
10	QPSK	25	12	20.08	20.14	20.03		
10	QPSK	25	25	20.15	20.05	20.12		
10	QPSK	50	0	20.08	20.17	20.10		
10	16QAM	1	0	20.24	20.14	20.10	22	0
10	16QAM	1	25	20.21	20.13	20.13		
10	16QAM	1	49	20.10	20.04	20.07		
10	16QAM	25	0	20.20	20.21	20.15	22	0
10	16QAM	25	12	20.13	20.11	20.15		
10	16QAM	25	25	20.08	20.13	20.13		
10	16QAM	50	0	20.10	20.02	20.07		
10	64QAM	1	0	20.06	20.10	20.15	22	0
10	64QAM	1	25	20.09	20.03	20.02		
10	64QAM	1	49	20.11	20.03	20.11		
10	64QAM	25	0	19.10	19.17	19.13	21	1
10	64QAM	25	12	19.18	19.15	19.12		
10	64QAM	25	25	19.14	19.20	19.08		
10	64QAM	50	0	19.14	19.20	19.15		
10	256QAM	1	0	17.04	17.09	17.09	19	3
10	256QAM	1	25	17.12	17.17	17.03		
10	256QAM	1	49	17.18	17.22	17.13		
10	256QAM	25	0	17.25	17.18	17.14	19	3
10	256QAM	25	12	17.16	17.18	17.07		
10	256QAM	25	25	17.12	17.16	17.20		
10	256QAM	50	0	17.11	17.09	17.17		
Channel				43113	43242	43363	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.3	3575	3597.5		
5	QPSK	1	0	20.13	20.18	20.19	22	0
5	QPSK	1	12	20.09	20.07	20.08		
5	QPSK	1	24	20.20	20.07	20.16		
5	QPSK	12	0	20.09	20.23	20.20	22	0
5	QPSK	12	7	20.07	20.09	20.02		
5	QPSK	12	13	20.13	20.09	20.09		
5	QPSK	25	0	20.09	20.16	20.13		
5	16QAM	1	0	20.17	20.08	20.07	22	0
5	16QAM	1	12	20.12	20.14	20.16		
5	16QAM	1	24	20.11	20.13	20.22		
5	16QAM	12	0	20.15	20.22	20.12	22	0
5	16QAM	12	7	20.14	20.18	20.14		
5	16QAM	12	13	20.11	20.10	20.19		
5	16QAM	25	0	20.07	20.06	20.02		
5	64QAM	1	0	20.14	20.10	20.08	22	0
5	64QAM	1	12	20.02	20.02	20.02		
5	64QAM	1	24	20.07	20.11	20.15		
5	64QAM	12	0	19.15	19.15	19.17	21	1
5	64QAM	12	7	19.20	19.17	19.14		
5	64QAM	12	13	19.15	19.25	19.24		
5	64QAM	25	0	19.06	19.15	19.19		
5	256QAM	1	0	17.03	17.13	17.08	19	3
5	256QAM	1	12	17.16	17.10	17.08		
5	256QAM	1	24	17.17	17.17	17.23		
5	256QAM	12	0	17.22	17.08	17.18		
5	256QAM	12	7	17.12	17.13	17.11		
5	256QAM	12	13	17.12	17.14	17.17		
5	256QAM	25	0	17.03	17.11	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42490	42990		
Frequency (MHz)				3460	3550	3540		
20	QPSK	1	0	22.95	23.02	22.91	24	0
20	QPSK	1	49	22.91	22.99	22.89		
20	QPSK	1	99	22.91	22.95	22.87		
20	QPSK	50	0	21.98	22.06	21.90	23	1
20	QPSK	50	24	21.95	21.96	21.92		
20	QPSK	50	50	21.85	21.92	21.90		
20	QPSK	100	0	21.98	22.05	21.93		
20	16QAM	1	0	21.95	22.01	21.92	23	1
20	16QAM	1	49	21.93	21.94	21.91		
20	16QAM	1	99	21.92	21.96	21.86		
20	16QAM	50	0	20.95	21.04	20.90	22	2
20	16QAM	50	24	20.92	20.98	20.89		
20	16QAM	50	50	20.79	20.88	20.90		
20	16QAM	100	0	20.96	21.06	20.95		
20	64QAM	1	0	20.96	21.01	20.92	22	2
20	64QAM	1	49	20.88	20.97	20.94		
20	64QAM	1	99	20.93	20.97	20.90		
20	64QAM	50	0	19.95	20.07	19.95	21	3
20	64QAM	50	24	19.99	19.98	19.93		
20	64QAM	50	50	19.82	19.98	19.95		
20	64QAM	100	0	20.04	20.09	19.97		
20	256QAM	1	0	18.00	18.01	17.88	19	5
20	256QAM	1	49	17.93	18.01	17.98		
20	256QAM	1	99	17.83	17.88	17.84		
20	256QAM	50	0	17.98	18.03	17.90	19	5
20	256QAM	50	24	17.96	18.00	17.89		
20	256QAM	50	50	17.90	17.97	17.87		
20	256QAM	100	0	17.93	17.93	17.81		
Channel				42165	42490	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3550	3542.5		
15	QPSK	1	0	22.93	22.99	22.86	24	0
15	QPSK	1	37	22.87	22.94	22.87		
15	QPSK	1	74	22.87	22.92	22.81		
15	QPSK	36	0	21.91	22.02	21.83	23	1
15	QPSK	36	20	21.84	21.88	21.84		
15	QPSK	36	39	21.77	21.81	21.81		
15	QPSK	75	0	21.90	21.96	21.86		
15	16QAM	1	0	21.88	21.92	21.88	23	1
15	16QAM	1	37	21.88	21.91	21.78		
15	16QAM	1	74	21.84	21.84	21.82		
15	16QAM	36	0	20.91	20.91	20.81	22	2
15	16QAM	36	20	20.84	20.93	20.78		
15	16QAM	36	39	20.71	20.83	20.83		
15	16QAM	75	0	20.83	20.95	20.88		
15	64QAM	1	0	20.90	20.88	20.86	22	2
15	64QAM	1	37	20.86	20.92	20.89		
15	64QAM	1	74	20.80	20.88	20.82		
15	64QAM	36	0	19.90	19.98	19.84	21	3
15	64QAM	36	20	19.86	19.86	19.79		
15	64QAM	36	39	19.77	19.91	19.85		
15	64QAM	75	0	19.96	20.04	19.94		
15	256QAM	1	0	17.86	17.92	17.76	19	5
15	256QAM	1	37	17.80	17.94	17.84		
15	256QAM	1	74	17.78	17.81	17.79		
15	256QAM	36	0	17.88	17.91	17.82	19	5
15	256QAM	36	20	17.88	17.88	17.88		
15	256QAM	36	39	17.80	17.91	17.84		
15	256QAM	75	0	17.84	17.81	17.73		
Channel				42140	42340	42540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3550	3545		
10	QPSK	1	0	22.92	22.94	22.78	24	0
10	QPSK	1	25	22.83	22.93	22.78		
10	QPSK	1	49	22.89	22.82	22.74		
10	QPSK	25	0	21.92	21.94	21.79	23	1
10	QPSK	25	12	21.82	21.92	21.78		
10	QPSK	25	25	21.81	21.89	21.78		
10	QPSK	50	0	21.89	22.01	21.88		
10	16QAM	1	0	21.92	21.90	21.90	23	1
10	16QAM	1	25	21.87	21.90	21.89		
10	16QAM	1	49	21.79	21.85	21.80		
10	16QAM	25	0	20.89	21.01	20.82	22	2
10	16QAM	25	12	20.85	20.90	20.87		
10	16QAM	25	25	20.73	20.80	20.78		
10	16QAM	50	0	20.87	20.98	20.89		
10	64QAM	1	0	20.87	20.95	20.79	22	2
10	64QAM	1	25	20.79	20.85	20.87		
10	64QAM	1	49	20.79	20.91	20.88		
10	64QAM	25	0	19.82	20.05	19.83	21	3
10	64QAM	25	12	19.86	19.87	19.80		
10	64QAM	25	25	19.79	19.84	19.89		
10	64QAM	50	0	19.92	19.99	19.86		
10	256QAM	1	0	17.92	17.89	17.79	19	5
10	256QAM	1	25	17.82	17.88	17.90		
10	256QAM	1	49	17.78	17.77	17.75		
10	256QAM	25	0	17.93	17.93	17.84	19	5
10	256QAM	25	12	17.91	17.87	17.86		
10	256QAM	25	25	17.78	17.85	17.79		
10	256QAM	50	0	17.82	17.89	17.75		
Channel				42115	42190	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3550	3547.5		
5	QPSK	1	0	22.90	22.94	22.82	24	0
5	QPSK	1	12	22.89	22.86	22.81		
5	QPSK	1	24	22.79	22.83	22.84		
5	QPSK	12	0	21.90	21.98	21.81	23	1
5	QPSK	12	7	21.87	21.82	21.81		
5	QPSK	12	13	21.75	21.86	21.76		
5	QPSK	25	0	21.96	21.93	21.85		
5	16QAM	1	0	21.87	21.93	21.82	23	1
5	16QAM	1	12	21.91	21.87	21.78		
5	16QAM	1	24	21.79	21.77	21.77		
5	16QAM	12	0	20.87	20.94	20.78	22	2
5	16QAM	12	7	20.80	20.91	20.81		
5	16QAM	12	13	20.75	20.85	20.81		
5	16QAM	25	0	20.88	21.05	20.84		
5	64QAM	1	0	20.82	20.89	20.90	22	2
5	64QAM	1	12	20.78	20.80	20.81		
5	64QAM	1	24	20.81	20.86	20.86		
5	64QAM	12	0	19.81	19.95	19.84	21	3
5	64QAM	12	7	19.93	19.92	19.87		
5	64QAM	12	13	19.89	19.89	19.88		
5	64QAM	25	0	19.92	19.99	19.89		
5	256QAM	1	0	17.98	17.90	17.74	19	5
5	256QAM	1	12	17.87	17.98	17.92		
5	256QAM	1	24	17.79	17.75	17.77		
5	256QAM	12	0	17.90	18.01	17.81	19	5
5	256QAM	12	7	17.82	17.98	17.84		
5	256QAM	12	13	17.84	17.94	17.83		
5	256QAM	25	0	17.80	17.84	17.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.41	20.48	20.41	22	0
20	QPSK	1	49	20.33	20.32	20.33		
20	QPSK	1	99	20.44	20.35	20.40		
20	QPSK	50	0	20.37	20.47	20.45	22	0
20	QPSK	50	24	20.31	20.32	20.31		
20	QPSK	50	50	20.39	20.30	20.33		
20	QPSK	100	0	20.31	20.37	20.36		
20	16QAM	1	0	20.46	20.36	20.36	22	0
20	16QAM	1	49	20.42	20.37	20.41		
20	16QAM	1	99	20.36	20.33	20.27		
20	16QAM	50	0	20.44	20.44	20.37	22	0
20	16QAM	50	24	20.39	20.40	20.38		
20	16QAM	50	50	20.33	20.35	20.40		
20	16QAM	100	0	20.34	20.30	20.28		
20	64QAM	1	0	20.36	20.34	20.37	22	0
20	64QAM	1	49	20.30	20.28	20.31		
20	64QAM	1	99	20.33	20.32	20.36		
20	64QAM	50	0	19.39	19.42	19.40	21	1
20	64QAM	50	24	19.41	19.38	19.42		
20	64QAM	50	50	19.43	19.49	19.47		
20	64QAM	100	0	19.35	19.40	19.41		
20	256QAM	1	0	17.32	17.36	17.36	19	3
20	256QAM	1	49	17.39	17.39	17.35		
20	256QAM	1	99	17.42	17.46	17.43		
20	256QAM	50	0	17.47	17.38	17.40	19	3
20	256QAM	50	24	17.41	17.39	17.35		
20	256QAM	50	50	17.40	17.37	17.41		
20	256QAM	100	0	17.32	17.36	17.38		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.35	20.39	20.33	22	0
15	QPSK	1	37	20.32	20.30	20.26		
15	QPSK	1	74	20.27	20.26	20.28		
15	QPSK	36	0	20.31	20.29	20.25	22	0
15	QPSK	36	20	20.25	20.19	20.24		
15	QPSK	36	39	20.26	20.27	20.26		
15	QPSK	75	0	20.28	20.23	20.24		
15	16QAM	1	0	20.30	20.26	20.31	22	0
15	16QAM	1	37	20.33	20.30	20.27		
15	16QAM	1	74	20.17	20.20	20.22		
15	16QAM	36	0	20.27	20.34	20.37	22	0
15	16QAM	36	20	20.32	20.28	20.30		
15	16QAM	36	39	20.25	20.25	20.29		
15	16QAM	75	0	20.21	20.21	20.19		
15	64QAM	1	0	20.22	20.28	20.29	22	0
15	64QAM	1	37	20.22	20.26	20.20		
15	64QAM	1	74	20.29	20.30	20.32		
15	64QAM	36	0	19.34	19.29	19.23	21	1
15	64QAM	36	20	19.24	19.30	19.23		
15	64QAM	36	39	19.40	19.33	19.37		
15	64QAM	75	0	19.24	19.23	19.25		
15	256QAM	1	0	17.20	17.28	17.31	19	3
15	256QAM	1	37	17.33	17.27	17.23		
15	256QAM	1	74	17.40	17.36	17.33		
15	256QAM	36	0	17.30	17.30	17.38	19	3
15	256QAM	36	20	17.27	17.23	17.26		
15	256QAM	36	39	17.29	17.25	17.31		
15	256QAM	75	0	17.25	17.23	17.27		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.32	20.37	20.34	22	0
10	QPSK	1	25	20.34	20.34	20.27		
10	QPSK	1	49	20.33	20.34	20.32		
10	QPSK	25	0	20.27	20.29	20.35	22	0
10	QPSK	25	12	20.28	20.28	20.22		
10	QPSK	25	25	20.24	20.25	20.27		
10	QPSK	50	0	20.22	20.28	20.22		
10	16QAM	1	0	20.33	20.30	20.30	22	0
10	16QAM	1	25	20.24	20.24	20.30		
10	16QAM	1	49	20.21	20.20	20.27		
10	16QAM	25	0	20.29	20.35	20.30	22	0
10	16QAM	25	12	20.30	20.26	20.26		
10	16QAM	25	25	20.27	20.28	20.26		
10	16QAM	50	0	20.25	20.29	20.19		
10	64QAM	1	0	20.31	20.23	20.22	22	0
10	64QAM	1	25	20.18	20.20	20.18		
10	64QAM	1	49	20.26	20.25	20.31		
10	64QAM	25	0	19.33	19.30	19.32	21	1
10	64QAM	25	12	19.29	19.29	19.25		
10	64QAM	25	25	19.36	19.38	19.35		
10	64QAM	50	0	19.25	19.24	19.31		
10	256QAM	1	0	17.29	17.24	17.31	19	3
10	256QAM	1	25	17.24	17.31	17.23		
10	256QAM	1	49	17.33	17.39	17.32		
10	256QAM	25	0	17.28	17.31	17.31	19	3
10	256QAM	25	12	17.30	17.27	17.31		
10	256QAM	25	25	17.24	17.23	17.21		
10	256QAM	50	0	17.28	17.24	17.18		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.29	20.36	20.31	22	0
5	QPSK	1	12	20.32	20.29	20.33		
5	QPSK	1	24	20.31	20.25	20.24		
5	QPSK	12	0	20.28	20.33	20.35	22	0
5	QPSK	12	7	20.27	20.21	20.16		
5	QPSK	12	13	20.23	20.23	20.25		
5	QPSK	25	0	20.28	20.23	20.22		
5	16QAM	1	0	20.32	20.36	20.32	22	0
5	16QAM	1	12	20.23	20.22	20.29		
5	16QAM	1	24	20.25	20.23	20.23		
5	16QAM	12	0	20.38	20.36	20.35	22	0
5	16QAM	12	7	20.37	20.28	20.29		
5	16QAM	12	13	20.34	20.29	20.26		
5	16QAM	25	0	20.22	20.23	20.28		
5	64QAM	1	0	20.23	20.25	20.28	22	0
5	64QAM	1	12	20.17	20.21	20.23		
5	64QAM	1	24	20.25	20.30	20.29		
5	64QAM	12	0	19.25	19.30	19.32	21	1
5	64QAM	12	7	19.23	19.25	19.26		
5	64QAM	12	13	19.38	19.35	19.40		
5	64QAM	25	0	19.31	19.25	19.22		
5	256QAM	1	0	17.27	17.29	17.26	19	3
5	256QAM	1	12	17.34	17.29	17.27		
5	256QAM	1	24	17.38	17.38	17.34		
5	256QAM	12	0	17.33	17.38	17.28	19	3
5	256QAM	12	7	17.24	17.23	17.30		
5	256QAM	12	13	17.27	17.26	17.25		
5	256QAM	25	0	17.27	17.20	17.23		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.62	20.75	20.57	20.63	22	0
20	QPSK	1	49	20.63	20.68	20.57	20.62		
20	QPSK	1	99	20.54	20.70	20.57	20.56		
20	QPSK	50	0	20.61	20.71	20.55	20.55		
20	QPSK	50	24	20.63	20.62	20.49	20.62		
20	QPSK	50	50	20.62	20.65	20.53	20.64		
20	QPSK	100	0	20.56	20.65	20.59	20.56		
20	16QAM	1	0	20.63	20.71	20.49	20.59	22	1
20	16QAM	1	49	20.57	20.68	20.54	20.64		
20	16QAM	1	99	20.64	20.62	20.60	20.56		
20	16QAM	50	0	20.58	20.72	20.55	20.61		
20	16QAM	50	24	20

Reduced Power Mode for DSI 11

GSM850 Ant0 DSI11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.14	33.50	23.12	23.15	23.14	24.50
GPRS 1 Tx slot	32.10	32.13	32.09	33.50	23.10	23.13	23.09	24.50
GPRS 2 Tx slots	29.36	29.44	29.36	30.50	23.36	23.44	23.36	24.50
GPRS 3 Tx slots	27.94	28.07	27.99	29.00	23.68	23.81	23.73	24.74
GPRS 4 Tx slots	25.87	25.99	25.89	27.00	22.87	22.99	22.89	24.00
EDGE 1 Tx slot	24.83	24.92	24.84	26.00	15.83	15.92	15.84	17.00
EDGE 2 Tx slots	23.32	23.43	23.29	24.50	17.32	17.43	17.29	18.50
EDGE 3 Tx slots	22.29	22.34	22.27	23.50	18.03	18.08	18.01	19.24
EDGE 4 Tx slots	20.30	20.34	20.29	21.50	17.30	17.34	17.29	18.50

GSM1900 Ant0 DSI11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.65	29.61	30.50	20.58	20.65	20.61	21.50
GPRS 1 Tx slot	29.55	29.61	29.59	30.50	20.55	20.61	20.59	21.50
GPRS 2 Tx slots	26.26	26.31	26.27	27.50	20.26	20.31	20.27	21.50
GPRS 3 Tx slots	25.29	25.33	25.22	26.50	21.03	21.07	20.96	22.24
GPRS 4 Tx slots	23.03	23.07	22.97	24.00	20.03	20.07	19.97	21.00
EDGE 1 Tx slot	23.64	23.73	23.69	24.50	14.64	14.73	14.69	15.50
EDGE 2 Tx slots	22.78	22.83	22.75	24.00	16.78	16.83	16.75	18.00
EDGE 3 Tx slots	21.55	21.61	21.58	22.50	17.29	17.35	17.32	18.24
EDGE 4 Tx slots	19.53	19.65	19.61	20.50	16.53	16.65	16.61	17.50

Band		WCDMA II Ant0 DSI11			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI11			Tune-up Limit (dBm)	WCDMA V Ant0 DSI11			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.78	22.62	24.00	22.99	23.08	22.92	24.00	23.10	23.22	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.81	22.71	24.00	23.08	23.12	23.05	24.00	23.23	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	21.81	21.82	21.75	23.00	22.02	22.12	22.09	23.00	22.21	22.31	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.84	21.76	23.00	22.10	22.15	22.03	23.00	22.17	22.24	22.23	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.37	21.17	22.50	21.58	21.58	21.60	22.50	21.72	21.75	21.72	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.35	21.16	22.50	21.57	21.65	21.51	22.50	21.77	21.80	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.85	21.75	23.00	22.13	22.16	22.07	23.00	22.19	22.30	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.82	21.77	21.72	23.00	22.11	22.06	22.05	23.00	22.24	22.22	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.33	21.26	22.50	21.57	21.56	21.57	22.50	21.78	21.77	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.27	21.32	21.24	22.50	21.54	21.56	21.52	22.50	21.70	21.76	21.78	22.50
3GPP Rel 6	HSUPA Subtest-1	21.81	21.80	21.67	23.00	22.09	22.07	22.05	23.00	22.24	22.25	22.27	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.75	19.67	21.00	20.13	20.09	20.06	21.00	20.19	20.23	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	20.85	20.81	20.73	22.00	21.08	21.15	21.04	22.00	21.19	21.32	21.20	22.00
3GPP Rel 6	HSUPA Subtest-4	19.85	19.82	19.76	21.00	20.10	20.16	20.09	21.00	20.20	20.32	20.21	21.00
3GPP Rel 6	HSUPA Subtest-5	21.84	21.85	21.76	23.00	22.13	22.08	22.00	23.00	22.22	22.30	22.24	23.00

Band 2 Ant 0 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03		
20	QPSK	1	49	22.00	22.08	21.89	23	0
20	QPSK	1	99	21.94	22.07	21.97		
20	QPSK	50	0	21.06	21.15	21.01		
20	QPSK	50	24	20.95	21.11	20.85	22	1
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07		
20	16QAM	1	49	20.99	21.09	20.94	22	1
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.96		
20	16QAM	50	24	19.91	20.16	19.84	21	2
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12		
20	64QAM	1	49	20.01	20.06	19.93	21	2
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03		
20	64QAM	50	24	18.98	19.16	18.96	20	3
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01		
20	256QAM	1	49	17.00	17.06	16.84	18	5
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12	18	5
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94		
15	QPSK	1	37	21.87	21.98	21.79	23	0
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90		
15	QPSK	36	20	20.91	21.07	20.76	22	1
15	QPSK	36	39	20.84	20.87	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	20.14	21.10	21.03		
15	16QAM	1	37	20.93	21.00	20.84	22	1
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86		
15	16QAM	36	20	19.81	20.03	19.73	21	2
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01		
15	64QAM	1	37	19.97	19.98	19.87	21	2
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00		
15	64QAM	36	20	18.93	19.06	18.93	20	3
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88		
15	256QAM	1	37	16.91	16.94	16.72	18	5
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07	18	5
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00		
10	QPSK	1	25	21.96	22.02	21.76	23	0
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98		
10	QPSK	25	12	20.90	21.06	20.83	22	1
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04		
10	16QAM	1	25	20.92	21.04	20.83	22	1
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90		
10	16QAM	25	12	19.85	20.07	19.77	21	2
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04		
10	64QAM	1	25	19.90	19.97	19.82	21	2
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95		
10	64QAM	25	12	18.86	19.12	18.74	20	3
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.98	16.93		
10	256QAM	1	25	16.96	16.97	16.75	18	5
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00		
10	256QAM	25	12	17.05	16.89	17.04	18	5
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	22.02	22.07	22.00		
5	QPSK	1	12	21.92	21.94	21.85	23	0
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91		
5	QPSK	12	7	20.87	21.02	20.78	22	1
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97		
5	16QAM	1	12	20.88	21.00	20.92	22	1
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92		
5	16QAM	12	7	19.85	20.04	19.75	21	2
5	16QAM	12	13	19.77	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99		
5	64QAM	1	12	19.98	20.04	19.84	21	2
5	64QAM	1	24	19.81	20.02	19.98		
5	64QAM	12	0	19.07	19.10	18.97		
5	64QAM	12	7	18.95	19.04	18.80	20	3
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88		
5	256QAM	1	12	16.94	17.01	16.72	18	5
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.03	17.03		
5	256QAM	12	7	17.09	16.97	17.01	18	5
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95		
3	QPSK	1	8	21.91	22.00	21.76	23	0
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88		
3	QPSK	8	4	20.88	21.07	20.79	22	1
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04		
3	16QAM	1	8	20.89	21.04	20.81	22	1
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96		
3	16QAM	8	4	19.82	20.04	19.73	21	2
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02		
3	64QAM	1	8	19.90	19.96	19.86	21	2
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00		
3	64QAM	8	4	18.92	19.07	18.72	20	3
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92		
3	256QAM	1	8	16.91	16.93	16.71	18	5
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07		
3	256QAM	8	4	17.02	17.03	17.08	18	5
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95		
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90	23	0
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03		
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99	22	1
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02		
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92	21	2
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97		
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91	18	5
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 4 Ant 0 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.14	22.25	22.20		
20	QPSK	1	49	22.05	22.20	22.10	24	0
20	QPSK	1	99	22.10	22.15	22.21		
20	QPSK	50	0	21.15	21.25	21.22		
20	QPSK	50	24	21.09	21.17	21.11	23	1
20	QPSK	50	50	21.14	21.15	21.16		
20	QPSK	100	0	21.15	21.24	21.23		
20	16QAM	1	0	21.09	21.23	21.16		
20	16QAM	1	49	21.03	21.24	21.13	23	1
20	16QAM	1	99	21.13	21.20	21.11		
20	16QAM	50	0	20.12	20.26	20.21		
20	16QAM	50	24	20.03	20.18	20.12	22	2
20	16QAM	50	50	20.18	20.09	20.19		
20	16QAM	100	0	20.21	20.19	20.26		
20	64QAM	1	0	20.06	20.19	20.10		
20	64QAM	1	49	20.01	20.19	20.09	22	2
20	64QAM	1	99	20.14	20.19	20.07		
20	64QAM	50	0	19.09	19.21	19.20		
20	64QAM	50	24	19.04	19.21	19.07	21	3
20	64QAM	50	50	19.15	19.18	19.10		
20	64QAM	100	0	19.10	19.22	19.22		
20	256QAM	1	0	17.10	17.22	17.17		
20	256QAM	1	49	17.10	17.17	17.12	19	5
20	256QAM	1	99	17.19	17.19	17.18		
20	256QAM	50	0	17.18	17.24	17.29		
20	256QAM	50	24	17.04	17.26	17.22	19	5
20	256QAM	50	50	17.00	17.26	17.11		
20	256QAM	100	0	17.14	17.26	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.20	22.22		
15	QPSK	1	37	22.12	22.17	22.13	24	0
15	QPSK	1	74	22.11	22.19	22.10		
15	QPSK	36	0	21.26	21.29	21.16		
15	QPSK	36	20	21.11	21.26	21.13	23	1
15	QPSK	36	39	21.09	21.16	21.12		
15	QPSK	75	0	21.24	21.29	21.14		
15	16QAM	1	0	21.20	21.21	21.26		
15	16QAM	1	37	21.11	21.20	21.05	23	1
15	16QAM	1	74	21.07	21.21	21.11		
15	16QAM	36	0	20.22	20.28	20.17		
15	16QAM	36	20	20.17	20.25	20.09	22	2
15	16QAM	36	39	20.06	20.17	20.21		
15	16QAM	75	0	20.20	20.31	20.21		
15	64QAM	1	0	20.14	20.18	20.27		
15	64QAM	1	37	20.05	20.23	20.10	22	2
15	64QAM	1	74	20.14	20.17	20.16		
15	64QAM	36	0	19.22	19.23	19.16		
15	64QAM	36	20	19.18	19.26	19.21	21	3
15	64QAM	36	39	19.07	19.26	19.12		
15	64QAM	75	0	19.31	19.31	19.08		
15	256QAM	1	0	17.29	17.30	17.17		
15	256QAM	1	37	17.13	17.18	17.14	19	5
15	256QAM	1	74	17.08	17.23	17.16		
15	256QAM	36	0	17.22	17.31	17.17		
15	256QAM	36	20	17.12	17.21	17.27	19	5
15	256QAM	36	39	17.13	17.20	17.11		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.19	22.23	22.20		
10	QPSK	1	25	22.19	22.22	22.10	24	0
10	QPSK	1	49	22.12	22.22	22.13		
10	QPSK	25	0	21.22	21.28	21.19		
10	QPSK	25	12	21.10	21.21	21.15	23	1
10	QPSK	25	25	21.09	21.13	21.15		
10	QPSK	50	0	21.25	21.26	21.19		
10	16QAM	1	0	21.21	21.22	21.24		
10	16QAM	1	25	21.07	21.19	21.07	23	1
10	16QAM	1	49	21.05	21.18	21.13		
10	16QAM	25	0	20.24	20.30	20.18		
10	16QAM	25	12	20.16	20.23	20.14	22	2
10	16QAM	25	25	20.07	20.18	20.16		
10	16QAM	50	0	20.20	20.32	20.19		
10	64QAM	1	0	20.15	20.23	20.27		
10	64QAM	1	25	20.08	20.19	20.10	22	2
10	64QAM	1	49	20.12	20.16	20.14		
10	64QAM	25	0	19.23	19.23	19.15		
10	64QAM	25	12	19.21	19.24	19.20	21	3
10	64QAM	25	25	19.06	19.23	19.11		
10	64QAM	50	0	19.33	19.31	19.10		
10	256QAM	1	0	17.28	17.30	17.21		
10	256QAM	1	25	17.15	17.25	17.14	19	5
10	256QAM	1	49	17.06	17.20	17.16		
10	256QAM	25	0	17.27	17.34	17.29		
10	256QAM	25	12	17.11	17.24	17.29	19	5
10	256QAM	25	25	17.13	17.21	17.13		
10	256QAM	50	0	17.05	17.15	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.17	22.20	22.22		
5	QPSK	1	12	22.11	22.21	22.15	24	0
5	QPSK	1	24	22.14	22.20	22.14		
5	QPSK	12	0	21.21	21.27	21.15		
5	QPSK	12	7	21.13	21.23	21.13	23	1
5	QPSK	12	13	21.10	21.23	21.13		
5	QPSK	25	0	21.27	21.26	21.16		
5	16QAM	1	0	21.18	21.24	21.27		
5	16QAM	1	12	21.10	21.20	21.05	23	1
5	16QAM	1	24	21.10	21.16	21.09		
5	16QAM	12	0	20.24	20.31	20.17		
5	16QAM	12	7	20.17	20.23	20.14	22	2
5	16QAM	12	13	20.06	20.22	20.16		
5	16QAM	25	0	20.16	20.28	20.21		
5	64QAM	1	0	20.14	20.19	20.28		
5	64QAM	1	12	20.10	20.22	20.14	22	2
5	64QAM	1	24	20.11	20.19	20.12		
5	64QAM	12	0	19.21	19.23	19.18		
5	64QAM	12	7	19.15	19.22	19.21	21	3
5	64QAM	12	13	19.11	19.22	19.14		
5	64QAM	25	0	19.30	19.31	19.12		
5	256QAM	1	0	17.25	17.27	17.20		
5	256QAM	1	12	17.10	17.28	17.18	19	5
5	256QAM	1	24	17.05	17.24	17.16		
5	256QAM	12	0	17.22	17.33	17.21		
5	256QAM	12	7	17.15	17.19	17.29	19	5
5	256QAM	12	13	17.16	17.20	17.14		
5	256QAM	25	0	17.04	17.10	17.13		
Channel				19950	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.20		
3	QPSK	1	8	22.12	22.24	22.12	24	0
3	QPSK	1	14	22.11	22.20	22.15		
3	QPSK	8	0	21.25	21.32	21.18		
3	QPSK	8	4	21.12	21.24	21.11	23	1
3	QPSK	8	7	21.09	21.20	21.16		
3	QPSK	15	0	21.26	21.28	21.18		
3	16QAM	1	0	21.17	21.21	21.22		
3	16QAM	1	8	21.12	21.20	21.08	23	1
3	16QAM	1	14	21.05	21.15	21.10		
3	16QAM	8	0	20.23	20.30	20.15		
3	16QAM	8	4	20.17	20.21	20.15	22	2
3	16QAM	8	7	20.04	20.22	20.13		
3	16QAM	15	0	20.17	20.31	20.22		
3	64QAM	1	0	20.13	20.23	20.27		
3	64QAM	1	8	20.08	20.19	20.15	22	2
3	64QAM	1	14	20.15	20.17	20.13		
3	64QAM	8	0	19.22	19.26	19.19		
3	64QAM	8	4	19.16	19.22	19.20	21	3
3	64QAM	8	7	19.07	19.24	19.15		
3	64QAM	15	0	19.31	19.30	19.07		
3	256QAM	1	0	17.24	17.27	17.18		
3	256QAM	1	8	17.15	17.28	17.13	19	5
3	256QAM	1	14	17.07	17.23	17.17		
3	256QAM	8	0	17.26	17.31	17.21		
3	256QAM	8	4	17.16	17.22	17.29	19	5
3	256QAM	8	7	17.14	17.21	17.14		
3	256QAM	15	0	17.02	17.14	17.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.19	22.16		
1.4	QPSK	1	3	22.00	22.15	22.10		
1.4	QPSK	1	5	22.05	22.15	22.18	24	0
1.4	QPSK	3	0	22.01	22.08	22.15		
1.4	QPSK	3	1	22.01	22.09	22.03		
1.4	QPSK	3	3	22.05	22.05	22.06		
1.4	QPSK	6	0	21.08	21.26	21.26	23	1
1.4	16QAM	1	0	21.09	21.25	21.18		
1.4	16QAM	1	3	21.05	21.22	21.12		
1.4	16QAM	1	5	21.08	21.18	21.05	23	1
1.4	16QAM	3	0	21.10	21.20	21.18		
1.4	16QAM	3	1	21.02	21.17	21.08		
1.4	16QAM	3	3	21.05	21.15	21.05		
1.4	16QAM	6	0	20.14	20.15	20.30	22	2
1.4	64QAM	1	0	20.09	20.18	20.11		
1.4	64QAM	1	3	20.00	20.13	20.01		
1.4	64QAM	1	5	20.12	20.17	20.07	22	2
1.4	64QAM	3	0	20.05	20.06	20.23		
1.4	64QAM	3	1	20.01	20.06	20.06		
1.4	64QAM	3	3	20.03	20.01	20.01		
1.4	64QAM	6	0	19.11	19.15	19.18	21	3
1.4	256QAM	1	0	17.04	17.27	17.11		
1.4	256QAM	1	3	17.05	17.20	17.08		
1.4	256QAM	1	5	17.16	17.13	17.16	19	5
1.4	256QAM	3	0	17.22	17.14	17.31		
1.4	256QAM	3	1	17.03	17.25	17.17		
1.4	256QAM	3	3	17.25	17.27	17.09		
1.4	256QAM	6	0	17.09	17.21	17.05	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70		
10	QPSK	1	25	22.72	22.71	22.62	24	0
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68		
10	QPSK	25	12	21.75	21.74	21.58	23	1
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.72	21.73	21.59	23	1
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71		
10	16QAM	25	12	20.78	20.75	20.58	22	2
10	16QAM	25	25	20.69	20.63	20.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95	24	0
10	QPSK	1	25	22.86	22.94	22.88		
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95	23	1
10	QPSK	25	12	21.90	21.91	21.90		
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00	23	1
10	16QAM	1	25	21.82	21.90	21.84		
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97	22	2
10	16QAM	25	12	20.88	21.02	20.93		
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95	22	2
10	64QAM	1	25	20.82	20.88	20.80		
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01	21	3
10	64QAM	25	12	19.92	19.91	19.96		
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01	19	5
10	256QAM	1	25	17.84	17.94	17.94		
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97	19	5
10	256QAM	25	12	17.97	17.96	18.02		
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.98		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85	24	0
5	QPSK	1	12	22.81	22.80	22.85		
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88	23	1
5	QPSK	12	7	21.81	21.94	21.77		
5	QPSK	12	13	21.68	21.76	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88	23	1
5	16QAM	1	12	21.69	21.87	21.78		
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88	22	2
5	16QAM	12	7	20.74	20.93	20.91		
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87	22	2
5	64QAM	1	12	20.75	20.79	20.66		
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91	21	3
5	64QAM	12	7	19.79	19.80	19.90		
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96	19	5
5	256QAM	1	12	17.77	17.89	17.85		
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83	19	5
5	256QAM	12	7	17.85	17.88	17.97		
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.66	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.82	22.82	24	0
3	QPSK	1	8	22.77	22.81	22.85		
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92	23	1
3	QPSK	8	4	21.81	21.89	21.86		
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90	23	1
3	16QAM	1	8	21.77	21.83	21.78		
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87	22	2
3	16QAM	8	4	20.81	20.93	20.81		
3	16QAM	8	7	20.74	20.87	20.94		
3	16QAM	15	0	20.94	20.81	20.87		
3	64QAM	1	0	20.85	20.88	20.86	22	2
3	64QAM	1	8	20.69	20.76	20.74		
3	64QAM	1	14	20.71	20.76	20.85		
3	64QAM	8	0	19.86	19.87	19.98	21	3
3	64QAM	8	4	19.90	19.85	19.82		
3	64QAM	8	7	19.73	19.88	19.92		
3	64QAM	15	0	19.91	19.82	19.91		
3	256QAM	1	0	17.86	17.88	17.93	19	5
3	256QAM	1	8	17.79	17.88	17.87		
3	256QAM	1	14	17.66	17.86	17.96		
3	256QAM	8	0	17.88	17.84	17.95	19	5
3	256QAM	8	4	17.89	17.85	17.98		
3	256QAM	8	7	17.77	17.85	17.79		
3	256QAM	15	0	17.65	17.76	17.90		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.83	22.88	22.83	24	0
1.4	QPSK	1	3	22.76	22.90	22.81		
1.4	QPSK	1	5	22.77	22.82	22.84		
1.4	QPSK	3	0	22.76	22.76	22.72		
1.4	QPSK	3	1	22.73	22.77	22.72		
1.4	QPSK	3	3	22.66	22.70	22.71		
1.4	QPSK	6	0	21.92	21.86	21.85	23	1
1.4	16QAM	1	0	21.90	21.79	21.96	23	1
1.4	16QAM	1	3	21.70	21.85	21.79		
1.4	16QAM	1	5	21.73	21.83	21.82		
1.4	16QAM	3	0	21.84	21.74	21.73		
1.4	16QAM	3	1	21.85	21.67	21.88		
1.4	16QAM	3	3	21.58	21.76	21.73		
1.4	16QAM	6	0	20.92	20.84	20.82	22	2
1.4	64QAM	1	0	20.92	20.88	20.83	22	2
1.4	64QAM	1	3	20.80	20.85	20.68		
1.4	64QAM	1	5	20.62	20.78	20.80		
1.4	64QAM	3	0	20.84	20.75	20.78		
1.4	64QAM	3	1	20.78	20.82	20.75		
1.4	64QAM	3	3	20.73	20.82	20.59		
1.4	64QAM	6	0	19.94	19.82	19.80	21	3
1.4	256QAM	1	0	17.77	17.97	17.90	19	5
1.4	256QAM	1	3	17.76	17.84	17.92		
1.4	256QAM	1	5	17.68	17.82	17.93		
1.4	256QAM	3	0	17.83	17.85	17.92		
1.4	256QAM	3	1	17.89	17.93	17.98		
1.4	256QAM	3	3	17.73	17.89	17.80		
1.4	256QAM	6	0	17.68	17.84	17.88	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.94	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.88	22.92	22.91	24	0
10	QPSK	1	25	22.78	22.90	22.84		
10	QPSK	1	49	22.75	22.87	22.82		
10	QPSK	25	0	21.82	21.97	21.90	23	1
10	QPSK	25	12	21.73	21.86	21.82		
10	QPSK	25	25	21.77	21.82	21.76		
10	QPSK	50	0	21.94	21.95	21.90		
10	16QAM	1	0	21.83	21.93	21.88	23	1
10	16QAM	1	25	21.82	21.94	21.87		
10	16QAM	1	49	21.77	21.91	21.84		
10	16QAM	25	0	20.87	20.99	20.96	22	2
10	16QAM	25	12	20.76	20.81	20.81		
10	16QAM	25	25	20.79	20.85	20.81		
10	16QAM	50	0	20.94	20.90	20.95		
10	64QAM	1	0	20.84	20.96	20.93	22	2
10	64QAM	1	25	20.84	20.91	20.90		
10	64QAM	1	49	20.77	20.96	20.79		
10	64QAM	25	0	19.80	20.00	19.88	21	3
10	64QAM	25	12	19.79	19.82	19.81		
10	64QAM	25	25	19.75	19.79	19.73		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.86	17.97	17.90	19	5
10	256QAM	1	25	17.73	17.83	17.82		
10	256QAM	1	49	17.80	17.87	17.80		
10	256QAM	25	0	17.93	17.96	17.97	19	5
10	256QAM	25	12	17.88	17.95	17.87		
10	256QAM	25	25	17.82	17.93	17.83		
10	256QAM	50	0	17.75	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.85	22.86	24	0
5	QPSK	1	12	22.73	22.76	22.76		
5	QPSK	1	24	22.65	22.75	22.78		
5	QPSK	12	0	21.76	21.86	21.76	23	1
5	QPSK	12	7	21.71	21.82	21.71		
5	QPSK	12	13	21.70	21.71	21.71		
5	QPSK	25	0	21.91	21.81	21.91		
5	16QAM	1	0	21.73	21.89	21.81	23	1
5	16QAM	1	12	21.79	21.89	21.84		
5	16QAM	1	24	21.67	21.77	21.78		
5	16QAM	12	0	20.84	20.96	20.83	22	2
5	16QAM	12	7	20.71	20.70	20.74		
5	16QAM	12	13	20.68	20.79	20.79		
5	16QAM	25	0	20.83	20.87	20.92		
5	64QAM	1	0	20.71	20.91	20.80	22	2
5	64QAM	1	12	20.80	20.81	20.81		
5	64QAM	1	24	20.67	20.92	20.70		
5	64QAM	12	0	19.68	19.92	19.82	21	3
5	64QAM	12	7	19.72	19.69	19.68		
5	64QAM	12	13	19.72	19.75	19.63		
5	64QAM	25	0	19.84	19.94	19.84		
5	256QAM	1	0	17.81	17.95	17.84	19	5
5	256QAM	1	12	17.76	17.81	17.78		
5	256QAM	1	24	17.69	17.76	17.70		
5	256QAM	12	0	17.82	17.89	17.86	19	5
5	256QAM	12	7	17.78	17.85	17.77		
5	256QAM	12	13	17.74	17.82	17.79		
5	256QAM	25	0	17.70	17.81	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.11	22.15	22.08		
20	QPSK	1	49	22.00	22.05	21.97	23	0
20	QPSK	1	99	21.98	22.14	22.03		
20	QPSK	50	0	21.04	21.23	21.17		
20	QPSK	50	24	20.96	21.16	20.91	22	1
20	QPSK	50	50	20.92	21.03	20.98		
20	QPSK	100	0	21.07	21.20	21.06		
20	16QAM	1	0	21.16	21.18	21.03		
20	16QAM	1	49	21.03	21.17	20.93	22	1
20	16QAM	1	99	20.94	21.11	21.01		
20	16QAM	50	0	20.06	20.16	20.01		
20	16QAM	50	24	19.92	20.20	19.87	21	2
20	16QAM	50	50	19.84	20.00	19.94		
20	16QAM	100	0	20.00	20.20	20.12		
20	64QAM	1	0	20.09	20.14	20.17		
20	64QAM	1	49	20.05	20.05	19.97	21	2
20	64QAM	1	99	19.93	20.15	20.01		
20	64QAM	50	0	19.14	19.16	19.01		
20	64QAM	50	24	18.96	19.24	18.92	20	3
20	64QAM	50	50	18.91	18.97	18.94		
20	64QAM	100	0	19.15	19.23	19.09		
20	256QAM	1	0	17.14	17.08	17.04		
20	256QAM	1	49	17.01	17.07	16.88	18	5
20	256QAM	1	99	16.91	16.96	16.93		
20	256QAM	50	0	17.06	17.14	17.14		
20	256QAM	50	24	17.20	17.16	17.14	18	5
20	256QAM	50	50	17.11	17.16	16.99		
20	256QAM	100	0	17.00	17.13	17.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.02	22.05	21.98		
15	QPSK	1	37	21.97	22.00	21.91	23	0
15	QPSK	1	74	21.85	22.10	21.94		
15	QPSK	36	0	20.95	21.17	21.05		
15	QPSK	36	20	20.89	21.12	20.84	22	1
15	QPSK	36	39	20.85	20.99	20.85		
15	QPSK	75	0	21.05	21.09	21.01		
15	16QAM	1	0	21.02	21.09	21.00		
15	16QAM	1	37	20.91	21.15	20.89	22	1
15	16QAM	1	74	20.87	21.05	20.90		
15	16QAM	36	0	20.02	20.10	19.96		
15	16QAM	36	20	19.87	20.11	19.76	21	2
15	16QAM	36	39	19.78	19.93	19.88		
15	16QAM	75	0	19.97	20.16	20.06		
15	64QAM	1	0	19.95	20.03	20.05		
15	64QAM	1	37	19.91	19.95	19.95	21	2
15	64QAM	1	74	19.89	20.13	19.98		
15	64QAM	36	0	19.08	19.05	18.88		
15	64QAM	36	20	18.86	19.17	18.78	20	3
15	64QAM	36	39	18.89	18.90	18.88		
15	64QAM	75	0	19.02	19.15	19.03		
15	256QAM	1	0	17.08	16.95	16.94		
15	256QAM	1	37	16.92	16.96	16.83	18	5
15	256QAM	1	74	16.81	16.91	16.91		
15	256QAM	36	0	16.98	17.08	17.08		
15	256QAM	36	20	17.14	17.10	17.11	18	5
15	256QAM	36	39	17.09	17.14	16.86		
15	256QAM	75	0	16.90	17.08	17.04		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.08	22.03	22.06		
10	QPSK	1	25	21.93	21.96	21.84	23	0
10	QPSK	1	49	21.89	22.10	21.99		
10	QPSK	25	0	21.00	21.17	21.11		
10	QPSK	25	12	20.89	21.06	20.77	22	1
10	QPSK	25	25	20.79	20.90	20.93		
10	QPSK	50	0	21.03	21.17	21.02		
10	16QAM	1	0	21.11	21.13	20.94		
10	16QAM	1	25	20.93	21.09	20.80	22	1
10	16QAM	1	49	20.87	21.06	20.95		
10	16QAM	25	0	20.01	20.10	19.98		
10	16QAM	25	12	19.87	20.13	19.84	21	2
10	16QAM	25	25	19.81	19.95	19.81		
10	16QAM	50	0	19.98	20.10	20.02		
10	64QAM	1	0	20.03	20.00	20.13		
10	64QAM	1	25	19.94	19.99	19.92	21	2
10	64QAM	1	49	19.81	20.03	19.99		
10	64QAM	25	0	19.00	19.10	18.90		
10	64QAM	25	12	18.82	19.19	18.82	20	3
10	64QAM	25	25	18.78	18.85	18.84		
10	64QAM	50	0	19.04	19.16	19.03		
10	256QAM	1	0	17.03	17.00	16.99		
10	256QAM	1	25	16.87	17.05	16.77	18	5
10	256QAM	1	49	16.86	16.93	16.86		
10	256QAM	25	0	17.00	17.01	17.07		
10	256QAM	25	12	17.12	17.09	17.02	18	5
10	256QAM	25	25	17.03	17.12	16.94		
10	256QAM	50	0	16.94	17.00	16.97		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.06	22.11	22.06		
5	QPSK	1	12	21.88	22.01	21.93	23	0
5	QPSK	1	24	21.94	22.05	21.89		
5	QPSK	12	0	20.97	21.21	21.09		
5	QPSK	12	7	20.87	21.08	20.84	22	1
5	QPSK	12	13	20.82	20.98	20.85		
5	QPSK	25	0	21.00	21.10	20.99		
5	16QAM	1	0	21.10	21.15	20.95		
5	16QAM	1	12	20.99	21.11	20.90	22	1
5	16QAM	1	24	20.86	20.99	20.91		
5	16QAM	12	0	19.96	20.14	19.96		
5	16QAM	12	7	19.79	20.09	19.82	21	2
5	16QAM	12	13	19.77	19.95	19.81		
5	16QAM	25	0	19.88	20.11	20.09		
5	64QAM	1	0	20.06	20.12	20.05		
5	64QAM	1	12	19.91	20.03	19.85	21	2
5	64QAM	1	24	19.80	20.06	19.92		
5	64QAM	12	0	19.11	19.03	18.97		
5	64QAM	12	7	18.91	19.11	18.79	20	3
5	64QAM	12	13	18.88	18.93	18.91		
5	64QAM	25	0	19.05	19.11	18.99		
5	256QAM	1	0	17.10	16.95	17.01		
5	256QAM	1	12	16.95	17.02	16.80	18	5
5	256QAM	1	24	16.88	16.85	16.85		
5	256QAM	12	0	17.01	17.11	17.05		
5	256QAM	12	7	17.15	17.11	17.03	18	5
5	256QAM	12	13	17.07	17.09	16.87		
5	256QAM	25	0	16.96	17.02	17.00		
Channel				26025	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.08	22.04	21.98		
3	QPSK	1	8	21.90	21.99	21.93	23	0
3	QPSK	1	14	21.94	22.01	21.98		
3	QPSK	8	0	20.98	21.17	21.04		
3	QPSK	8	4	20.85	21.05	20.79	22	1
3	QPSK	8	7	20.84	20.92	20.90		
3	QPSK	15	0	20.98	21.11	21.01		
3	16QAM	1	0	21.05	21.16	21.00		
3	16QAM	1	8	20.97	21.10	20.82	22	1
3	16QAM	1	14	20.85	21.01	20.94		
3	16QAM	8	0	19.98	20.06	19.91		
3	16QAM	8	4	19.86	20.06	19.81	21	2
3	16QAM	8	7	19.75	19.95	19.82		
3	16QAM	15	0	19.93	20.17	20.00		
3	64QAM	1	0	20.06	20.07	20.08		
3	64QAM	1	8	19.93	19.98	19.91	21	2
3	64QAM	1	14	19.79	20.03	19.97		
3	64QAM	8	0	19.07	19.13	18.98		
3	64QAM	8	4	18.91	19.17	18.79	20	3
3	64QAM	8	7	18.83	18.88	18.88		
3	64QAM	15	0	19.05	19.17	19.03		
3	256QAM	1	0	17.08	16.96	16.94		
3	256QAM	1	8	16.92	16.94	16.83	18	5
3	256QAM	1	14	16.84	16.91	16.90		
3	256QAM	8	0	16.93	17.01	17.04		
3	256QAM	8	4	17.18	17.05	17.04	18	5
3	256QAM	8	7	17.02	17.14	16.90		
3	256QAM	15	0	16.89	17.03	16.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.06	22.01	22.04		
1.4	QPSK	1	3	21.89	21.95	21.93		
1.4	QPSK	1	5	21.90	22.03	21.89	23	0
1.4	QPSK	3	0	21.96	21.98	21.99		
1.4	QPSK	3	1	21.81	21.82	21.85		
1.4	QPSK	3	3	21.82	21.90	21.82		
1.4	QPSK	6	0	21.00	21.14	21.00	22	1
1.4	16QAM	1	0	21.14	21.11	20.90		
1.4	16QAM	1	3	20.96	21.12	20.83		
1.4	16QAM	1	5	20.87	21.01	20.91	22	1
1.4	16QAM	3	0	20.96	21.01	20.88		
1.4	16QAM	3	1	21.06	21.01	20.87		
1.4	16QAM	3	3	20.93	21.01	20.71		
1.4	16QAM	6	0	19.91	20.14	20.07	21	2
1.4	64QAM	1	0	20.01	20.03	20.13		
1.4	64QAM	1	3	20.01	19.98	19.90		
1.4	64QAM	1	5	19.90	20.13	19.95	21	2
1.4	64QAM	3	0	19.85	20.04	19.96		
1.4	64QAM	3	1	19.93	19.99	20.06		
1.4	64QAM	3	3	19.95	19.86	19.85		
1.4	64QAM	6	0	19.03	19.13	19.00	20	3
1.4	256QAM	1	0	17.08	17.03	16.90		
1.4	256QAM	1	3	16.97	17.00	16.79		
1.4	256QAM	1	5	16.86	16.88	16.85	18	5
1.4	256QAM	3	0	17.03	17.05	17.06		
1.4	256QAM	3	1	17.10	17.10	17.08		
1.4	256QAM	3	3	17.07	17.10	16.85		
1.4	256QAM	6	0	16.93	17.11	16.97	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.73		
15	QPSK	1	37	22.64	22.83	22.70	24	0
15	QPSK	1	74	22.66	22.82	22.69		
15	QPSK	36	0	21.81	21.87	21.73		
15	QPSK	36	20	21.68	21.80	21.65	23	1
15	QPSK	36	39	21.62	21.78	21.59		
15	QPSK	75	0	21.71	21.85	21.73		
15	16QAM	1	0	21.78	21.83	21.77		
15	16QAM	1	37	21.64	21.88	21.65	23	1
15	16QAM	1	74	21.61	21.84	21.62		
15	16QAM	36	0	20.84	20.86	20.74		
15	16QAM	36	20	20.63	20.93	20.61	22	2
15	16QAM	36	39	20.66	20.73	20.56		
15	16QAM	75	0	20.68	20.80	20.77		
15	64QAM	1	0	20.76	20.78	20.78		
15	64QAM	1	37	20.67	20.82	20.70	22	2
15	64QAM	1	74	20.55	20.79	20.59		
15	64QAM	36	0	19.79	19.89	19.71		
15	64QAM	36	20	19.69	19.87	19.68	21	3
15	64QAM	36	39	19.62	19.78	19.63		
15	64QAM	75	0	19.75	19.89	19.78		
15	256QAM	1	0	17.75	17.85	17.69		
15	256QAM	1	37	17.67	17.92	17.69	19	5
15	256QAM	1	74	17.65	17.74	17.60		
15	256QAM	36	0	17.71	17.89	17.79		
15	256QAM	36	20	17.75	17.79	17.76	19	5
15	256QAM	36	39	17.69	17.93	17.60		
15	256QAM	75	0	17.60	17.89	17.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.66	22.70	22.64		
10	QPSK	1	25	22.55	22.70	22.61	24	0
10	QPSK	1	49	22.58	22.75	22.52		
10	QPSK	25	0	21.72	21.77	21.62		
10	QPSK	25	12	21.57	21.74	21.56	23	1
10	QPSK	25	25	21.51	21.69	21.48		
10	QPSK	50	0	21.60	21.78	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.60	21.74	21.53	23	1
10	16QAM	1	49	21.54	21.70	21.57		
10	16QAM	25	0	20.76	20.82	20.65		
10	16QAM	25	12	20.57	20.81	20.49	22	2
10	16QAM	25	25	20.53	20.69	20.44		
10	16QAM	50	0	20.61	20.68	20.73		
10	64QAM	1	0	20.72	20.70	20.75		
10	64QAM	1	25	20.62	20.70	20.60	22	2
10	64QAM	1	49	20.52	20.65	20.56		
10	64QAM	25	0	19.75	19.80	19.66		
10	64QAM	25	12	19.54	19.77	19.54	21	3
10	64QAM	25	25	19.57	19.71	19.59		
10	64QAM	50	0	19.71	19.85	19.68		
10	256QAM	1	0	17.62	17.73	17.61		
10	256QAM	1	25	17.57	17.82	17.61	19	5
10	256QAM	1	49	17.58	17.67	17.46		
10	256QAM	25	0	17.65	17.85	17.66		
10	256QAM	25	12	17.68	17.65	17.68	19	5
10	256QAM	25	25	17.65	17.80	17.54		
10	256QAM	50	0	17.55	17.75	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.69	22.71	22.65		
5	QPSK	1	12	22.53	22.70	22.61	24	0
5	QPSK	1	24	22.59	22.72	22.49		
5	QPSK	12	0	21.76	21.73	21.58		
5	QPSK	12	7	21.54	21.77	21.56	23	1
5	QPSK	12	13	21.54	21.69	21.55		
5	QPSK	25	0	21.67	21.80	21.67		
5	16QAM	1	0	21.69	21.77	21.66		
5	16QAM	1	12	21.59	21.81	21.60	23	1
5	16QAM	1	24	21.57	21.76	21.56		
5	16QAM	12	0	20.80	20.74	20.67		
5	16QAM	12	7	20.59	20.83	20.57	22	2
5	16QAM	12	13	20.53	20.64	20.47		
5	16QAM	25	0	20.55	20.72	20.71		
5	64QAM	1	0	20.66	20.69	20.70		
5	64QAM	1	12	20.53	20.72	20.61	22	2
5	64QAM	1	24	20.52	20.72	20.55		
5	64QAM	12	0	19.75	19.79	19.58		
5	64QAM	12	7	19.57	19.82	19.54	21	3
5	64QAM	12	13	19.52	19.72	19.59		
5	64QAM	25	0	19.72	19.77	19.64		
5	256QAM	1	0	17.71	17.75	17.54		
5	256QAM	1	12	17.55	17.81	17.65	19	5
5	256QAM	1	24	17.58	17.67	17.51		
5	256QAM	12	0	17.60	17.80	17.68		
5	256QAM	12	7	17.62	17.70	17.72	19	5
5	256QAM	12	13	17.63	17.79	17.45		
5	256QAM	25	0	17.45	17.79	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.72	22.72	22.63		
3	QPSK	1	8	22.56	22.80	22.59	24	0
3	QPSK	1	14	22.57	22.69	22.54		
3	QPSK	8	0	21.77	21.78	21.69		
3	QPSK	8	4	21.61	21.77	21.54	23	1
3	QPSK	8	7	21.50	21.63	21.55		
3	QPSK	15	0	21.56	21.78	21.62		
3	16QAM	1	0	21.70	21.76	21.67		
3	16QAM	1	8	21.55	21.85	21.53	23	1
3	16QAM	1	14	21.48	21.79	21.52		
3	16QAM	8	0	20.79	20.77	20.67		
3	16QAM	8	4	20.51	20.88	20.53	22	2
3	16QAM	8	7	20.55	20.60	20.47		
3	16QAM	15	0	20.55	20.70	20.64		
3	64QAM	1	0	20.66	20.74	20.72		
3	64QAM	1	8	20.63	20.70	20.60	22	2
3	64QAM	1	14	20.41	20.73	20.53		
3	64QAM	8	0	19.64	19.81	19.58		
3	64QAM	8	4	19.56	19.74	19.61	21	3
3	64QAM	8	7	19.58	19.72	19.59		
3	64QAM	15	0	19.68	19.82	19.75		
3	256QAM	1	0	17.69	17.74	17.64		
3	256QAM	1	8	17.56	17.88	17.60	19	5
3	256QAM	1	14	17.52	17.61	17.52		
3	256QAM	8	0	17.62	17.82	17.71		
3	256QAM	8	4	17.65	17.72	17.72	19	5
3	256QAM	8	7	17.65	17.79	17.51		
3	256QAM	15	0	17.54	17.75	17.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.68	22.74	22.68		
1.4	QPSK	1	3	22.57	22.72	22.61		
1.4	QPSK	1	5	22.55	22.79	22.49	24	0
1.4	QPSK	3	0	22.57	22.65	22.58		
1.4	QPSK	3	1	22.48	22.67	22.56		
1.4	QPSK	3	3	22.43	22.67	22.42		
1.4	QPSK	6	0	21.66	21.76	21.58	23	1
1.4	16QAM	1	0	21.68	21.76	21.65		
1.4	16QAM	1	3	21.55	21.80	21.59		
1.4	16QAM	1	5	21.53	21.78	21.56	23	1
1.4	16QAM	3	0	21.54	21.64	21.44		
1.4	16QAM	3	1	21.61	21.62	21.58		
1.4	16QAM	3	3	21.41	21.66	21.56		
1.4	16QAM	6	0	20.61	20.76	20.73	22	2
1.4	64QAM	1	0	20.61	20.69	20.66		
1.4	64QAM	1	3	20.61	20.76	20.66		
1.4	64QAM	1	5	20.50	20.64	20.55	22	2
1.4	64QAM	3	0	20.50	20.69	20.59		
1.4	64QAM	3	1	20.57	20.59	20.53		
1.4	64QAM	3	3	20.55	20.67	20.55		
1.4	64QAM	6	0	19.66	19.84	19.67	21	3
1.4	256QAM	1	0	17.62	17.76	17.56		
1.4	256QAM	1	3	17.56	17.86	17.65		
1.4	256QAM	1	5	17.55	17.68	17.48	19	5
1.4	256QAM	3	0	17.64	17.78	17.74		
1.4	256QAM	3	1	17.66	17.72	17.69		
1.4	256QAM	3	3	17.63	17.87	17.51		
1.4	256QAM	6	0	17.52	17.81	17.56	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58			
10	QPSK	1	25		22.55		23.7	0
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62			
10	QPSK	25	12		21.52		23	0.7
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56			
10	16QAM	1	25		21.53		23	0.7
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66			
10	16QAM	25	12		20.47		22	1.7
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55			
10	64QAM	1	25		20.51		22	1.7
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64			
10	64QAM	25	12		19.51		21	2.7
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56			
10	256QAM	1	25		17.51		19	4.7
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60			
10	256QAM	25	12		17.50		19	4.7
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50		
5	QPSK	1	12	22.42	22.49	22.45	23.7	0
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49		
5	QPSK	12	7	21.48	21.39	21.48	23	0.7
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42		
5	16QAM	1	12	21.50	21.42	21.51	23	0.7
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60		
5	16QAM	12	7	20.35	20.36	20.37	22	1.7
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45		
5	64QAM	1	12	20.39	20.48	20.42	22	1.7
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53		
5	64QAM	12	7	19.48	19.48	19.43	21	2.7
5	64QAM	12	13	19.56	19.53

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.28	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.20	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.18	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131827	132322	132817	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.51		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.54		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54	22	2
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.69	22.76	22.73	24	0
20	QPSK	1	49	22.62	22.72	22.60		
20	QPSK	1	99	22.65	22.70	22.63		
20	QPSK	50	0	21.72	21.81	21.78	23	1
20	QPSK	50	24	21.67	21.71	21.58		
20	QPSK	50	50	21.69	21.75	21.65		
20	QPSK	100	0	21.68	21.79	21.72		
20	16QAM	1	0	21.63	21.76	21.68	23	1
20	16QAM	1	49	21.63	21.72	21.56		
20	16QAM	1	99	21.62	21.65	21.57		
20	16QAM	50	0	20.73	20.78	20.80	22	2
20	16QAM	50	24	20.70	20.74	20.63		
20	16QAM	50	50	20.63	20.70	20.65		
20	16QAM	100	0	20.62	20.81	20.77		
20	64QAM	1	0	20.58	20.79	20.67	22	2
20	64QAM	1	49	20.60	20.77	20.59		
20	64QAM	1	99	20.62	20.67	20.58		
20	64QAM	50	0	19.73	19.81	19.78	21	3
20	64QAM	50	24	19.72	19.70	19.59		
20	64QAM	50	50	19.64	19.79	19.68		
20	64QAM	100	0	19.72	19.75	19.84		
20	256QAM	1	0	17.75	17.81	17.75	19	5
20	256QAM	1	49	17.65	17.72	17.62		
20	256QAM	1	99	17.65	17.72	17.63		
20	256QAM	50	0	17.66	17.84	17.74	19	5
20	256QAM	50	24	17.63	17.79	17.66		
20	256QAM	50	50	17.64	17.72	17.56		
20	256QAM	100	0	17.63	17.68	17.52		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.63	22.67	22.60	24	0
15	QPSK	1	37	22.58	22.64	22.56		
15	QPSK	1	74	22.62	22.68	22.51		
15	QPSK	36	0	21.60	21.74	21.67	23	1
15	QPSK	36	20	21.59	21.60	21.48		
15	QPSK	36	39	21.59	21.63	21.56		
15	QPSK	75	0	21.54	21.75	21.71		
15	16QAM	1	0	21.54	21.64	21.64	23	1
15	16QAM	1	37	21.59	21.61	21.46		
15	16QAM	1	74	21.50	21.63	21.49		
15	16QAM	36	0	20.68	20.72	20.73	22	2
15	16QAM	36	20	20.60	20.65	20.52		
15	16QAM	36	39	20.52	20.57	20.61		
15	16QAM	75	0	20.54	20.72	20.71		
15	64QAM	1	0	20.51	20.66	20.61	22	2
15	64QAM	1	37	20.57	20.63	20.52		
15	64QAM	1	74	20.57	20.63	20.47		
15	64QAM	36	0	19.70	19.79	19.68	21	3
15	64QAM	36	20	19.62	19.58	19.46		
15	64QAM	36	39	19.56	19.71	19.58		
15	64QAM	75	0	19.69	19.64	19.71		
15	256QAM	1	0	17.68	17.72	17.62	19	5
15	256QAM	1	37	17.62	17.63	17.51		
15	256QAM	1	74	17.52	17.62	17.57		
15	256QAM	36	0	17.54	17.73	17.66	19	5
15	256QAM	36	20	17.49	17.70	17.56		
15	256QAM	36	39	17.52	17.60	17.54		
15	256QAM	75	0	17.55	17.56	17.41		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.58	22.73	22.69	24	0
10	QPSK	1	25	22.50	22.62	22.57		
10	QPSK	1	49	22.51	22.62	22.55		
10	QPSK	25	0	21.64	21.71	21.69	23	1
10	QPSK	25	12	21.53	21.58	21.55		
10	QPSK	25	25	21.57	21.62	21.59		
10	QPSK	50	0	21.55	21.75	21.69		
10	16QAM	1	0	21.51	21.74	21.58	23	1
10	16QAM	1	25	21.49	21.65	21.46		
10	16QAM	1	49	21.55	21.57	21.53		
10	16QAM	25	0	20.66	20.72	20.68	22	2
10	16QAM	25	12	20.68	20.65	20.59		
10	16QAM	25	25	20.56	20.67	20.55		
10	16QAM	50	0	20.53	20.71	20.73		
10	64QAM	1	0	20.48	20.70	20.56	22	2
10	64QAM	1	25	20.55	20.63	20.46		
10	64QAM	1	49	20.54	20.64	20.47		
10	64QAM	25	0	19.71	19.68	19.75	21	3
10	64QAM	25	12	19.67	19.67	19.49		
10	64QAM	25	25	19.52	19.71	19.57		
10	64QAM	50	0	19.67	19.66	19.75		
10	256QAM	1	0	17.65	17.71	17.70	19	5
10	256QAM	1	25	17.58	17.63	17.49		
10	256QAM	1	49	17.59	17.60	17.50		
10	256QAM	25	0	17.56	17.76	17.64	19	5
10	256QAM	25	12	17.53	17.76	17.62		
10	256QAM	25	25	17.57	17.65	17.47		
10	256QAM	50	0	17.58	17.59	17.48		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.63	22.69	22.67	24	0
5	QPSK	1	12	22.57	22.60	22.55		
5	QPSK	1	24	22.58	22.57	22.54		
5	QPSK	12	0	21.66	21.79	21.72	23	1
5	QPSK	12	7	21.62	21.69	21.50		
5	QPSK	12	13	21.60	21.63	21.62		
5	QPSK	25	0	21.65	21.75	21.68		
5	16QAM	1	0	21.56	21.69	21.59	23	1
5	16QAM	1	12	21.59	21.63	21.45		
5	16QAM	1	24	21.51	21.51	21.53		
5	16QAM	12	0	20.70	20.73	20.66	22	2
5	16QAM	12	7	20.59	20.61	20.57		
5	16QAM	12	13	20.58	20.57	20.54		
5	16QAM	25	0	20.59	20.72	20.65		
5	64QAM	1	0	20.49	20.69	20.60	22	2
5	64QAM	1	12	20.55	20.63	20.53		
5	64QAM	1	24	20.57	20.56	20.46		
5	64QAM	12	0	19.70	19.68	19.65	21	3
5	64QAM	12	7	19.69	19.61	19.47		
5	64QAM	12	13	19.60	19.65	19.62		
5	64QAM	25	0	19.62	19.70	19.78		
5	256QAM	1	0	17.68	17.68	17.66	19	5
5	256QAM	1	12	17.54	17.59	17.53		
5	256QAM	1	24	17.55	17.64	17.53		
5	256QAM	12	0	17.58	17.72	17.61	19	5
5	256QAM	12	7	17.50	17.70	17.53		
5	256QAM	12	13	17.53	17.70	17.52		
5	256QAM	25	0	17.51	17.58	17.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.38	23.45	23.27	23.41	24	0
20	QPSK	1	49	23.32	23.31	23.43	23.31	23.32		
20	QPSK	1	99	23.29	23.35	23.41	23.24	23.33		
20	QPSK	50	0	22.36	22.36	22.50	22.31	22.45	23	1
20	QPSK	50	24	22.34	22.32	22.44	22.26	22.37		
20	QPSK	50	50	22.25	22.33	22.39	22.20	22.36		
20	QPSK	100	0	22.38	22.36	22.47	22.37	22.37		
20	16QAM	1	0	22.38	22.33	22.45	22.31	22.46	23	1
20	16QAM	1	49	22.32	22.35	22.38	22.35	22.32		
20	16QAM	1	99	22.27	22.41	22.39	22.30	22.34		
20	16QAM	50	0	21.36	21.36	21.44	21.32	21.46	22	2
20	16QAM	50	24	21.39	21.34	21.39	21.25	21.40		
20	16QAM	50	50	21.26	21.32	21.38	21.24	21.31		
20	16QAM	100	0	21.38	21.39	21.52	21.33	21.38		
20	64QAM	1	0	21.41	21.32	21.46	21.26	21.42	22	2
20	64QAM	1	49	21.28	21.39	21.41	21.38	21.38		
20	64QAM	1	99	21.33	21.39	21.36	21.32	21.35		
20	64QAM	50	0	20.33	20.34	20.47	20.26	20.40	21	3
20	64QAM	50	24	20.28	20.37	20.44	20.26	20.43		
20	64QAM	50	50	20.30	20.34	20.34	20.17	20.33		
20	64QAM	100	0	20.32	20.34	20.43	20.33	20.39		
20	256QAM	1	0	18.33	18.34	18.54	18.27	18.41	19	5
20	256QAM	1	49	18.31	18.38	18.42	18.31	18.40		
20	256QAM	1	99	18.27	18.38	18.35	18.15	18.34		
20	256QAM	50	0	18.41	18.35	18.47	18.42	18.41	19	5
20	256QAM	50	24	18.35	18.33	18.45	18.27	18.40		
20	256QAM	50	50	18.37	18.30	18.41	18.41	18.27		
20	256QAM	100	0	18.22	18.46	18.35	18.32	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.37	23.24	23.36	23.25	23.28	24.00	0
15	QPSK	1	37	23.22	23.18	23.32	23.20	23.24		
15	QPSK	1	74	23.24	23.26	23.37	23.21	23.25		
15	QPSK	36	0	22.24	22.25	22.45	22.18	22.37	23	1
15	QPSK	36	20	22.28	22.25	22.42	22.22	22.24		
15	QPSK	36	39	22.18	22.29	22.27	22.07	22.23		
15	QPSK	75	0	22.24	22.33	22.44	22.26	22.30		
15	16QAM	1	0	22.26	22.29	22.33	22.28	22.42	23	1
15	16QAM	1	37	22.19	22.26	22.34	22.22	22.29		
15	16QAM	1	74	22.14	22.37	22.26	22.24	22.23		
15	16QAM	36	0	21.26	21.29	21.37	21.22	21.38	22	2
15	16QAM	36	20	21.35	21.26	21.31	21.20	21.34		
15	16QAM	36	39	21.23	21.21	21.24	21.17	21.22		
15	16QAM	75	0	21.26	21.32	21.46	21.30	21.35		
15	64QAM	1	0	21.39	21.25	21.34	21.24	21.29	22	2
15	64QAM	1	37	21.23	21.28	21.37	21.26	21.25		
15	64QAM	1	74	21.27	21.34	21.29	21.25	21.30		
15	64QAM	36	0	20.23	20.23	20.42	20.13	20.37	21	3
15	64QAM	36	20	20.23	20.26	20.31	20.18	20.32		
15	64QAM	36	39	20.18	20.32	20.31	20.12	20.25		
15	64QAM	75	0	20.22	20.24	20.32	20.30	20.33		
15	256QAM	1	0	18.24	18.21	18.44	18.24	18.32	19	5
15	256QAM	1	37	18.22	18.34	18.40	18.29	18.26		
15	256QAM	1	74	18.17	18.29	18.25	18.06	18.21		
15	256QAM	36	0	18.28	18.24	18.33	18.37	18.36	19	5
15	256QAM	36	20	18.23	18.23	18.33	18.24	18.32		
15	256QAM	36	39	18.33	18.19	18.36	18.38	18.14		
15	256QAM	75	0	18.15	18.38	18.23	18.28	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.32	23.35	23.35	23.32	23.35	24.00	0
10	QPSK	1	25	23.21	23.18	23.39	23.22	23.28		
10	QPSK	1	49	23.27	23.27	23.31	23.18	23.29		
10	QPSK	25	0	22.33	22.24	22.48	22.25	22.32	23	1
10	QPSK	25	12	22.23	22.21	22.35	22.12	22.32		
10	QPSK	25	25	22.19	22.20	22.27	22.10	22.31		
10	QPSK	50	0	22.29	22.31	22.44	22.31	22.31		
10	16QAM	1	0	22.25	22.30	22.37	22.28	22.36	23	1
10	16QAM	1	25	22.19	22.29	22.34	22.32	22.25		
10	16QAM	1	49	22.17	22.33	22.27	22.24	22.24		
10	16QAM	25	0	21.32	21.29	21.40	21.24	21.43	22	2
10	16QAM	25	12	21.27	21.22	21.33	21.22	21.34		
10	16QAM	25	25	21.15	21.29	21.33	21.21	21.17		
10	16QAM	50	0	21.32	21.25	21.48	21.29	21.24		
10	64QAM	1	0	21.36	21.23	21.43	21.14	21.35	22	2
10	64QAM	1	25	21.24	21.32	21.35	21.27	21.33		
10	64QAM	1	49	21.25	21.34	21.33	21.21	21.28		
10	64QAM	25	0	20.27	20.22	20.41	20.17	20.27	21	3
10	64QAM	25	12	20.16	20.29	20.40	20.17	20.35		
10	64QAM	25	25	20.24	20.28	20.26	20.05	20.30		
10	64QAM	50	0	20.28	20.27	20.37	20.22	20.33		
10	256QAM	1	0	18.19	18.22	18.50	18.23	18.33	19	5
10	256QAM	1	25	18.26	18.31	18.29	18.21	18.33		
10	256QAM	1	49	18.23	18.33	18.27	18.05	18.30		
10	256QAM	25	0	18.32	18.24	18.42	18.32	18.37	19	5
10	256QAM	25	12	18.30	18.29	18.34	18.24	18.32		
10	256QAM	25	25	18.29	18.18	18.29	18.29	18.14		
10	256QAM	50	0	18.16	18.35	18.23	18.24	18.25		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	23.35	23.26	23.37	23.26	23.29	24.00	0
5	QPSK	1	12	23.26	23.25	23.37	23.17	23.27		
5	QPSK	1	24	23.19	23.25	23.37	23.12	23.20		
5	QPSK	12	0	22.23	22.29	22.42	22.27	22.41	23	1
5	QPSK	12	7	22.23	22.27	22.30	22.14	22.28		
5	QPSK	12	13	22.13	22.27	22.36	22.12	22.28		
5	QPSK	25	0	22.27	22.26	22.35	22.23	22.28		
5	16QAM	1	0	22.33	22.27	22.42	22.26	22.40	23	1
5	16QAM	1	12	22.21	22.26	22.24	22.23	22.18		
5	16QAM	1	24	22.19	22.37	22.32	22.27	22.22		
5	16QAM	12	0	21.29	21.33	21.32	21.20	21.43	22	2
5	16QAM	12	7	21.30	21.29	21.37	21.18	21.37		
5	16QAM	12	13	21.16	21.18	21.27	21.13	21.27		
5	16QAM	25	0	21.34	21.26	21.47	21.30	21.32		
5	64QAM	1	0	21.37	21.20	21.39	21.20	21.30	22	2
5	64QAM	1	12	21.17	21.29	21.29	21.26	21.27		
5	64QAM	1	24	21.31	21.26	21.27	21.22	21.26		
5	64QAM	12	0	20.31	20.20	20.41	20.17	20.35	21	3
5	64QAM	12	7	20.15	20.25	20.22	20.23	20.40		
5	64QAM	12	13	20.21	20.28	20.25	20.14	20.23		
5	64QAM	25	0	20.28	20.23	20.38	20.20	20.35		
5	256QAM	1	0	18.26	18.27	18.50	18.15	18.32	19	5
5	256QAM	1	12	18.28	18.27	18.30	18.28	18.29		
5	256QAM	1	24	18.17	18.32	18.21	18.05	18.22		
5	256QAM	12	0	18.32	18.27	18.42	18.37	18.32	19	5
5	256QAM	12	7	18.23	18.23	18.32	18.20	18.29		
5	256QAM	12	13	18.29	18.26	18.33	18.33	18.13		
5	256QAM	25	0	18.19	18.40	18.23	18.21	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.46	25.33	25.50	25.41	25.36	26.4	0
20	QPSK	1	49	25.35	25.34	25.41	25.28	25.38		
20	QPSK	1	99	25.25	25.31	25.41	25.24	25.30		
20	QPSK	50	0	24.36	24.41	24.51	24.29	24.43	26	0.4
20	QPSK	50	24	24.37	24.28	24.49	24.23	24.35		
20	QPSK	50	50	24.25	24.36	24.39	24.18	24.31		
20	QPSK	100	0	24.43	24.33	24.48	24.42	24.35		
20	16QAM	1	0	24.36	24.31	24.46	24.32	24.41	26	0.4
20	16QAM	1	49	24.28	24.35	24.38	24.40	24.27		
20	16QAM	1	99	24.21	24.40	24.37	24.29	24.32		
20	16QAM	50	0	23.42	23.38	23.39	23.31	23.44	25	1.4
20	16QAM	50	24	23.34	23.30	23.37	23.28	23.45		
20	16QAM	50	50	23.24	23.38	23.38	23.21	23.30		
20	16QAM	100	0	23.33	23.42	23.50	23.28	23.34		
20	64QAM	1	0	23.37	23.35	23.41	23.22	23.45	25	1.4
20	64QAM	1	49	23.33	23.44	23.37	23.38	23.42		
20	64QAM	1	99	23.35	23.36	23.34	23.32	23.33		
20	64QAM	50	0	22.32	22.30	22.44	22.28	22.42	24	2.4
20	64QAM	50	24	22.32	22.37	22.49	22.20	22.37		
20	64QAM	50	50	22.29	22.31	22.39	22.13	22.37		
20	64QAM	100	0	22.35	22.33	22.48	22.36	22.37		
20	256QAM	1	0	20.30	20.34	20.56	20.29	20.45	22	4.4
20	256QAM	1	49	20.29	20.40	20.41	20.35	20.44		
20	256QAM	1	99	20.23	20.33	20.33	20.18	20.38		
20	256QAM	50	0	20.42	20.35	20.51	20.36	20.42	22	4.4
20	256QAM	50	24	20.29	20.34	20.46	20.28	20.42		
20	256QAM	50	50	20.42	20.35	20.37	20.44	20.25		
20	256QAM	100	0	20.18	20.46	20.35	20.37	20.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	25.41	25.28	25.43	25.36	25.26	26.40	0
15	QPSK	1	37	25.29	25.29	25.38	25.21	25.36		
15	QPSK	1	74	25.15	25.24	25.31	25.15	25.19		
15	QPSK	36	0	24.28	24.29	24.42	24.17	24.34	26	0.4
15	QPSK	36	20	24.31	24.20	24.43	24.19	24.22		
15	QPSK	36	39	24.13	24.28	24.32	24.07	24.27		
15	QPSK	75	0	24.40	24.28	24.42	24.29	24.30		
15	16QAM	1	0	24.27	24.19	24.44	24.19	24.32	26	0.4
15	16QAM	1	37	24.21	24.23	24.25	24.38	24.22		
15	16QAM	1	74	24.11	24.28	24.25	24.23	24.28		
15	16QAM	36	0	23.28	23.31	23.30	23.18	23.40	25	1.4
15	16QAM	36	20	23.21	23.23	23.34	23.20	23.34		
15	16QAM	36	39	23.13	23.33	23.30	23.16	23.28		
15	16QAM	75	0	23.23	23.35	23.38	23.26	23.25		
15	64QAM	1	0	23.32	23.29	23.38	23.13	23.31	25	1.4
15	64QAM	1	37	23.30	23.41	23.30	23.36	23.32		
15	64QAM	1	74	23.29	23.27	23.29	23.30	23.31		
15	64QAM	36	0	22.29	22.24	22.35	22.18	22.33	24	2.4
15	64QAM	36	20	22.19	22.30	22.41	22.14	22.33		
15	64QAM	36	39	22.20	22.21	22.29	22.06	22.25		
15	64QAM	75	0	22.24	22.20	22.44	22.26	22.30		
15	256QAM	1	0	20.22	20.21	20.49	20.19	20.42	22	4.4
15	256QAM	1	37	20.22	20.29	20.32	20.29	20.42		
15	256QAM	1	74	20.20	20.25	20.22	20.12	20.27		
15	256QAM	36	0	20.36	20.28	20.41	20.23	20.33	22	4.4
15	256QAM	36	20	20.24	20.23	20.39	20.20	20.35		
15	256QAM	36	39	20.36	20.26	20.28	20.41	20.15		
15	256QAM	75	0	20.13	20.43	20.29	20.25	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.41	25.28	25.47	25.27	25.28	26.40	0
10	QPSK	1	25	25.31	25.28	25.29	25.24	25.31		
10	QPSK	1	49	25.18	25.27	25.31	25.16	25.25		
10	QPSK	25	0	24.33	24.38	24.42	24.19	24.40	26	0.4
10	QPSK	25	12	24.33	24.16	24.40	24.21	24.23		
10	QPSK	25	25	24.19	24.23	24.31	24.08	24.18		
10	QPSK	50	0	24.40	24.21	24.40	24.38	24.28		
10	16QAM	1	0	24.30	24.23	24.35	24.30	24.28	26	0.4
10	16QAM	1	25	24.17	24.30	24.24	24.27	24.25		
10	16QAM	1	49	24.16	24.37	24.33	24.17	24.29		
10	16QAM	25	0	23.30	23.28	23.32	23.29	23.32	25	1.4
10	16QAM	25	12	23.26	23.23	23.28	23.18	23.39		
10	16QAM	25	25	23.22	23.32	23.33	23.15	23.16		
10	16QAM	50	0	23.23	23.37	23.42	23.14	23.32		
10	64QAM	1	0	23.25	23.21	23.36	23.11	23.43	25	1.4
10	64QAM	1	25	23.27	23.37	23.29	23.32

GSM850 Ant1 DSI11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.56	32.60	32.54	33.50	23.56	23.60	23.54	24.50
GPRS 1 Tx slot	32.53	32.58	32.51	33.50	23.53	23.58	23.51	24.50
GPRS 2 Tx slots	28.90	28.94	28.88	30.50	22.90	22.94	22.88	24.50
GPRS 3 Tx slots	27.44	27.48	27.36	29.00	23.18	23.22	23.10	24.74
GPRS 4 Tx slots	25.65	25.76	25.71	27.00	22.65	22.76	22.71	24.00
EDGE 1 Tx slot	24.63	24.74	24.71	26.00	15.63	15.74	15.71	17.00
EDGE 2 Tx slots	23.00	23.05	23.00	24.50	17.00	17.05	17.00	18.50
EDGE 3 Tx slots	21.91	22.04	22.02	23.50	17.65	17.78	17.76	19.24
EDGE 4 Tx slots	20.49	20.61	20.48	21.50	17.49	17.61	17.48	18.50

Band		WCDMA V Ant1 DSI11			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.63	23.62	23.49	24.00
3GPP Rel 99	RMC 12.2Kbps	23.65	23.66	23.61	24.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.71	22.63	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.62	22.61	23.00
3GPP Rel 6	HSDPA Subtest-3	22.15	22.10	22.12	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.14	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.62	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.65	22.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.18	22.13	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.12	22.19	22.15	22.50
3GPP Rel 6	HSUPA Subtest-1	22.64	22.60	22.65	23.00
3GPP Rel 6	HSUPA Subtest-2	20.65	20.66	20.62	21.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.69	21.60	22.00
3GPP Rel 6	HSUPA Subtest-4	20.70	20.65	20.67	21.00
3GPP Rel 6	HSUPA Subtest-5	22.68	22.71	22.56	23.00

Band 2 Ant 1 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.32	22.27		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.22	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.17	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.26	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.30	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.28	17.28	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.29	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.08	20.14	20.17		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	19.09	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.01	22.06	21.98		
20	QPSK	1	49	21.92	22.04	21.93	23	0
20	QPSK	1	99	21.96	22.01	21.93		
20	QPSK	50	0	21.01	21.10	21.01		
20	QPSK	50	24	20.89	21.00	20.91	22	1
20	QPSK	50	50	20.99	20.96	20.89		
20	QPSK	100	0	21.03	21.07	20.98		
20	16QAM	1	0	21.05	21.04	21.04		
20	16QAM	1	49	20.87	21.02	20.92	22	1
20	16QAM	1	99	21.01	20.97	20.92		
20	16QAM	50	0	19.96	20.14	19.95		
20	16QAM	50	24	19.83	19.95	19.88	21	2
20	16QAM	50	50	19.96	19.97	19.91		
20	16QAM	100	0	20.03	20.03	19.96		
20	64QAM	1	0	20.10	20.07	20.00		
20	64QAM	1	49	19.88	20.01	19.90	21	2
20	64QAM	1	99	19.99	19.96	19.86		
20	64QAM	50	0	19.03	19.04	18.99		
20	64QAM	50	24	18.94	19.05	18.90	20	3
20	64QAM	50	50	19.01	18.98	18.88		
20	64QAM	100	0	19.02	19.05	19.01		
20	256QAM	1	0	16.97	17.05	17.00		
20	256QAM	1	49	16.85	17.01	16.94	18	5
20	256QAM	1	99	16.94	16.94	16.83		
20	256QAM	50	0	17.03	17.06	16.94		
20	256QAM	50	24	17.06	17.06	17.03	18	5
20	256QAM	50	50	16.91	16.96	16.90		
20	256QAM	100	0	16.96	16.96	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.91	21.93	21.87		
15	QPSK	1	37	21.89	21.99	21.82	23	0
15	QPSK	1	74	21.86	21.97	21.81		
15	QPSK	36	0	20.93	20.99	20.98		
15	QPSK	36	20	20.75	20.97	20.87	22	1
15	QPSK	36	39	20.88	20.93	20.82		
15	QPSK	75	0	21.00	20.95	20.93		
15	16QAM	1	0	20.95	20.91	20.94		
15	16QAM	1	37	20.79	20.92	20.83	22	1
15	16QAM	1	74	20.88	20.93	20.85		
15	16QAM	36	0	19.89	20.09	19.82		
15	16QAM	36	20	19.73	19.86	19.77	21	2
15	16QAM	36	39	19.94	19.92	19.83		
15	16QAM	75	0	20.00	19.95	19.90		
15	64QAM	1	0	20.02	20.05	19.86		
15	64QAM	1	37	19.85	19.94	19.77	21	2
15	64QAM	1	74	19.90	19.89	19.83		
15	64QAM	36	0	18.93	18.91	18.95		
15	64QAM	36	20	18.92	18.93	18.77	20	3
15	64QAM	36	39	18.92	18.88	18.77		
15	64QAM	75	0	18.88	18.97	18.98		
15	256QAM	1	0	16.86	17.03	16.96		
15	256QAM	1	37	16.72	16.90	16.83	18	5
15	256QAM	1	74	16.91	16.81	16.70		
15	256QAM	36	0	16.92	17.03	16.84		
15	256QAM	36	20	16.95	16.97	16.96	18	5
15	256QAM	36	39	16.83	16.94	16.83		
15	256QAM	75	0	16.90	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.98	21.95		
10	QPSK	1	25	21.88	21.92	21.91	23	0
10	QPSK	1	49	21.92	21.96	21.87		
10	QPSK	25	0	20.89	21.04	20.91		
10	QPSK	25	12	20.80	20.96	20.83	22	1
10	QPSK	25	25	20.88	20.93	20.87		
10	QPSK	50	0	20.97	20.99	20.96		
10	16QAM	1	0	20.93	20.97	20.92		
10	16QAM	1	25	20.79	20.89	20.87	22	1
10	16QAM	1	49	20.96	20.85	20.84		
10	16QAM	25	0	19.91	20.02	19.86		
10	16QAM	25	12	19.80	19.86	19.85	21	2
10	16QAM	25	25	19.88	19.92	19.86		
10	16QAM	50	0	20.00	19.90	19.94		
10	64QAM	1	0	20.02	19.93	19.93		
10	64QAM	1	25	19.75	19.92	19.82	21	2
10	64QAM	1	49	19.89	19.94	19.76		
10	64QAM	25	0	18.98	18.98	18.87		
10	64QAM	25	12	18.91	18.94	18.78	20	3
10	64QAM	25	25	18.93	18.84	18.74		
10	64QAM	50	0	18.97	18.94	18.93		
10	256QAM	1	0	16.90	17.01	16.94		
10	256QAM	1	25	16.77	16.92	16.81	18	5
10	256QAM	1	49	16.83	16.81	16.81		
10	256QAM	25	0	16.89	17.01	16.83		
10	256QAM	25	12	16.88	16.94	17.00	18	5
10	256QAM	25	25	16.79	16.89	16.81		
10	256QAM	50	0	16.86	16.93	16.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.02	21.92		
5	QPSK	1	12	21.86	21.91	21.90	23	0
5	QPSK	1	24	21.87	21.93	21.83		
5	QPSK	12	0	20.95	20.98	20.90		
5	QPSK	12	7	20.87	20.94	20.82	22	1
5	QPSK	12	13	20.95	20.88	20.86		
5	QPSK	25	0	20.91	21.02	20.95		
5	16QAM	1	0	20.99	20.99	20.94		
5	16QAM	1	12	20.80	20.95	20.94	22	1
5	16QAM	1	24	20.97	20.91	20.80		
5	16QAM	12	0	19.83	20.10	19.85		
5	16QAM	12	7	19.71	19.88	19.74	21	2
5	16QAM	12	13	19.94	19.87	19.84		
5	16QAM	25	0	19.97	20.00	19.86		
5	64QAM	1	0	20.06	19.97	19.93		
5	64QAM	1	12	19.76	19.95	19.77	21	2
5	64QAM	1	24	19.94	19.92	19.78		
5	64QAM	12	0	18.99	19.00	18.96		
5	64QAM	12	7	18.82	19.00	18.78	20	3
5	64QAM	12	13	18.87	18.84	18.82		
5	64QAM	25	0	18.99	19.00	18.95		
5	256QAM	1	0	16.85	17.03	16.91		
5	256QAM	1	12	16.74	16.92	16.90	18	5
5	256QAM	1	24	16.90	16.91	16.75		
5	256QAM	12	0	16.95	16.94	16.85		
5	256QAM	12	7	17.00	16.96	16.96	18	5
5	256QAM	12	13	16.88	16.89	16.81		
5	256QAM	25	0	16.89	16.89	16.88		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.88	22.04	21.88		
3	QPSK	1	8	21.80	22.00	21.91	23	0
3	QPSK	1	14	21.86	21.97	21.91		
3	QPSK	8	0	20.94	21.08	20.95		
3	QPSK	8	4	20.77	20.93	20.87	22	1
3	QPSK	8	7	20.94	20.88	20.86		
3	QPSK	15	0	20.95	20.98	20.92		
3	16QAM	1	0	21.03	20.99	21.00		
3	16QAM	1	8	20.84	20.89	20.88	22	1
3	16QAM	1	14	20.88	20.84	20.88		
3	16QAM	8	0	19.93	20.05	19.86		
3	16QAM	8	4	19.73	19.88	19.75	21	2
3	16QAM	8	7	19.87	19.93	19.82		
3	16QAM	15	0	19.99	19.95	19.83		
3	64QAM	1	0	20.02	20.02	19.87		
3	64QAM	1	8	19.84	19.94	19.78	21	2
3	64QAM	1	14	19.88	19.93	19.74		
3	64QAM	8	0	19.00	18.99	18.86		
3	64QAM	8	4	18.87	18.98	18.84	20	3
3	64QAM	8	7	18.94	18.95	18.78		
3	64QAM	15	0	19.00	18.93	18.87		
3	256QAM	1	0	16.86	16.98	16.90		
3	256QAM	1	8	16.80	16.89	16.83	18	5
3	256QAM	1	14	16.85	16.88	16.71		
3	256QAM	8	0	16.98	17.00	16.83		
3	256QAM	8	4	16.99	16.93	16.92	18	5
3	256QAM	8	7	16.79	16.91	16.88		
3	256QAM	15	0	16.88	16.86	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.87		
1.4	QPSK	1	3	21.82	21.98	21.87		
1.4	QPSK	1	5	21.84	21.94	21.80	23	0
1.4	QPSK	3	0	21.88	21.88	21.82		
1.4	QPSK	3	1	21.77	21.87	21.81		
1.4	QPSK	3	3	21.73	21.87	21.77		
1.4	QPSK	6	0	20.93	20.94	20.95	22	1
1.4	16QAM	1	0	20.97	20.92	20.94		
1.4	16QAM	1	3	20.73	20.94	20.79		
1.4	16QAM	1	5	20.97	20.83	20.88	22	1
1.4	16QAM	3	0	20.91	20.87	20.91		
1.4	16QAM	3	1	20.93	20.85	20.82		
1.4	16QAM	3	3	20.63	20.84	20.75		
1.4	16QAM	6	0	20.00	19.89	19.88	21	2
1.4	64QAM	1	0	19.96	19.99	19.91		
1.4	64QAM	1	3	19.80	19.99	19.84		
1.4	64QAM	1	5	19.85	19.87	19.77	21	2
1.4	64QAM	3	0	19.92	19.80	19.80		
1.4	64QAM	3	1	19.88	19.91	19.82		
1.4	64QAM	3	3	19.67	19.88	19.76		
1.4	64QAM	6	0	18.93	18.97	18.91	20	3
1.4	256QAM	1	0	16.93	16.97	16.93		
1.4	256QAM	1	3	16.81	16.87	16.85		
1.4	256QAM	1	5	16.85	16.87	16.77	18	5
1.4	256QAM	3	0	17.00	16.99	16.91		
1.4	256QAM	3	1	17.00	17.04	16.94		
1.4	256QAM	3	3	16.81	16.87	16.87		
1.4	256QAM	6	0	16.91	16.82	16.87	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.86	22.75		
10	QPSK	25	0	21.88	21.92	21.90	23	1
10	QPSK	25	12	21.90	21.91	21.75		
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.88	21.80		
10	16QAM	1	0	21.93	21.87	21.80	23	1
10	16QAM	1	25	21.89	21.84	21.74		
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91	22	2
10	16QAM	25	12	20.86	20.96	20.72		
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76	22	2
10	64QAM	1	25	20.88	20.87	20.78		
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93	21	3
10	64QAM	25	12	19.84	19.92	19.78		
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90	19	5
10	256QAM	1	25	17.89	17.91	17.72		
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85	19	5
10	256QAM	25	12	17.97	17.85	17.77		
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81	23	1
5	QPSK	12	7	21.80	21.84	21.71		
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72	23	1
5	16QAM	1	12	21.75	21.75	21.71		
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89	22	2
5	16QAM	12	7	20.82	20.91	20.64		
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67	22	2
5	64QAM	1	12	20.75	20.81	20.73		
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86	21	3
5	64QAM	12	7	19.77	19.87	19.70		
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81	19	5
5	256QAM	1	12	17.86	17.81	17.60		
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76	19	5
5	256QAM	12	7	17.88	17.83	17.66		
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.78	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78	23	1
3	QPSK	8	4	21.78	21.80	21.69		
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77	23	1
3	16QAM	1	8	21.77	21.77	21.66		
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83	22	2
3	16QAM	8	4	20.83	20.88	20.70		
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76	20.72	20.68		
3	64QAM	1	0	20.85	20.75	20.65	22	2
3	64QAM	1	8	20.78	20.81	20.68		
3	64QAM	1	14	20.81	20.75	20.62		
3	64QAM	8	0	19.92	19.82	19.90	21	3
3	64QAM	8	4	19.74	19.85	19.71		
3	64QAM	8	7	19.88	19.65	19.62		
3	64QAM	15	0	19.87	19.77	19.66		
3	256QAM	1	0	17.76	17.91	17.83	19	5
3	256QAM	1	8	17.84	17.80	17.62		
3	256QAM	1	14	17.82	17.64	17.59		
3	256QAM	8	0	17.84	17.79	17.82	19	5
3	256QAM	8	4	17.86	17.80	17.64		
3	256QAM	8	7	17.80	17.76	17.61		
3	256QAM	15	0	17.82	17.82	17.71		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.87	22.82	24	0
1.4	QPSK	1	3	22.76	22.75	22.66		
1.4	QPSK	1	5	22.80	22.74	22.62		
1.4	QPSK	3	0	22.67	22.85	22.68		
1.4	QPSK	3	1	22.69	22.67	22.64		
1.4	QPSK	3	3	22.74	22.61	22.60		
1.4	QPSK	6	0	21.75	21.78	21.75	23	1
1.4	16QAM	1	0	21.90	21.81	21.74	23	1
1.4	16QAM	1	3	21.80	21.81	21.66		
1.4	16QAM	1	5	21.84	21.75	21.64		
1.4	16QAM	3	0	21.69	21.73	21.69		
1.4	16QAM	3	1	21.76	21.69	21.62		
1.4	16QAM	3	3	21.72	21.78	21.54		
1.4	16QAM	6	0	20.71	20.81	20.72	22	2
1.4	64QAM	1	0	20.82	20.74	20.69	22	2
1.4	64QAM	1	3	20.80	20.75	20.75		
1.4	64QAM	1	5	20.78	20.80	20.69		
1.4	64QAM	3	0	20.63	20.71	20.66		
1.4	64QAM	3	1	20.68	20.67	20.66		
1.4	64QAM	3	3	20.72	20.67	20.69		
1.4	64QAM	6	0	19.68	19.81	19.66	21	3
1.4	256QAM	1	0	17.81	17.83	17.85	19	5
1.4	256QAM	1	3	17.85	17.78	17.61		
1.4	256QAM	1	5	17.83	17.64	17.61		
1.4	256QAM	3	0	17.85	17.77	17.80		
1.4	256QAM	3	1	17.88	17.82	17.66		
1.4	256QAM	3	3	17.82	17.83	17.68		
1.4	256QAM	6	0	17.75	17.72	17.63	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.28		23	0
10	QPSK	1	25		22.25			
10	QPSK	1	49		22.22			
10	QPSK	25	0		21.34		22	1
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.20			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.26		22	1
10	16QAM	1	25		21.24			
10	16QAM	1	49		21.25			
10	16QAM	25	0		20.35		21	2
10	16QAM	25	12		20.27			
10	16QAM	25	25		20.24			
10	16QAM	50	0		20.33			
10	64QAM	1	0		20.32		21	2
10	64QAM	1	25		20.23			
10	64QAM	1	49		20.27			
10	64QAM	25	0		19.38		20	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.37		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.20			
10	256QAM	25	0		17.30		18	5
10	256QAM	25	12		17.26			
10	256QAM	25	25		17.24			
10	256QAM	50	0		17.27			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.23	22.25	22.20	23	0
5	QPSK	1	12	22.21	22.21	22.15		
5	QPSK	1	24	22.09	22.17	22.14		
5	QPSK	12	0	21.27	21.32	21.25	22	1
5	QPSK	12	7	21.24	21.16	21.16		
5	QPSK	12	13	21.17	21.13	21.08		
5	QPSK	25	0	21.16	21.20	21.21		
5	16QAM	1	0	21.19	21.22	21.16	22	1
5	16QAM	1	12	21.16	21.10	21.12		
5	16QAM	1	24	21.13	21.21	21.12		
5	16QAM	12	0	20.28	20.23	20.30	21	2
5	16QAM	12	7	20.15	20.19	20.22		
5	16QAM	12	13	20.15	20.19	20.19		
5	16QAM	25	0	20.23	20.26	20.29		
5	64QAM	1	0	20.24	20.29	20.26	21	2
5	64QAM	1	12	20.11	20.16	20.14		
5	64QAM	1	24	20.13	20.19	20.23		
5	64QAM	12	0	19.35	19.26	19.25	20	3
5	64QAM	12	7	19.16	19.13	19.13		
5	64QAM	12	13	19.11	19.09	19.06		
5	64QAM	25	0	19.18	19.19	19.21		
5	256QAM	1	0	17.35	17.29	17.32	18	5
5	256QAM	1	12	17.20	17.14	17.25		
5	256QAM	1	24	17.07	17.17	17.12		
5	256QAM	12	0	17.20	17.19	17.23	18	5
5	256QAM	12	7	17.21	17.16	17.14		
5	256QAM	12	13	17.14	17.11	17.13		
5	256QAM	25	0	17.13	17.15	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.59	22.61	22.55	24	0
10	QPSK	1	25	22.50	22.59	22.47		
10	QPSK	1	49	22.54	22.58	22.52		
10	QPSK	25	0	21.57	21.66	21.51	23	1
10	QPSK	25	12	21.49	21.59	21.43		
10	QPSK	25	25	21.59	21.55	21.50		
10	QPSK	50	0	21.56	21.63	21.56		
10	16QAM	1	0	21.54	21.63	21.52	23	1
10	16QAM	1	25	21.45	21.62	21.51		
10	16QAM	1	49	21.50	21.63	21.55		
10	16QAM	25	0	20.52	20.70	20.53	22	2
10	16QAM	25	12	20.48	20.61	20.38		
10	16QAM	25	25	20.62	20.56	20.53		
10	16QAM	50	0	20.55	20.61	20.54		
10	64QAM	1	0	20.56	20.64	20.58	22	2
10	64QAM	1	25	20.48	20.66	20.55		
10	64QAM	1	49	20.46	20.67	20.60		
10	64QAM	25	0	19.55	19.63	19.54	21	3
10	64QAM	25	12	19.50	19.54	19.42		
10	64QAM	25	25	19.62	19.55	19.47		
10	64QAM	50	0	19.57	19.69	19.60		
10	256QAM	1	0	17.56	17.68	17.56	19	5
10	256QAM	1	25	17.53	17.58	17.43		
10	256QAM	1	49	17.55	17.57	17.53		
10	256QAM	25	0	17.59	17.58	17.57	19	5
10	256QAM	25	12	17.58	17.65	17.47		
10	256QAM	25	25	17.41	17.62	17.45		
10	256QAM	50	0	17.54	17.68	17.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.49	22.56	22.41	24	0
5	QPSK	1	12	22.38	22.49	22.42		
5	QPSK	1	24	22.49	22.53	22.50		
5	QPSK	12	0	21.44	21.58	21.48	23	1
5	QPSK	12	7	21.42	21.52	21.33		
5	QPSK	12	13	21.52	21.51	21.43		
5	QPSK	25	0	21.50	21.51	21.49		
5	16QAM	1	0	21.48	21.61	21.49	23	1
5	16QAM	1	12	21.39	21.51	21.47		
5	16QAM	1	24	21.37	21.55	21.46		
5	16QAM	12	0	20.43	20.66	20.43	22	2
5	16QAM	12	7	20.38	20.56	20.35		
5	16QAM	12	13	20.51	20.43	20.50		
5	16QAM	25	0	20.50	20.48	20.42		
5	64QAM	1	0	20.48	20.60	20.48	22	2
5	64QAM	1	12	20.38	20.54	20.50		
5	64QAM	1	24	20.38	20.64	20.58		
5	64QAM	12	0	19.46	19.60	19.48	21	3
5	64QAM	12	7	19.40	19.41	19.38		
5	64QAM	12	13	19.57	19.50	19.40		
5	64QAM	25	0	19.54	19.61	19.53		
5	256QAM	1	0	17.54	17.64	17.51	19	5
5	256QAM	1	12	17.49	17.44	17.32		
5	256QAM	1	24	17.52	17.52	17.51		
5	256QAM	12	0	17.53	17.45	17.44	19	5
5	256QAM	12	7	17.45	17.53	17.36		
5	256QAM	12	13	17.34	17.55	17.39		
5	256QAM	25	0	17.47	17.57	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.34	22.41	22.32		
20	QPSK	1	49	22.30	22.36	22.16	23	0
20	QPSK	1	99	22.20	22.49	22.23		
20	QPSK	50	0	21.44	21.45	21.25		
20	QPSK	50	24	21.35	21.32	21.23	22	1
20	QPSK	50	50	21.21	21.28	21.31		
20	QPSK	100	0	21.35	21.41	21.29		
20	16QAM	1	0	21.29	21.33	21.33		
20	16QAM	1	49	21.35	21.39	21.12	22	1
20	16QAM	1	99	21.20	21.33	21.21		
20	16QAM	50	0	20.44	20.39	20.25		
20	16QAM	50	24	20.41	20.45	20.22	21	2
20	16QAM	50	50	20.21	20.28	20.18		
20	16QAM	100	0	20.37	20.36	20.25		
20	64QAM	1	0	20.24	20.30	20.24		
20	64QAM	1	49	20.40	20.34	20.15	21	2
20	64QAM	1	99	20.15	20.35	20.33		
20	64QAM	50	0	19.32	19.42	19.23		
20	64QAM	50	24	19.43	19.32	19.24	20	3
20	64QAM	50	50	19.13	19.40	19.23		
20	64QAM	100	0	19.40	19.42	19.28		
20	256QAM	1	0	17.39	17.37	17.26		
20	256QAM	1	49	17.40	17.31	17.19	18	5
20	256QAM	1	99	17.14	17.33	17.31		
20	256QAM	50	0	17.47	17.40	17.18		
20	256QAM	50	24	17.25	17.40	17.29	18	5
20	256QAM	50	50	17.41	17.31	17.18		
20	256QAM	100	0	17.18	17.38	17.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.23	22.34	22.20		
15	QPSK	1	37	22.26	22.25	22.12	23	0
15	QPSK	1	74	22.08	22.31	22.14		
15	QPSK	36	0	21.31	21.42	21.19		
15	QPSK	36	20	21.21	21.27	21.18	22	1
15	QPSK	36	39	21.15	21.26	21.17		
15	QPSK	75	0	21.30	21.38	21.24		
15	16QAM	1	0	21.23	21.25	21.28		
15	16QAM	1	37	21.28	21.36	21.06	22	1
15	16QAM	1	74	21.08	21.22	21.14		
15	16QAM	36	0	20.32	20.31	20.21		
15	16QAM	36	20	20.28	20.40	20.11	21	2
15	16QAM	36	39	20.16	20.15	20.12		
15	16QAM	75	0	20.26	20.25	20.22		
15	64QAM	1	0	20.21	20.18	20.16		
15	64QAM	1	37	20.35	20.23	20.12	21	2
15	64QAM	1	74	20.05	20.24	20.27		
15	64QAM	36	0	19.27	19.29	19.12		
15	64QAM	36	20	19.38	19.19	19.10	20	3
15	64QAM	36	39	19.04	19.27	19.17		
15	64QAM	75	0	19.32	19.38	19.24		
15	256QAM	1	0	17.32	17.27	17.17		
15	256QAM	1	37	17.26	17.25	17.11	18	5
15	256QAM	1	74	17.06	17.23	17.22		
15	256QAM	36	0	17.33	17.27	17.12		
15	256QAM	36	20	17.12	17.36	17.16	18	5
15	256QAM	36	39	17.28	17.18	17.08		
15	256QAM	75	0	17.08	17.30	17.22		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.30	22.21		
10	QPSK	1	25	22.18	22.22	22.02	23	0
10	QPSK	1	49	22.08	22.38	22.13		
10	QPSK	25	0	21.31	21.42	21.22		
10	QPSK	25	12	21.31	21.27	21.19	22	1
10	QPSK	25	25	21.13	21.16	21.21		
10	QPSK	50	0	21.24	21.39	21.25		
10	16QAM	1	0	21.17	21.25	21.25		
10	16QAM	1	25	21.27	21.32	21.08	22	1
10	16QAM	1	49	21.18	21.21	21.08		
10	16QAM	25	0	20.37	20.35	20.14		
10	16QAM	25	12	20.31	20.39	20.15	21	2
10	16QAM	25	25	20.15	20.22	20.05		
10	16QAM	50	0	20.28	20.23	20.14		
10	64QAM	1	0	20.14	20.20	20.15		
10	64QAM	1	25	20.27	20.22	20.03	21	2
10	64QAM	1	49	20.06	20.31	20.27		
10	64QAM	25	0	19.28	19.39	19.15		
10	64QAM	25	12	19.29	19.19	19.15	20	3
10	64QAM	25	25	19.06	19.31	19.20		
10	64QAM	50	0	19.34	19.35	19.25		
10	256QAM	1	0	17.26	17.25	17.15		
10	256QAM	1	25	17.31	17.21	17.15	18	5
10	256QAM	1	49	17.01	17.20	17.21		
10	256QAM	25	0	17.35	17.35	17.14		
10	256QAM	25	12	17.12	17.32	17.26	18	5
10	256QAM	25	25	17.30	17.18	17.14		
10	256QAM	50	0	17.14	17.28	17.13		
Channel				26085	26340	26585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.24	22.36	22.28		
5	QPSK	1	12	22.24	22.31	22.02	23	0
5	QPSK	1	24	22.14	22.28	22.19		
5	QPSK	12	0	21.40	21.32	21.17		
5	QPSK	12	7	21.27	21.29	21.18	22	1
5	QPSK	12	13	21.11	21.22	21.20		
5	QPSK	25	0	21.21	21.28	21.22		
5	16QAM	1	0	21.19	21.30	21.26		
5	16QAM	1	12	21.32	21.33	21.08	22	1
5	16QAM	1	24	21.16	21.29	21.16		
5	16QAM	12	0	20.41	20.32	20.22		
5	16QAM	12	7	20.30	20.33	20.11	21	2
5	16QAM	12	13	20.09	20.17	20.14		
5	16QAM	25	0	20.32	20.31	20.23		
5	64QAM	1	0	20.14	20.26	20.13		
5	64QAM	1	12	20.35	20.30	20.09	21	2
5	64QAM	1	24	20.10	20.27	20.31		
5	64QAM	12	0	19.23	19.32	19.14		
5	64QAM	12	7	19.39	19.22	19.14	20	3
5	64QAM	12	13	19.00	19.34	19.16		
5	64QAM	25	0	19.28	19.28	19.15		
5	256QAM	1	0	17.28	17.23	17.18		
5	256QAM	1	12	17.27	17.25	17.07	18	5
5	256QAM	1	24	17.01	17.21	17.23		
5	256QAM	12	0	17.35	17.31	17.06		
5	256QAM	12	7	17.14	17.34	17.19	18	5
5	256QAM	12	13	17.32	17.22	17.10		
5	256QAM	25	0	17.10	17.34	17.20		
Channel				26025	26340	26670	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.27	22.28		
3	QPSK	1	8	22.28	22.32	22.13	23	0
3	QPSK	1	14	22.14	22.36	22.15		
3	QPSK	8	0	21.34	21.36	21.11		
3	QPSK	8	4	21.25	21.28	21.16	22	1
3	QPSK	8	7	21.15	21.22	21.20		
3	QPSK	15	0	21.23	21.39	21.18		
3	16QAM	1	0	21.20	21.31	21.24		
3	16QAM	1	8	21.32	21.33	20.99	22	1
3	16QAM	1	14	21.16	21.29	21.18		
3	16QAM	8	0	20.32	20.30	20.21		
3	16QAM	8	4	20.38	20.39	20.14	21	2
3	16QAM	8	7	20.15	20.16	20.11		
3	16QAM	15	0	20.28	20.27	20.14		
3	64QAM	1	0	20.18	20.17	20.13		
3	64QAM	1	8	20.36	20.25	20.03	21	2
3	64QAM	1	14	20.12	20.26	20.22		
3	64QAM	8	0	19.29	19.34	19.11		
3	64QAM	8	4	19.33	19.25	19.13	20	3
3	64QAM	8	7	19.03	19.26	19.10		
3	64QAM	15	0	19.37	19.37	19.21		
3	256QAM	1	0	17.35	17.25	17.20		
3	256QAM	1	8	17.33	17.27	17.07	18	5
3	256QAM	1	14	17.11	17.31	17.27		
3	256QAM	8	0	17.41	17.37	17.05		
3	256QAM	8	4	17.18	17.35	17.20	18	5
3	256QAM	8	7	17.33	17.26	17.08		
3	256QAM	15	0	17.15	17.34	17.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.21	22.29	22.26		
1.4	QPSK	1	3	22.25	22.22	22.13		
1.4	QPSK	1	5	22.17	22.36	22.12	23	0
1.4	QPSK	3	0	22.09	22.22	22.16		
1.4	QPSK	3	1	22.22	22.19	22.06		
1.4	QPSK	3	3	22.07	22.28	22.06		
1.4	QPSK	6	0	21.23	21.26	21.18	22	1
1.4	16QAM	1	0	21.19	21.28	21.22		
1.4	16QAM	1	3	21.32	21.35	21.05		
1.4	16QAM	1	5	21.08	21.23	21.17	22	1
1.4	16QAM	3	0	21.11	21.18	21.11		
1.4	16QAM	3	1	21.15	21.24	21.10		
1.4	16QAM	3	3	21.24	21.25	21.00		
1.4	16QAM	6	0	20.27	20.25	20.17	21	2
1.4	64QAM	1	0	20.10	20.20	20.10		
1.4	64QAM	1	3	20.33	20.30	20.06		
1.4	64QAM	1	5	20.10	20.29	20.30	21	2
1.4	64QAM	3	0	20.16	20.14	20.14		
1.4	64QAM	3	1	20.02	20.17	20.08		
1.4	64QAM	3	3	20.26	20.19	19.92		
1.4	64QAM	6	0	19.35	19.30	19.20	20	3
1.4	256QAM	1	0	17.29	17.33	17.14		
1.4	256QAM	1	3	17.30	17.28	17.17		
1.4	256QAM	1	5	17.05	17.24	17.24	18	5
1.4	256QAM	3	0	17.44	17.27	17.16		
1.4	256QAM	3	1	17.17	17.33	17.21		
1.4	256QAM	3	3	17.38	17.28	17.15		
1.4	256QAM	6	0	17.15	17.35	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.41	22.46	22.38		
15	QPSK	1	37	22.35	22.43	22.35	24	0
15	QPSK	1	74	22.34	22.41	22.29		
15	QPSK	36	0	21.36	21.49	21.32		
15	QPSK	36	20	21.30	21.45	21.31	23	1
15	QPSK	36	39	21.39	21.40	21.27		
15	QPSK	75	0	21.39	21.46	21.38		
15	16QAM	1	0	21.45	21.43	21.36		
15	16QAM	1	37	21.36	21.39	21.38	23	1
15	16QAM	1	74	21.36	21.41	21.31		
15	16QAM	36	0	20.32	20.48	20.33		
15	16QAM	36	20	20.28	20.45	20.28	22	2
15	16QAM	36	39	20.41	20.36	20.30		
15	16QAM	75	0	20.36	20.46	20.43		
15	64QAM	1	0	20.43	20.46	20.33		
15	64QAM	1	37	20.36	20.34	20.35	22	2
15	64QAM	1	74	20.36	20.36	20.27		
15	64QAM	36	0	19.33	19.53	19.32		
15	64QAM	36	20	19.35	19.42	19.30	21	3
15	64QAM	36	39	19.40	19.44	19.27		
15	64QAM	75	0	19.42	19.43	19.40		
15	256QAM	1	0	17.37	17.50	17.36		
15	256QAM	1	37	17.34	17.40	17.26	19	5
15	256QAM	1	74	17.34	17.37	17.30		
15	256QAM	36	0	17.37	17.44	17.36		
15	256QAM	36	20	17.44	17.44	17.39	19	5
15	256QAM	36	39	17.41	17.44	17.43		
15	256QAM	75	0	17.36	17.44	17.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.31	22.38	22.29		
10	QPSK	1	25	22.32	22.33	22.22	24	0
10	QPSK	1	49	22.22	22.33	22.22		
10	QPSK	25	0	21.26	21.46	21.29		
10	QPSK	25	12	21.22	21.31	21.17	23	1
10	QPSK	25	25	21.32	21.38	21.19		
10	QPSK	50	0	21.30	21.33	21.35		
10	16QAM	1	0	21.36	21.32	21.24		
10	16QAM	1	25	21.28	21.35	21.27	23	1
10	16QAM	1	49	21.32	21.36	21.28		
10	16QAM	25	0	20.26	20.42	20.28		
10	16QAM	25	12	20.23	20.33	20.22	22	2
10	16QAM	25	25	20.37	20.33	20.17		
10	16QAM	50	0	20.27	20.43	20.32		
10	64QAM	1	0	20.40	20.35	20.29		
10	64QAM	1	25	20.23	20.28	20.21	22	2
10	64QAM	1	49	20.29	20.27	20.15		
10	64QAM	25	0	19.26	19.49	19.21		
10	64QAM	25	12	19.23	19.32	19.17	21	3
10	64QAM	25	25	19.36	19.36	19.16		
10	64QAM	50	0	19.37	19.30	19.38		
10	256QAM	1	0	17.33	17.39	17.24		
10	256QAM	1	25	17.27	17.30	17.15	19	5
10	256QAM	1	49	17.20	17.34	17.24		
10	256QAM	25	0	17.26	17.33	17.30		
10	256QAM	25	12	17.35	17.36	17.29	19	5
10	256QAM	25	25	17.36	17.37	17.33		
10	256QAM	50	0	17.33	17.33	17.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.38	22.37	22.29		
5	QPSK	1	12	22.29	22.34	22.27	24	0
5	QPSK	1	24	22.23	22.30	22.18		
5	QPSK	12	0	21.27	21.39	21.19		
5	QPSK	12	7	21.27	21.43	21.22	23	1
5	QPSK	12	13	21.29	21.33	21.24		
5	QPSK	25	0	21.26	21.36	21.24		
5	16QAM	1	0	21.42	21.36	21.28		
5	16QAM	1	12	21.34	21.27	21.36	23	1
5	16QAM	1	24	21.33	21.37	21.19		
5	16QAM	12	0	20.28	20.39	20.19		
5	16QAM	12	7	20.19	20.39	20.23	22	2
5	16QAM	12	13	20.33	20.29	20.18		
5	16QAM	25	0	20.30	20.40	20.35		
5	64QAM	1	0	20.35	20.43	20.24		
5	64QAM	1	12	20.27	20.27	20.27	22	2
5	64QAM	1	24	20.33	20.30	20.21		
5	64QAM	12	0	19.21	19.47	19.19		
5	64QAM	12	7	19.32	19.32	19.23	21	3
5	64QAM	12	13	19.29	19.36	19.25		
5	64QAM	25	0	19.30	19.35	19.38		
5	256QAM	1	0	17.32	17.36	17.28		
5	256QAM	1	12	17.25	17.31	17.15	19	5
5	256QAM	1	24	17.27	17.32	17.26		
5	256QAM	12	0	17.33	17.42	17.23		
5	256QAM	12	7	17.40	17.40	17.25	19	5
5	256QAM	12	13	17.29	17.31	17.30		
5	256QAM	25	0	17.26	17.32	17.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.38	22.34	22.34		
3	QPSK	1	8	22.32	22.34	22.30	24	0
3	QPSK	1	14	22.29	22.38	22.25		
3	QPSK	8	0	21.24	21.38	21.25		
3	QPSK	8	4	21.25	21.35	21.24	23	1
3	QPSK	8	7	21.26	21.36	21.17		
3	QPSK	15	0	21.31	21.37	21.25		
3	16QAM	1	0	21.38	21.37	21.30		
3	16QAM	1	8	21.29	21.31	21.26	23	1
3	16QAM	1	14	21.25	21.31	21.28		
3	16QAM	8	0	20.21	20.46	20.25		
3	16QAM	8	4	20.16	20.32	20.24	22	2
3	16QAM	8	7	20.34	20.32	20.16		
3	16QAM	15	0	20.28	20.39	20.32		
3	64QAM	1	0	20.31	20.42	20.27		
3	64QAM	1	8	20.22	20.23	20.28	22	2
3	64QAM	1	14	20.28	20.30	20.20		
3	64QAM	8	0	19.19	19.42	19.23		
3	64QAM	8	4	19.22	19.40	19.25	21	3
3	64QAM	8	7	19.28	19.31	19.22		
3	64QAM	15	0	19.36	19.38	19.30		
3	256QAM	1	0	17.30	17.47	17.28		
3	256QAM	1	8	17.28	17.33	17.18	19	5
3	256QAM	1	14	17.21	17.30	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.32	17.36	17.36	19	5
3	256QAM	8	7	17.37	17.39	17.29		
3	256QAM	15	0	17.28	17.41	17.28		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.37	22.28		
1.4	QPSK	1	3	22.26	22.32	22.27		
1.4	QPSK	1	5	22.21	22.37	22.25	24	0
1.4	QPSK	3	0	22.24	22.30	22.25		
1.4	QPSK	3	1	22.19	22.27	22.19		
1.4	QPSK	3	3	22.13	22.32	22.15		
1.4	QPSK	6	0	21.32	21.41	21.28	23	1
1.4	16QAM	1	0	21.36	21.36	21.32		
1.4	16QAM	1	3	21.22	21.36	21.29		
1.4	16QAM	1	5	21.27	21.38	21.17	23	1
1.4	16QAM	3	0	21.20	21.31	21.18		
1.4	16QAM	3	1	21.25	21.23	21.19		
1.4	16QAM	3	3	21.18	21.24	21.23		
1.4	16QAM	6	0	20.32	20.38	20.35	22	2
1.4	64QAM	1	0	20.33	20.37	20.24		
1.4	64QAM	1	3	20.22	20.29	20.26		
1.4	64QAM	1	5	20.28	20.27	20.18	22	2
1.4	64QAM	3	0	20.22	20.25	20.29		
1.4	64QAM	3	1	20.25	20.34	20.15		
1.4	64QAM	3	3	20.13	20.16	20.19		
1.4	64QAM	6	0	19.36	19.37	19.34	21	3
1.4	256QAM	1	0	17.28	17.41	17.31		
1.4	256QAM	1	3	17.30	17.34	17.17		
1.4	256QAM	1	5	17.23	17.27	17.21	19	5
1.4	256QAM	3	0	17.34	17.39	17.30		
1.4	256QAM	3	1	17.36	17.36	17.35		
1.4	256QAM	3	3	17.34	17.42	17.30		
1.4	256QAM	6	0	17.26	17.34	17.24	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.85			
10	QPSK	1	25		20.83		22	0
10	QPSK	1	49		20.81			
10	QPSK	25	0		19.91			
10	QPSK	25	12		19.80		21	1
10	QPSK	25	25		19.86			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.84			
10	16QAM	1	25		19.86		21	1
10	16QAM	1	49		19.77			
10	16QAM	25	0		18.95			
10	16QAM	25	12		18.78		20	2
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.85			
10	64QAM	1	25		18.89		20	2
10	64QAM	1	49		18.81			
10	64QAM	25	0		17.96			
10	64QAM	25	12		17.82		19	3
10	64QAM	25	25		17.81			
10	64QAM	50	0		17.82			
10	256QAM	1	0		15.86			
10	256QAM	1	25		15.77		17	5
10	256QAM	1	49		15.86			
10	256QAM	25	0		15.90			
10	256QAM	25	12		15.86		17	5
10	256QAM	25	25		15.88			
10	256QAM	50	0		15.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.77	20.80	20.79		
5	QPSK	1	12	20.77	20.77	20.72	22	0
5	QPSK	1	24	20.72	20.68	20.75		
5	QPSK	12	0	19.88	19.83	19.89		
5	QPSK	12	7	19.72	19.67	19.67	21	1
5	QPSK	12	13	19.79	19.73	19.82		
5	QPSK	25	0	19.82	19.82	19.75		
5	16QAM	1	0	19.72	19.79	19.72		
5	16QAM	1	12	19.84	19.81	19.76	21	1
5	16QAM	1	24	19.65	19.73	19.73		
5	16QAM	12	0	18.88	18.83	18.83		
5	16QAM	12	7	18.69	18.70	18.76	20	2
5	16QAM	12	13	18.82	18.83	18.83		
5	16QAM	25	0	18.86	18.78	18.83		
5	64QAM	1	0	18.75	18.82	18.76		
5	64QAM	1	12	18.78	18.79	18.79	20	2
5	64QAM	1	24	18.72	18.78	18.73		
5	64QAM	12	0	17.84	17.89	17.83		
5	64QAM	12	7	17.68	17.73	17.75	19	3
5	64QAM	12	13	17.70	17.75	17.69		
5	64QAM	25	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.54	21.67	21.56	22.9	0
20	QPSK	1	49	21.32	21.55	21.39		
20	QPSK	1	99	21.36	21.51	21.50		
20	QPSK	50	0	20.56	20.67	20.53	22	0.9
20	QPSK	50	24	20.43	20.60	20.48		
20	QPSK	50	50	20.28	20.46	20.44		
20	QPSK	100	0	20.43	20.56	20.55		
20	16QAM	1	0	20.49	20.56	20.61	22	0.9
20	16QAM	1	49	20.42	20.56	20.39		
20	16QAM	1	99	20.26	20.53	20.46		
20	16QAM	50	0	19.62	19.51	19.51	21	1.9
20	16QAM	50	24	19.43	19.51	19.34		
20	16QAM	50	50	19.39	19.52	19.45		
20	16QAM	100	0	19.46	19.54	19.55		
20	64QAM	1	0	19.42	19.59	19.54	21	1.9
20	64QAM	1	49	19.41	19.58	19.34		
20	64QAM	1	99	19.28	19.51	19.38		
20	64QAM	50	0	18.63	18.60	18.63	20	2.9
20	64QAM	50	24	18.34	18.40	18.39		
20	64QAM	50	50	18.32	18.43	18.54		
20	64QAM	100	0	18.40	18.55	18.57		
20	256QAM	1	0	16.58	16.58	16.59	18	4.9
20	256QAM	1	49	16.41	16.49	16.48		
20	256QAM	1	99	16.37	16.50	16.46		
20	256QAM	50	0	16.54	16.57	16.44	18	4.9
20	256QAM	50	24	16.44	16.58	16.55		
20	256QAM	50	50	16.46	16.46	16.33		
20	256QAM	100	0	16.29	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.43	21.58	21.57	22.9	0
15	QPSK	1	37	21.37	21.56	21.41		
15	QPSK	1	74	21.27	21.46	21.44		
15	QPSK	36	0	20.61	20.61	20.51	22	0.9
15	QPSK	36	20	20.38	20.52	20.45		
15	QPSK	36	39	20.26	20.47	20.41		
15	QPSK	75	0	20.44	20.52	20.58		
15	16QAM	1	0	20.46	20.54	20.56	22	0.9
15	16QAM	1	37	20.39	20.61	20.39		
15	16QAM	1	74	20.28	20.52	20.44		
15	16QAM	36	0	19.54	19.62	19.53	21	1.9
15	16QAM	36	20	19.43	19.45	19.43		
15	16QAM	36	39	19.33	19.53	19.49		
15	16QAM	75	0	19.42	19.47	19.55		
15	64QAM	1	0	19.41	19.62	19.52	21	1.9
15	64QAM	1	37	19.43	19.60	19.31		
15	64QAM	1	74	19.35	19.50	19.44		
15	64QAM	36	0	18.57	18.57	18.55	20	2.9
15	64QAM	36	20	18.34	18.38	18.40		
15	64QAM	36	39	18.36	18.43	18.51		
15	64QAM	75	0	18.41	18.59	18.49		
15	256QAM	1	0	16.54	16.54	16.60	18	4.9
15	256QAM	1	37	16.45	16.56	16.44		
15	256QAM	1	74	16.31	16.49	16.54		
15	256QAM	36	0	16.58	16.61	16.46	18	4.9
15	256QAM	36	20	16.43	16.59	16.56		
15	256QAM	36	39	16.38	16.49	16.35		
15	256QAM	75	0	16.29	16.67	16.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.51	21.62	21.56	22.9	0
10	QPSK	1	25	21.29	21.66	21.45		
10	QPSK	1	49	21.29	21.55	21.46		
10	QPSK	25	0	20.52	20.58	20.53	22	0.9
10	QPSK	25	12	20.38	20.52	20.46		
10	QPSK	25	25	20.30	20.50	20.46		
10	QPSK	50	0	20.50	20.56	20.50		
10	16QAM	1	0	20.48	20.52	20.57	22	0.9
10	16QAM	1	25	20.47	20.51	20.42		
10	16QAM	1	49	20.28	20.51	20.42		
10	16QAM	25	0	19.58	19.60	19.61	21	1.9
10	16QAM	25	12	19.45	19.41	19.42		
10	16QAM	25	25	19.35	19.61	19.51		
10	16QAM	50	0	19.49	19.52	19.62		
10	64QAM	1	0	19.51	19.54	19.59	21	1.9
10	64QAM	1	25	19.49	19.64	19.30		
10	64QAM	1	49	19.34	19.58	19.40		
10	64QAM	25	0	18.55	18.54	18.59	20	2.9
10	64QAM	25	12	18.42	18.49	18.41		
10	64QAM	25	25	18.35	18.51	18.48		
10	64QAM	50	0	18.42	18.54	18.54		
10	256QAM	1	0	16.48	16.63	16.63	18	4.9
10	256QAM	1	25	16.49	16.45	16.48		
10	256QAM	1	49	16.27	16.50	16.54		
10	256QAM	25	0	16.60	16.55	16.45	18	4.9
10	256QAM	25	12	16.41	16.62	16.48		
10	256QAM	25	25	16.43	16.43	16.27		
10	256QAM	50	0	16.22	16.71	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.51	21.52	21.51	22.9	0
5	QPSK	1	12	21.33	21.60	21.43		
5	QPSK	1	24	21.25	21.52	21.47		
5	QPSK	12	0	20.56	20.65	20.59	22	0.9
5	QPSK	12	7	20.42	20.53	20.40		
5	QPSK	12	13	20.27	20.41	20.49		
5	QPSK	25	0	20.49	20.54	20.53		
5	16QAM	1	0	20.46	20.55	20.56	22	0.9
5	16QAM	1	12	20.49	20.55	20.36		
5	16QAM	1	24	20.31	20.54	20.49		
5	16QAM	12	0	19.62	19.61	19.56	21	1.9
5	16QAM	12	7	19.48	19.45	19.35		
5	16QAM	12	13	19.39	19.52	19.46		
5	16QAM	25	0	19.50	19.49	19.56		
5	64QAM	1	0	19.45	19.55	19.53	21	1.9
5	64QAM	1	12	19.50	19.64	19.36		
5	64QAM	1	24	19.35	19.59	19.45		
5	64QAM	12	0	18.52	18.56	18.62	20	2.9
5	64QAM	12	7	18.41	18.49	18.34		
5	64QAM	12	13	18.34	18.46	18.46		
5	64QAM	25	0	18.47	18.54	18.59		
5	256QAM	1	0	16.50	16.54	16.58	18	4.9
5	256QAM	1	12	16.50	16.47	16.39		
5	256QAM	1	24	16.35	16.49	16.48		
5	256QAM	12	0	16.51	16.62	16.48	18	4.9
5	256QAM	12	7	16.41	16.55	16.52		
5	256QAM	12	13	16.45	16.43	16.34		
5	256QAM	25	0	16.25	16.64	16.38		
Channel				131837	132322	132807	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.54	21.55	21.54	22.9	0
3	QPSK	1	8	21.32	21.63	21.37		
3	QPSK	1	14	21.34	21.49	21.50		
3	QPSK	8	0	20.59	20.65	20.50	22	0.9
3	QPSK	8	4	20.35	20.60	20.40		
3	QPSK	8	7	20.32	20.41	20.44		
3	QPSK	15	0	20.51	20.54	20.58		
3	16QAM	1	0	20.46	20.56	20.64	22	0.9
3	16QAM	1	8	20.45	20.49	20.38		
3	16QAM	1	14	20.36	20.53	20.39		
3	16QAM	8	0	19.52	19.60	19.60	21	1.9
3	16QAM	8	4	19.48	19.51	19.38		
3	16QAM	8	7	19.41	19.53	19.47		
3	16QAM	15	0	19.51	19.52	19.61		
3	64QAM	1	0	19.42	19.52	19.57	21	1.9
3	64QAM	1	8	19.51	19.56	19.35		
3	64QAM	1	14	19.29	19.50	19.44		
3	64QAM	8	0	18.54	18.61	18.56	20	2.9
3	64QAM	8	4	18.42	18.47	18.42		
3	64QAM	8	7	18.26	18.51	18.46		
3	64QAM	15	0	18.43	18.54	18.55		
3	256QAM	1	0	16.58	16.61	16.64	18	4.9
3	256QAM	1	8	16.45	16.46	16.42		
3	256QAM	1	14	16.32	16.49	16.52		
3	256QAM	8	0	16.58	16.54	16.49	18	4.9
3	256QAM	8	4	16.43	16.55	16.48		
3	256QAM	8	7	16.41	16.53	16.36		
3	256QAM	15	0	16.29	16.70	16.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.48	21.55	21.51	22.9	0
1.4	QPSK	1	3	21.32	21.57	21.48		
1.4	QPSK	1	5	21.36	21.56	21.41		
1.4	QPSK	3	0	21.46	21.55	21.44		
1.4	QPSK	3	1	21.21	21.54	21.43		
1.4	QPSK	3	3	21.35	21.52	21.42		
1.4	QPSK	6	0	20.54	20.58	20.60	22	0.9
1.4	16QAM	1	0	20.50	20.51	20.63	22	0.9
1.4	16QAM	1	3	20.52	20.58	20.37		
1.4	16QAM	1	5	20.28	20.55	20.42		
1.4	16QAM	3	0	20.48	20.39	20.54		
1.4	16QAM	3	1	20.32	20.48	20.44		
1.4	16QAM	3	3	20.47	20.41	20.35		
1.4	16QAM	6	0	19.46	19.60	19.56	21	1.9
1.4	64QAM	1	0	19.56	19.65	19.62	21	1.9
1.4	64QAM	1	3	19.45	19.60	19.32		
1.4	64QAM	1	5	19.38	19.63	19.47		
1.4	64QAM	3	0	19.42	19.50	19.45		
1.4	64QAM	3	1	19.42	19.50	19.58		
1.4	64QAM	3	3	19.34	19.44	19.25		
1.4	64QAM	6	0	18.44	18.58	18.57	20	2.9
1.4	256QAM	1	0	16.62	16.60	16.54	18	4.9
1.4	256QAM	1	3	16.53	16.50	16.30		
1.4	256QAM	1	5	16.31	16.47	16.55		
1.4	256QAM	3	0	16.46	16.57	16.59		
1.4	256QAM	3	1	16.49	16.64	16.49		
1.4	256QAM	3	3	16.36	16.51	16.47		
1.4	256QAM	6	0	16.36	16.67	16.41	18	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.50	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.43	23.40	25	0
20	QPSK	1	49	23.18	23.29	23.31		
20	QPSK	1	99	23.16	23.27	23.26		
20	QPSK	50	0	22.25	22.37	22.33	24	1
20	QPSK	50	24	22.18	22.25	22.35		
20	QPSK	50	50	22.18	22.32	22.30		
20	QPSK	100	0	22.25	22.38	22.28		
20	16QAM	1	0	22.12	22.33	22.42	24	1
20	16QAM	1	49	22.16	22.40	22.23		
20	16QAM	1	99	22.14	22.29	22.25		
20	16QAM	50	0	21.16	21.35	21.31	23	2
20	16QAM	50	24	21.29	21.29	21.38		
20	16QAM	50	50	21.14	21.30	21.30		
20	16QAM	100	0	21.19	21.37	21.32		
20	64QAM	1	0	21.29	21.35	21.44	23	2
20	64QAM	1	49	21.18	21.36	21.19		
20	64QAM	1	99	21.11	21.34	21.20		
20	64QAM	50	0	20.24	20.32	20.36	22	3
20	64QAM	50	24	20.26	20.30	20.32		
20	64QAM	50	50	20.14	20.32	20.31		
20	64QAM	100	0	20.27	20.48	20.27		
20	256QAM	1	0	18.19	18.32	18.41	20	5
20	256QAM	1	49	18.21	18.24	18.31		
20	256QAM	1	99	18.15	18.27	18.38		
20	256QAM	50	0	18.24	18.36	18.30	20	5
20	256QAM	50	24	18.17	18.37	18.40		
20	256QAM	50	50	18.11	18.36	18.28		
20	256QAM	100	0	18.21	18.26	18.21		
Channel				37725	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.08	23.33	23.25	25	0
15	QPSK	1	37	23.06	23.25	23.21		
15	QPSK	1	74	23.06	23.12	23.20		
15	QPSK	36	0	22.21	22.31	22.23	24	1
15	QPSK	36	20	22.12	22.13	22.28		
15	QPSK	36	39	22.12	22.21	22.24		
15	QPSK	75	0	22.16	22.30	22.18		
15	16QAM	1	0	22.00	22.25	22.31	24	1
15	16QAM	1	37	22.02	22.25	22.14		
15	16QAM	1	74	22.08	22.12	22.12		
15	16QAM	36	0	21.10	21.27	21.17	23	2
15	16QAM	36	20	21.22	21.15	21.25		
15	16QAM	36	39	21.05	21.20	21.17		
15	16QAM	75	0	21.15	21.21	21.24		
15	64QAM	1	0	21.20	21.21	21.31	23	2
15	64QAM	1	37	21.07	21.25	21.08		
15	64QAM	1	74	21.03	21.24	21.09		
15	64QAM	36	0	20.18	20.16	20.21	22	3
15	64QAM	36	20	20.21	20.21	20.19		
15	64QAM	36	39	20.25	20.23	20.17		
15	64QAM	75	0	20.14	20.37	20.21		
15	256QAM	1	0	18.11	18.24	18.37	20	5
15	256QAM	1	37	18.10	18.08	18.20		
15	256QAM	1	74	18.04	18.18	18.30		
15	256QAM	36	0	18.15	18.30	18.17	20	5
15	256QAM	36	20	18.05	18.27	18.29		
15	256QAM	36	39	18.03	18.25	18.19		
15	256QAM	75	0	18.15	18.22	18.17		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.10	23.36	23.28	25	0
10	QPSK	1	25	23.11	23.18	23.23		
10	QPSK	1	49	23.07	23.21	23.14		
10	QPSK	25	0	22.18	22.26	22.27	24	1
10	QPSK	25	12	22.12	22.19	22.24		
10	QPSK	25	25	22.02	22.20	22.16		
10	QPSK	50	0	22.13	22.25	22.17		
10	16QAM	1	0	22.04	22.28	22.31	24	1
10	16QAM	1	25	22.07	22.33	22.19		
10	16QAM	1	49	22.20	22.22	22.13		
10	16QAM	25	0	21.01	21.26	21.16	23	2
10	16QAM	25	12	21.21	21.15	21.23		
10	16QAM	25	25	21.09	21.15	21.20		
10	16QAM	50	0	21.12	21.28	21.24		
10	64QAM	1	0	21.18	21.21	21.31	23	2
10	64QAM	1	25	21.08	21.29	21.07		
10	64QAM	1	49	21.03	21.22	21.05		
10	64QAM	25	0	20.17	20.26	20.28	22	3
10	64QAM	25	12	20.13	20.15	20.24		
10	64QAM	25	25	20.06	20.17	20.24		
10	64QAM	50	0	20.14	20.33	20.22		
10	256QAM	1	0	18.04	18.16	18.27	20	5
10	256QAM	1	25	18.06	18.12	18.24		
10	256QAM	1	49	18.03	18.17	18.27		
10	256QAM	25	0	18.08	18.26	18.21	20	5
10	256QAM	25	12	18.07	18.23	18.33		
10	256QAM	25	25	18.03	18.31	18.21		
10	256QAM	50	0	18.06	18.15	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	23.05	23.32	23.29	25	0
5	QPSK	1	12	23.03	23.24	23.17		
5	QPSK	1	24	23.10	23.16	23.17		
5	QPSK	12	0	22.14	22.28	22.23	24	1
5	QPSK	12	7	22.08	22.13	22.24		
5	QPSK	12	13	22.13	22.26	22.20		
5	QPSK	25	0	22.11	22.31	22.18		
5	16QAM	1	0	22.00	22.24	22.33	24	1
5	16QAM	1	12	22.11	22.26	22.07		
5	16QAM	1	24	22.01	22.14	22.17		
5	16QAM	12	0	21.11	21.20	21.19	23	2
5	16QAM	12	7	21.14	21.18	21.30		
5	16QAM	12	13	21.15	21.23	21.19		
5	16QAM	25	0	21.04	21.31	21.17		
5	64QAM	1	0	21.25	21.29	21.28	23	2
5	64QAM	1	12	21.12	21.20	21.13		
5	64QAM	1	24	21.07	21.20	21.11		
5	64QAM	12	0	20.18	20.17	20.27	22	3
5	64QAM	12	7	20.10	20.18	20.18		
5	64QAM	12	13	20.01	20.20	20.19		
5	64QAM	25	0	20.18	20.33	20.17		
5	256QAM	1	0	18.12	18.23	18.32	20	5
5	256QAM	1	12	18.05	18.11	18.21		
5	256QAM	1	24	18.07	18.12	18.30		
5	256QAM	12	0	18.16	18.23	18.18	20	5
5	256QAM	12	7	18.05	18.31	18.26		
5	256QAM	12	13	18.02	18.30	18.23		
5	256QAM	25	0	18.06	18.18	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.81	23.96	23.94	23.88	25	0
20	QPSK	1	49	23.71	23.77	23.93	23.91	23.77		
20	QPSK	1	99	23.73	23.72	23.90	23.87	23.75		
20	QPSK	50	0	22.90	22.81	23.00	22.95	22.89	24	1
20	QPSK	50	24	22.69	22.83	22.87	22.92	22.76		
20	QPSK	50	50	22.75	22.77	22.91	22.90	22.74		
20	QPSK	100	0	22.86	22.84	22.99	22.91	22.91		
20	16QAM	1	0	22.88	22.78	22.96	22.98	22.86	24	1
20	16QAM	1	49	22.66	22.78	22.95	22.85	22.79		
20	16QAM	1	99	22.74	22.75	22.87	22.85	22.77		
20	16QAM	50	0	21.84	21.76	22.00	21.96	21.90	23	2
20	16QAM	50	24	21.71	21.88	21.91	21.97	21.81		
20	16QAM	50	50	21.76	21.79	21.91	21.88	21.79		
20	16QAM	100	0	21.90	21.85	21.95	21.92	21.86		
20	64QAM	1	0	21.83	21.84	21.92	22.00	21.82	23	2
20	64QAM	1	49	21.64	21.76	21.97	21.81	21.74		
20	64QAM	1	99	21.74	21.72	21.89	21.81	21.75		
20	64QAM	50	0	20.85	20.83	20.98	20.91	20.84	22	3
20	64QAM	50	24	20.73	20.88	20.85	20.87	20.78		
20	64QAM	50	50	20.79	20.73	20.87	20.94	20.78		
20	64QAM	100	0	20.91	20.85	21.03	20.89	20.95		
20	256QAM	1	0	18.88	18.77	18.95	18.96	18.92	20	5
20	256QAM	1	49	18.71	18.83	18.88	18.95	18.82		
20	256QAM	1	99	18.76	18.78	18.89	18.95	18.69		
20	256QAM	50	0	18.89	18.83	18.94	18.89	18.95	20	5
20	256QAM	50	24	18.84	18.75	18.97	18.96	18.82		
20	256QAM	50	50	18.72	18.75	18.96	18.85	18.77		
20	256QAM	100	0	18.69	18.76	18.87	18.84	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.73	23.76	23.85	23.88	23.79	25.00	0
15	QPSK	1	37	23.62	23.75	23.91	23.84	23.69		
15	QPSK	1	74	23.66	23.58	23.81	23.74	23.71		
15	QPSK	36	0	22.80	22.78	22.87	22.90	22.83	24	1
15	QPSK	36	20	22.61	22.79	22.80	22.78	22.73		
15	QPSK	36	39	22.71	22.70	22.88	22.83	22.63		
15	QPSK	75	0	22.75	22.75	22.89	22.83	22.88		
15	16QAM	1	0	22.85	22.64	22.92	22.94	22.81	24	1
15	16QAM	1	37	22.63	22.71	22.90	22.77	22.77		
15	16QAM	1	74	22.67	22.67	22.82	22.79	22.71		
15	16QAM	36	0	21.81	21.65	21.95	21.85	21.88	23	2
15	16QAM	36	20	21.66	21.79	21.81	21.94	21.72		
15	16QAM	36	39	21.64	21.76	21.89	21.80	21.66		
15	16QAM	75	0	21.87	21.71	21.86	21.86	21.78		
15	64QAM	1	0	21.74	21.77	21.85	21.96	21.69	23	2
15	64QAM	1	37	21.55	21.73	21.84	21.76	21.64		
15	64QAM	1	74	21.63	21.61	21.83	21.70	21.61		
15	64QAM	36	0	20.77	20.77	20.89	20.88	20.82	22	3
15	64QAM	36	20	20.61	20.80	20.81	20.81	20.71		
15	64QAM	36	39	20.72	20.59	20.74	20.83	20.72		
15	64QAM	75	0	20.88	20.75	20.95	20.86	20.84		
15	256QAM	1	0	18.78	18.66	18.82	18.84	18.83	20	5
15	256QAM	1	37	18.64	18.70	18.76	18.88	18.69		
15	256QAM	1	74	18.66	18.74	18.77	18.88	18.59		
15	256QAM	36	0	18.84	18.74	18.90	18.80	18.88	20	5
15	256QAM	36	20	18.75	18.63	18.88	18.94	18.78		
15	256QAM	36	39	18.64	18.67	18.83	18.82	18.71		
15	256QAM	75	0	18.56	18.70	18.80	18.76	18.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.73	23.94	23.82	23.78	25.00	0
10	QPSK	1	25	23.61	23.67	23.80	23.87	23.75		
10	QPSK	1	49	23.65	23.65	23.82	23.79	23.67		
10	QPSK	25	0	22.84	22.73	22.96	22.86	22.79	24	1
10	QPSK	25	12	22.62	22.71	22.83	22.88	22.63		
10	QPSK	25	25	22.66	22.68	22.82	22.83	22.70		
10	QPSK	50	0	22.83	22.79	22.92	22.86	22.85		
10	16QAM	1	0	22.84	22.71	22.93	22.86	22.73	24	1
10	16QAM	1	25	22.61	22.65	22.84	22.73	22.75		
10	16QAM	1	49	22.66	22.64	22.82	22.72	22.66		
10	16QAM	25	0	21.78	21.70	21.97	21.87	21.84	23	2
10	16QAM	25	12	21.67	21.81	21.78	21.92	21.70		
10	16QAM	25	25	21.72	21.69	21.87	21.75	21.77		
10	16QAM	50	0	21.82	21.76	21.91	21.89	21.82		
10	64QAM	1	0	21.72	21.75	21.83	21.94	21.79	23	2
10	64QAM	1	25	21.60	21.73	21.93	21.78	21.63		
10	64QAM	1	49	21.64	21.62	21.85	21.69	21.68		
10	64QAM	25	0	20.83	20.76	20.91	20.78	20.76	22	3
10	64QAM	25	12	20.62	20.76	20.76	20.82	20.75		
10	64QAM	25	25	20.71	20.62	20.78	20.86	20.65		
10	64QAM	50	0	20.82	20.75	21.00	20.84	20.82		
10	256QAM	1	0	18.80	18.73	18.91	18.88	18.86	20	5
10	256QAM	1	25	18.64	18.74	18.82	18.90	18.72		
10	256QAM	1	49	18.67	18.75	18.84	18.81	18.58		
10	256QAM	25	0	18.76	18.72	18.87	18.83	18.82	20	5
10	256QAM	25	12	18.71	18.66	18.84	18.92	18.76		
10	256QAM	25	25	18.67	18.66	18.85	18.71	18.68		
10	256QAM	50	0	18.61	18.62	18.77	18.75	18.66		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.77	23.84	23.81	23.78	25.00	0
5	QPSK	1	12	23.62	23.73	23.83	23.77	23.64		
5	QPSK	1	24	23.71	23.68	23.83	23.82	23.67		
5	QPSK	12	0	22.77	22.77	22.95	22.87	22.77	24	1
5	QPSK	12	7	22.58	22.70	22.80	22.88	22.72		
5	QPSK	12	13	22.62	22.74	22.79	22.80	22.64		
5	QPSK	25	0	22.72	22.74	22.97	22.87	22.86		
5	16QAM	1	0	22.74	22.75	22.88	22.87	22.81	24	1
5	16QAM	1	12	22.63	22.67	22.84	22.76	22.68		
5	16QAM	1	24	22.67	22.64	22.81	22.77	22.67		
5	16QAM	12	0	21.81	21.67	21.89	21.86	21.79	23	2
5	16QAM	12	7	21.59	21.77	21.86	21.84	21.68		
5	16QAM	12	13	21.67	21.69	21.86	21.76	21.76		
5	16QAM	25	0	21.84	21.77	21.87	21.83	21.80		
5	64QAM	1	0	21.73	21.78	21.87	21.92	21.69	23	2
5	64QAM	1	12	21.60	21.66	21.90	21.77	21.64		
5	64QAM	1	24	21.66	21.61	21.81	21.72	21.65		
5	64QAM	12	0	20.75	20.77	20.92	20.84	20.74	22	3
5	64QAM	12	7	20.64	20.86	20.75	20.76	20.67		
5	64QAM	12	13	20.66	20.69	20.84	20.89	20.72		
5	64QAM	25	0	20.87	20.81	20.92	20.86	20.84		
5	256QAM	1	0	18.84	18.69	18.88	18.84	18.88	20	5
5	256QAM	1	12	18.62	18.78	18.77	18.87	18.69		
5	256QAM	1	24	18.62	18.75	18.80	18.84	18.57		
5	256QAM	12	0	18.84	18.74	18.86	18.86	18.82	20	5
5	256QAM	12	7	18.73	18.64	18.86	18.82	18.70		
5	256QAM	12	13	18.61	18.66	18.89	18.80	18.71		
5	256QAM	25	0	18.57	18.65	18.77	18.75	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.88	25.96	26.02	25.92	25.93	27	0
20	QPSK	1	49	25.84	25.93	25.98	25.86	25.84		
20	QPSK	1	99	25.79	25.91	25.97	25.80	25.85		
20	QPSK	50	0	24.88	25.01	25.06	24.95	24.95	26	1
20	QPSK	50	24	24.84	24.91	25.01	24.84	24.87		
20	QPSK	50	50	24.81	24.92	25.02	24.75	24.85		
20	QPSK	100	0	24.86	24.96	25.03	24.92	24.91		
20	16QAM	1	0	24.91	24.97	25.02	24.92	24.98	26	1
20	16QAM	1	49	24.84	24.87	25.01	24.91	24.84		
20	16QAM	1	99	24.77	24.95	24.99	24.77	24.88		
20	16QAM	50	0	23.92	24.02	24.08	24.00	23.97	25	2
20	16QAM	50	24	23.87	23.89	23.96	23.88	23.82		
20	16QAM	50	50	23.84	23.94	24.07	23.81	23.90		
20	16QAM	100	0	23.89	23.90	24.04	23.95	23.94		
20	64QAM	1	0	23.89	23.97	24.03	23.96	24.00	25	2
20	64QAM	1	49	23.82	23.83	23.98	23.92	23.90		
20	64QAM	1	99	23.75	23.89	23.97	23.78	23.89		
20	64QAM	50	0	22.93	22.98	23.10	22.93	22.90	24	3
20	64QAM	50	24	22.78	22.93	23.02	22.83	22.82		
20	64QAM	50	50	22.76	22.93	22.98	22.70	22.80		
20	64QAM	100	0	22.82	22.96	23.06	22.89	22.89		
20	256QAM	1	0	20.87	21.05	21.05	21.00	20.89	22	5
20	256QAM	1	49	20.82	20.97	20.95	20.79	20.86		
20	256QAM	1	99	20.78	20.88	21.07	20.73	20.84		
20	256QAM	50	0	20.83	21.00	21.06	20.91	20.89	22	5
20	256QAM	50	24	20.87	20.92	20.98	20.89	20.99		
20	256QAM	50	50	20.80	20.84	20.97	20.93	20.80		
20	256QAM	100	0	20.81	20.94	20.99	20.72	20.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.83	25.88	25.94	25.81	25.91	27.00	0
15	QPSK	1	37	25.72	25.88	25.93	25.79	25.72		
15	QPSK	1	74	25.74	25.80	25.90	25.74	25.81		
15	QPSK	36	0	24.84	24.89	24.95	24.91	24.84	26	1
15	QPSK	36	20	24.75	24.82	24.88	24.71	24.75		
15	QPSK	36	39	24.71	24.84	24.96	24.70	24.81		
15	QPSK	75	0	24.75	24.83	24.92	24.82	24.84		
15	16QAM	1	0	24.84	24.90	24.93	24.84	24.87	26	1
15	16QAM	1	37	24.71	24.85	24.88	24.80	24.78		
15	16QAM	1	74	24.75	24.83	24.88	24.74	24.80		
15	16QAM	36	0	23.82	23.98	23.95	23.89	23.90	25	2
15	16QAM	36	20	23.78	23.84	23.87	23.80	23.71		
15	16QAM	36	39	23.81	23.92	23.97	23.68	23.79		
15	16QAM	75	0	23.81	23.81	23.91	23.81	23.89		
15	64QAM	1	0	23.85	23.84	23.91	23.92	23.95	25	2
15	64QAM	1	37	23.74	23.78	23.89	23.87	23.81		
15	64QAM	1	74	23.68	23.77	23.92	23.65	23.87		
15	64QAM	36	0	22.81	22.86	23.06	22.85	22.77	24	3
15	64QAM	36	20	22.73	22.87	22.93	22.77	22.73		
15	64QAM	36	39	22.71	22.80	22.86	22.63	22.69		
15	64QAM	75	0	22.72	22.86	22.97	22.77	22.84		
15	256QAM	1	0	20.83	20.92	20.94	20.94	20.76	22	5
15	256QAM	1	37	20.72	20.89	20.85	20.76	20.77		
15	256QAM	1	74	20.67	20.85	21.03	20.69	20.82		
15	256QAM	36	0	20.78	20.90	20.94	20.79	20.79	22	5
15	256QAM	36	20	20.84	20.84	20.90	20.81	20.94		
15	256QAM	36	39	20.73	20.76	20.93	20.82	20.74		
15	256QAM	75	0	20.73	20.84	20.95	20.64	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.92	25.89	25.86	25.89	27.00	0
10	QPSK	1	25	25.71	25.85	25.95	25.75	25.75		
10	QPSK	1	49	25.77	25.83	25.83	25.66	25.82		
10	QPSK	25	0	24.85	24.99	25.02	24.86	24.88	26	1
10	QPSK	25	12	24.73	24.80	24.92	24.77	24.79		
10	QPSK	25	25	24.70	24.84	24.91	24.72	24.72		
10	QPSK	50	0	24.73	24.88	25.00	24.88	24.88		
10	16QAM	1	0	24.85	24.85	24.89	24.86	24.90	26	1
10	16QAM	1	25	24.77	24.82	24.99	24.83	24.70		
10	16QAM	1	49	24.72	24.85	24.93	24.66	24.78		
10	16QAM	25	0	23.82	23.98	23.97	23.94	23.88	25	2
10	16QAM	25	12	23.76	23.79	23.85	23.82	23.70		
10	16QAM	25	25	23.80	23.81	24.03	23.77	23.83		
10	16QAM	50	0	23.85	23.79	24.01	23.90	23.84		
10	64QAM	1	0	23.76	23.87	23.95	23.93	23.88	25	2
10	64QAM	1	25	23.69	23.74	23.92	23.85	23.88		
10	64QAM	1	49	23.63	23.82

GSM1900 Ant2 DSI11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.66	26.70	26.69	27.80	17.66	17.70	17.69	18.80
GPRS 1 Tx slot	26.64	26.69	26.65	27.80	17.64	17.69	17.65	18.80
GPRS 2 Tx slots	23.55	23.72	23.69	24.80	17.55	17.72	17.69	18.80
GPRS 3 Tx slots	21.83	21.93	21.89	23.00	17.57	17.67	17.63	18.74
GPRS 4 Tx slots	20.61	20.70	20.66	21.80	17.61	17.70	17.66	18.80
EDGE 1 Tx slot	24.12	24.26	24.15	25.00	15.12	15.26	15.15	16.00
EDGE 2 Tx slots	23.56	23.60	23.49	24.80	17.56	17.60	17.49	18.80
EDGE 3 Tx slots	22.07	22.18	22.05	23.00	17.81	17.92	17.79	18.74
EDGE 4 Tx slots	19.88	19.93	19.81	21.00	16.88	16.93	16.81	18.00

Band		WCDMA II Ant2 DSI11			Tune-up Limit (dBm)	WCDMA IV Ant2 DSI11			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.38	17.47	17.40	18.50	19.39	19.45	19.46	20.30
3GPP Rel 99	RMC 12.2Kbps	17.44	17.51	17.39	18.50	19.57	19.61	19.34	20.30
3GPP Rel 6	HSDPA Subtest-1	16.45	16.57	16.43	17.50	18.60	18.61	18.51	19.30
3GPP Rel 6	HSDPA Subtest-2	16.53	16.55	16.40	17.50	18.44	18.61	18.60	19.30
3GPP Rel 6	HSDPA Subtest-3	15.95	16.07	15.85	17.00	17.99	18.03	17.94	18.80
3GPP Rel 6	HSDPA Subtest-4	15.96	16.13	15.94	17.00	17.97	18.15	18.05	18.80
3GPP Rel 8	DC-HSDPA Subtest-1	16.41	16.50	16.39	17.50	18.51	18.62	18.60	19.30
3GPP Rel 8	DC-HSDPA Subtest-2	16.49	16.50	16.44	17.50	18.52	18.52	18.50	19.30
3GPP Rel 8	DC-HSDPA Subtest-3	15.97	16.06	15.89	17.00	18.02	18.17	17.89	18.80
3GPP Rel 8	DC-HSDPA Subtest-4	16.04	16.02	15.89	17.00	18.12	18.15	17.98	18.80
3GPP Rel 6	HSUPA Subtest-1	16.46	16.45	16.44	17.50	18.53	18.58	18.60	19.30
3GPP Rel 6	HSUPA Subtest-2	14.47	14.58	14.38	15.50	16.43	16.62	16.45	17.30
3GPP Rel 6	HSUPA Subtest-3	15.52	15.48	15.45	16.50	17.63	17.62	17.52	18.30
3GPP Rel 6	HSUPA Subtest-4	14.47	14.57	14.47	15.50	16.56	16.65	16.54	17.30
3GPP Rel 6	HSUPA Subtest-5	16.45	16.59	16.44	17.50	18.50	18.63	18.54	19.30

Band 2 Ant 2 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.89	18.12	18.02	19.1	0
20	QPSK	1	49	18.04	18.01	17.98		
20	QPSK	1	99	18.04	18.05	17.90		
20	QPSK	50	0	18.03	18.11	17.97		
20	QPSK	50	24	17.88	18.09	18.02		
20	QPSK	50	50	17.99	18.03	17.95		
20	QPSK	100	0	17.99	18.06	17.94		
20	16QAM	1	0	17.99	18.02	17.96		
20	16QAM	1	49	18.01	18.01	18.07	19.1	0
20	16QAM	1	99	17.87	18.05	18.02		
20	16QAM	50	0	18.00	18.00	17.90		
20	16QAM	50	24	18.04	18.03	18.00	19.1	0
20	16QAM	50	50	17.93	18.05	18.02		
20	16QAM	100	0	18.00	18.07	18.03		
20	64QAM	1	0	17.90	18.05	18.09		
20	64QAM	1	49	17.93	18.06	17.98	19.1	0
20	64QAM	1	99	18.02	18.05	18.04		
20	64QAM	50	0	17.96	18.07	18.11		
20	64QAM	50	24	17.99	18.04	18.03	19.1	0
20	64QAM	50	50	18.00	17.98	17.98		
20	64QAM	100	0	17.95	18.08	18.04		
20	256QAM	1	0	17.89	18.00	17.94		
20	256QAM	1	49	17.90	17.91	17.89	19	0.1
20	256QAM	1	99	17.91	17.95	17.91		
20	256QAM	50	0	17.85	17.92	17.89		
20	256QAM	50	24	17.84	17.94	17.89	19	0.1
20	256QAM	50	50	17.78	17.85	17.91		
20	256QAM	100	0	17.91	17.97	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.88	18.04	17.90	19.1	0
15	QPSK	1	37	17.91	17.85	17.90		
15	QPSK	1	74	17.91	17.93	17.80		
15	QPSK	36	0	17.89	17.96	17.81		
15	QPSK	36	20	17.80	18.04	17.97	19.1	0
15	QPSK	36	39	17.83	17.92	17.82		
15	QPSK	75	0	17.88	17.97	17.91		
15	16QAM	1	0	17.84	18.01	17.84		
15	16QAM	1	37	17.84	17.95	17.94	19.1	0
15	16QAM	1	74	17.87	17.95	17.91		
15	16QAM	36	0	17.94	17.92	17.90		
15	16QAM	36	20	17.97	17.94	17.87	19.1	0
15	16QAM	36	39	17.86	17.84	17.91		
15	16QAM	75	0	17.81	17.96	17.93		
15	64QAM	1	0	17.83	18.03	17.99		
15	64QAM	1	37	17.86	17.97	17.79	19.1	0
15	64QAM	1	74	17.96	17.92	17.97		
15	64QAM	36	0	17.88	17.97	17.96		
15	64QAM	36	20	17.84	17.90	17.86	19.1	0
15	64QAM	36	39	17.84	17.90	17.93		
15	64QAM	75	0	17.80	18.00	17.91		
15	256QAM	1	0	17.78	17.83	17.78		
15	256QAM	1	37	17.81	17.86	17.76	19	0.1
15	256QAM	1	74	17.84	17.78	17.80		
15	256QAM	36	0	17.67	17.79	17.76		
15	256QAM	36	20	17.69	17.83	17.74	19	0.1
15	256QAM	36	39	17.80	17.83	17.87		
15	256QAM	75	0	17.86	17.81	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.87	18.01	17.85	19.1	0
10	QPSK	1	25	17.98	17.88	17.86		
10	QPSK	1	49	17.96	17.98	17.80		
10	QPSK	25	0	17.90	18.01	17.79	19.1	0
10	QPSK	25	12	17.87	18.01	17.96		
10	QPSK	25	25	17.81	17.99	17.89		
10	QPSK	50	0	17.88	17.94	17.87		
10	16QAM	1	0	17.89	17.94	17.92		
10	16QAM	1	25	17.87	17.95	17.95	19.1	0
10	16QAM	1	49	17.78	17.86	17.93		
10	16QAM	25	0	17.88	17.85	17.80		
10	16QAM	25	12	17.97	18.01	17.84	19.1	0
10	16QAM	25	25	17.88	17.90	17.97		
10	16QAM	50	0	17.87	17.96	17.88		
10	64QAM	1	0	17.83	18.00	17.98		
10	64QAM	1	25	17.84	17.98	17.89	19.1	0
10	64QAM	1	49	17.88	17.87	18.00		
10	64QAM	25	0	17.92	17.97	17.97		
10	64QAM	25	12	17.92	17.93	17.88	19.1	0
10	64QAM	25	25	17.90	17.90	17.97		
10	64QAM	50	0	17.89	17.92	17.93		
10	256QAM	1	0	17.76	17.84	17.82		
10	256QAM	1	25	17.76	17.80	17.83	19	0.1
10	256QAM	1	49	17.84	17.78	17.76		
10	256QAM	25	0	17.66	17.83	17.77		
10	256QAM	25	12	17.70	17.86	17.80	19	0.1
10	256QAM	25	25	17.69	17.84	17.89		
10	256QAM	50	0	17.81	17.78	17.86		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.82	18.02	17.94	19.1	0
5	QPSK	1	12	17.89	17.87	17.84		
5	QPSK	1	24	17.98	18.01	17.85		
5	QPSK	12	0	17.92	18.01	17.82	19.1	0
5	QPSK	12	7	17.86	18.00	17.97		
5	QPSK	12	13	17.85	17.94	17.92		
5	QPSK	25	0	17.81	17.89	17.84		
5	16QAM	1	0	17.81	18.04	17.94	19.1	0
5	16QAM	1	12	17.85	17.95	17.88		
5	16QAM	1	24	17.86	17.89	17.97		
5	16QAM	12	0	17.88	17.85	17.81	19.1	0
5	16QAM	12	7	17.96	17.93	17.89		
5	16QAM	12	13	17.83	17.89	17.93		
5	16QAM	25	0	17.89	17.96	17.88		
5	64QAM	1	0	17.88	17.96	17.92	19.1	0
5	64QAM	1	12	17.92	17.98	17.87		
5	64QAM	1	24	17.86	17.95	18.00		
5	64QAM	12	0	17.82	17.98	17.98	19.1	0
5	64QAM	12	7	17.94	17.94	17.88		
5	64QAM	12	13	17.84	17.91	17.93		
5	64QAM	25	0	17.84	17.90	17.95		
5	256QAM	1	0	17.77	17.81	17.80	19	0.1
5	256QAM	1	12	17.75	17.88	17.78		
5	256QAM	1	24	17.82	17.76	17.80		
5	256QAM	12	0	17.76	17.87	17.82	19	0.1
5	256QAM	12	7	17.76	17.90	17.80		
5	256QAM	12	13	17.80	17.82	17.88		
5	256QAM	25	0	17.80	17.84	17.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.81	18.01	17.87	19.1	0
3	QPSK	1	8	17.96	17.89	17.84		
3	QPSK	1	14	17.97	17.95	17.80		
3	QPSK	8	0	17.89	18.05	17.90	19.1	0
3	QPSK	8	4	17.77	18.03	17.98		
3	QPSK	8	7	17.89	17.96	17.92		
3	QPSK	15	0	17.78	17.89	17.93		
3	16QAM	1	0	17.84	17.95	17.92	19.1	0
3	16QAM	1	8	17.82	17.95	17.98		
3	16QAM	1	14	17.81	17.87	17.92		
3	16QAM	8	0	17.90	17.94	17.87	19.1	0
3	16QAM	8	4	17.90	17.98	17.86		
3	16QAM	8	7	17.83	17.90	17.95		
3	16QAM	15	0	17.83	17.96	17.92		
3	64QAM	1	0	17.90	17.94	17.99	19.1	0
3	64QAM	1	8	17.86	18.04	17.88		
3	64QAM	1	14	17.88	17.91	18.01		
3	64QAM	8	0	17.87	17.97	17.94	19.1	0
3	64QAM	8	4	17.85	17.91	17.96		
3	64QAM	8	7	17.90	17.91	17.91		
3	64QAM	15	0	17.85	17.91	17.86		
3	256QAM	1	0	17.86	17.89	17.85	19	0.1
3	256QAM	1	8	17.87	17.84	17.81		
3	256QAM	1	14	17.81	17.76	17.79		
3	256QAM	8	0	17.77	17.78	17.76	19	0.1
3	256QAM	8	4	17.66	17.85	17.72		
3	256QAM	8	7	17.72	17.86	17.83		
3	256QAM	15	0	17.83	17.86	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.79	18.03	17.86	19.1	0
1.4	QPSK	1	3	17.96	17.96	17.87		
1.4	QPSK	1	5	17.97	17.97	17.85		
1.4	QPSK	3	0	17.88	18.04	17.87		
1.4	QPSK	3	1	17.83	17.97	17.93		
1.4	QPSK	3	3	17.89	18.02	17.87		
1.4	QPSK	6	0	17.85	17.92	17.90	19.1	0
1.4	16QAM	1	0	17.91	17.95	17.94	19.1	0
1.4	16QAM	1	3	17.89	17.90	17.98		
1.4	16QAM	1	5	17.83	17.85	17.97		
1.4	16QAM	3	0	17.93	17.86	17.86		
1.4	16QAM	3	1	17.88	17.91	17.82		
1.4	16QAM	3	3	17.80	17.91	17.96		
1.4	16QAM	6	0	17.89	17.97	17.90	19.1	0
1.4	64QAM	1	0	17.94	18.03	17.91	19.1	0
1.4	64QAM	1	3	17.93	18.03	17.85		
1.4	64QAM	1	5	17.92	17.87	18.00		
1.4	64QAM	3	0	17.86	17.97	18.00		
1.4	64QAM	3	1	17.83	17.92	17.90		
1.4	64QAM	3	3	17.92	17.89	17.93		
1.4	64QAM	6	0	17.85	17.93	17.86	19.1	0
1.4	256QAM	1	0	17.75	17.86	17.79	19	0.1
1.4	256QAM	1	3	17.79	17.83	17.82		
1.4	256QAM	1	5	17.78	17.78	17.82		
1.4	256QAM	3	0	17.70	17.85	17.73		
1.4	256QAM	3	1	17.74	17.89	17.72		
1.4	256QAM	3	3	17.80	17.80	17.78		
1.4	256QAM	6	0	17.84	17.80	17.86	19	0.1

Band 4 Ant 2 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.16	18.23	18.11	19.4	0
20	QPSK	1	49	18.11	18.06	18.07		
20	QPSK	1	99	18.07	18.08	18.06		
20	QPSK	50	0	18.10	18.16	17.98		
20	QPSK	50	24	18.12	18.15	18.09		
20	QPSK	50	50	18.05	18.10	17.94		
20	QPSK	100	0	18.08	18.14	18.12		
20	16QAM	1	0	18.08	18.12	18.06		
20	16QAM	1	49	18.09	18.15	18.07	19.4	0
20	16QAM	1	99	18.07	18.05	18.00		
20	16QAM	50	0	18.12	18.16	18.06		
20	16QAM	50	24	18.03	18.06	17.99	19.4	0
20	16QAM	50	50	18.11	18.05	18.04		
20	16QAM	100	0	18.18	18.19	18.08		
20	64QAM	1	0	18.09	18.07	18.09		
20	64QAM	1	49	18.14	18.08	18.04	19.4	0
20	64QAM	1	99	18.02	18.01	18.06		
20	64QAM	50	0	18.12	18.15	18.02		
20	64QAM	50	24	17.98	18.13	18.06	19.4	0
20	64QAM	50	50	18.19	18.11	18.00		
20	64QAM	100	0	18.10	18.12	18.06		
20	256QAM	1	0	17.59	17.59	17.51		
20	256QAM	1	49	17.57	17.67	17.54	19	0.4
20	256QAM	1	99	17.56	17.61	17.55		
20	256QAM	50	0	17.57	17.67	17.58		
20	256QAM	50	24	17.62	17.64	17.54	19	0.4
20	256QAM	50	50	17.59	17.58	17.53		
20	256QAM	100	0	17.58	17.55	17.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.02	18.12	17.99	19.4	0
15	QPSK	1	37	17.93	17.97	18.05		
15	QPSK	1	74	17.99	18.01	17.93		
15	QPSK	36	0	17.95	18.07	17.98		
15	QPSK	36	20	18.03	17.95	17.90	19.4	0
15	QPSK	36	39	18.00	18.00	17.87		
15	QPSK	75	0	17.98	17.94	17.92		
15	16QAM	1	0	18.10	18.07	17.98		
15	16QAM	1	37	18.00	18.03	18.05	19.4	0
15	16QAM	1	74	17.98	18.04	18.01		
15	16QAM	36	0	18.01	18.05	17.93		
15	16QAM	36	20	17.94	17.94	17.95	19.4	0
15	16QAM	36	39	18.02	17.99	17.98		
15	16QAM	75	0	18.05	18.10	17.96		
15	64QAM	1	0	17.94	18.02	17.99		
15	64QAM	1	37	18.04	17.92	17.90	19.4	0
15	64QAM	1	74	17.90	17.94	17.96		
15	64QAM	36	0	18.01	18.11	17.91		
15	64QAM	36	20	17.88	17.97	17.98	19.4	0
15	64QAM	36	39	18.05	18.03	17.97		
15	64QAM	75	0	18.01	18.04	17.99		
15	256QAM	1	0	17.51	17.45	17.45		
15	256QAM	1	37	17.54	17.57	17.50	19	0.4
15	256QAM	1	74	17.45	17.53	17.41		
15	256QAM	36	0	17.44	17.53	17.46		
15	256QAM	36	20	17.50	17.54	17.37	19	0.4
15	256QAM	36	39	17.52	17.48	17.40		
15	256QAM	75	0	17.44	17.47	17.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.06	18.14	18.04	19.4	0
10	QPSK	1	25	17.98	17.99	18.00		
10	QPSK	1	49	18.01	17.90	17.99		
10	QPSK	25	0	17.91	18.06	17.95	19.4	0
10	QPSK	25	12	18.01	18.01	17.92		
10	QPSK	25	25	17.92	18.00	17.94		
10	QPSK	50	0	17.99	18.03	17.99		
10	16QAM	1	0	18.05	18.04	17.97	19.4	0
10	16QAM	1	25	18.07	18.04	17.98		
10	16QAM	1	49	17.98	17.97	17.99		
10	16QAM	25	0	18.02	18.07	17.99	19.4	0
10	16QAM	25	12	17.89	17.97	17.87		
10	16QAM	25	25	18.09	17.90	18.01		
10	16QAM	50	0	18.08	18.00	17.97		
10	64QAM	1	0	17.97	18.03	17.99	19.4	0
10	64QAM	1	25	18.02	17.98	17.96		
10	64QAM	1	49	17.90	17.94	17.94		
10	64QAM	25	0	17.96	18.10	17.88	19.4	0
10	64QAM	25	12	17.92	17.94	18.00		
10	64QAM	25	25	18.00	18.02	17.94		
10	64QAM	50	0	18.02	18.00	17.95		
10	256QAM	1	0	17.51	17.44	17.41	19	0.4
10	256QAM	1	25	17.49	17.59	17.49		
10	256QAM	1	49	17.52	17.57	17.45		
10	256QAM	25	0	17.41	17.51	17.49	19	0.4
10	256QAM	25	12	17.51	17.56	17.42		
10	256QAM	25	25	17.46	17.53	17.45		
10	256QAM	50	0	17.39	17.44	17.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.98	18.09	17.99	19.4	0
5	QPSK	1	12	17.96	18.04	18.05		
5	QPSK	1	24	18.03	17.93	18.00		
5	QPSK	12	0	17.98	18.11	17.88	19.4	0
5	QPSK	12	7	18.02	18.04	17.96		
5	QPSK	12	13	17.96	17.98	17.95		
5	QPSK	25	0	18.03	18.02	17.99		
5	16QAM	1	0	18.06	17.95	18.03	19.4	0
5	16QAM	1	12	18.01	18.00	18.07		
5	16QAM	1	24	17.94	18.03	17.94		
5	16QAM	12	0	18.01	17.99	17.91	19.4	0
5	16QAM	12	7	17.99	17.93	17.90		
5	16QAM	12	13	18.07	17.91	18.04		
5	16QAM	25	0	18.01	18.03	17.98		
5	64QAM	1	0	18.01	17.96	17.97	19.4	0
5	64QAM	1	12	18.02	17.91	17.89		
5	64QAM	1	24	17.92	17.96	17.96		
5	64QAM	12	0	17.98	18.10	17.93	19.4	0
5	64QAM	12	7	17.89	18.01	17.90		
5	64QAM	12	13	18.07	17.99	17.90		
5	64QAM	25	0	18.03	18.01	17.91		
5	256QAM	1	0	17.44	17.46	17.51	19	0.4
5	256QAM	1	12	17.53	17.56	17.47		
5	256QAM	1	24	17.43	17.51	17.46		
5	256QAM	12	0	17.38	17.51	17.48	19	0.4
5	256QAM	12	7	17.48	17.59	17.34		
5	256QAM	12	13	17.51	17.57	17.38		
5	256QAM	25	0	17.38	17.49	17.44		
Channel				19950	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.04	18.12	18.06	19.4	0
3	QPSK	1	8	17.93	18.00	18.03		
3	QPSK	1	14	18.01	17.99	17.93		
3	QPSK	8	0	17.94	18.05	17.90	19.4	0
3	QPSK	8	4	17.95	17.96	17.97		
3	QPSK	8	7	18.01	17.98	17.84		
3	QPSK	15	0	17.95	17.96	18.01		
3	16QAM	1	0	18.10	17.96	18.05	19.4	0
3	16QAM	1	8	18.00	18.02	17.95		
3	16QAM	1	14	17.93	18.01	17.97		
3	16QAM	8	0	18.01	18.06	17.96	19.4	0
3	16QAM	8	4	17.93	17.95	17.89		
3	16QAM	8	7	18.00	18.02	18.04		
3	16QAM	15	0	18.10	18.03	17.95		
3	64QAM	1	0	17.99	17.98	17.94	19.4	0
3	64QAM	1	8	18.04	17.94	18.00		
3	64QAM	1	14	17.91	17.94	18.02		
3	64QAM	8	0	18.06	18.06	17.86	19.4	0
3	64QAM	8	4	17.92	17.95	17.90		
3	64QAM	8	7	18.07	18.03	17.92		
3	64QAM	15	0	17.98	18.08	17.97		
3	256QAM	1	0	17.47	17.44	17.49	19	0.4
3	256QAM	1	8	17.48	17.56	17.45		
3	256QAM	1	14	17.45	17.57	17.48		
3	256QAM	8	0	17.40	17.58	17.51	19	0.4
3	256QAM	8	4	17.44	17.52	17.43		
3	256QAM	8	7	17.52	17.54	17.43		
3	256QAM	15	0	17.44	17.52	17.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.05	18.09	18.00	19.4	0
1.4	QPSK	1	3	17.92	18.04	17.96		
1.4	QPSK	1	5	18.04	17.93	17.99		
1.4	QPSK	3	0	17.99	18.05	17.92		
1.4	QPSK	3	1	17.97	17.95	17.94		
1.4	QPSK	3	3	17.96	17.92	17.86		
1.4	QPSK	6	0	17.93	17.94	18.00	19.4	0
1.4	16QAM	1	0	18.03	18.04	17.96	19.4	0
1.4	16QAM	1	3	18.03	18.00	17.96		
1.4	16QAM	1	5	18.01	17.96	18.00		
1.4	16QAM	3	0	18.06	18.01	17.96		
1.4	16QAM	3	1	17.89	17.99	17.96		
1.4	16QAM	3	3	17.98	18.01	18.05		
1.4	16QAM	6	0	18.08	18.11	18.00	19.4	0
1.4	64QAM	1	0	17.92	18.02	17.99	19.4	0
1.4	64QAM	1	3	18.03	17.90	17.96		
1.4	64QAM	1	5	17.99	17.92	17.91		
1.4	64QAM	3	0	18.04	18.03	17.90		
1.4	64QAM	3	1	17.98	18.04	17.91		
1.4	64QAM	3	3	18.04	18.08	17.98		
1.4	64QAM	6	0	18.02	18.03	17.88	19.4	0
1.4	256QAM	1	0	17.51	17.45	17.44	19	0.4
1.4	256QAM	1	3	17.51	17.58	17.47		
1.4	256QAM	1	5	17.44	17.51	17.45		
1.4	256QAM	3	0	17.41	17.52	17.54		
1.4	256QAM	3	1	17.52	17.54	17.36		
1.4	256QAM	3	3	17.49	17.50	17.38		
1.4	256QAM	6	0	17.48	17.51	17.37	19	0.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.44	18.51	18.32	19.8	0
20	QPSK	1	49	18.35	18.39	18.34		
20	QPSK	1	99	18.41	18.47	18.31		
20	QPSK	50	0	18.36	18.49	18.38		
20	QPSK	50	24	18.34	18.39	18.37		
20	QPSK	50	50	18.41	18.43	18.40		
20	QPSK	100	0	18.45	18.48	18.39		
20	16QAM	1	0	18.38	18.44	18.38		
20	16QAM	1	49	18.41	18.45	18.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.03	18.23	18.08		
20	QPSK	1	49	18.13	18.11	18.09	19.1	0
20	QPSK	1	99	18.12	18.17	18.05		
20	QPSK	50	0	18.10	18.21	18.04		
20	QPSK	50	24	18.03	18.19	18.15	19.1	0
20	QPSK	50	50	18.05	18.16	18.07		
20	QPSK	100	0	18.03	18.12	18.09		
20	16QAM	1	0	18.07	18.19	18.09		
20	16QAM	1	49	18.06	18.16	18.13	19.1	0
20	16QAM	1	99	18.02	18.11	18.15		
20	16QAM	50	0	18.12	18.10	18.05		
20	16QAM	50	24	18.11	18.16	18.05	19.1	0
20	16QAM	50	50	18.06	18.09	18.15		
20	16QAM	100	0	18.06	18.17	18.11		
20	64QAM	1	0	18.05	18.18	18.13		
20	64QAM	1	49	18.09	18.19	18.04	19.1	0
20	64QAM	1	99	18.11	18.09	18.15		
20	64QAM	50	0	18.07	18.20	18.16		
20	64QAM	50	24	18.09	18.16	18.11	19.1	0
20	64QAM	50	50	18.09	18.08	18.13		
20	64QAM	100	0	18.04	18.15	18.11		
20	256QAM	1	0	18.01	18.06	18.03		
20	256QAM	1	49	18.01	18.03	17.97	19	0.1
20	256QAM	1	99	18.02	18.00	17.98		
20	256QAM	50	0	17.92	18.03	17.98		
20	256QAM	50	24	17.91	18.08	17.95	19	0.1
20	256QAM	50	50	17.94	18.02	18.03		
20	256QAM	100	0	18.02	18.03	18.01		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.89	18.09	17.95		
15	QPSK	1	37	18.06	18.04	18.01	19.1	0
15	QPSK	1	74	17.99	18.09	17.91		
15	QPSK	36	0	17.97	18.15	17.91		
15	QPSK	36	20	17.89	18.06	18.09	19.1	0
15	QPSK	36	39	17.93	18.05	17.93		
15	QPSK	75	0	17.96	18.06	17.98		
15	16QAM	1	0	18.01	18.09	18.01		
15	16QAM	1	37	17.92	18.09	18.05	19.1	0
15	16QAM	1	74	17.94	18.02	18.11		
15	16QAM	36	0	17.96	18.02	17.94		
15	16QAM	36	20	18.05	18.02	17.93	19.1	0
15	16QAM	36	39	18.00	17.94	18.01		
15	16QAM	75	0	18.01	18.03	18.00		
15	64QAM	1	0	17.95	18.07	17.99		
15	64QAM	1	37	17.97	18.09	17.95	19.1	0
15	64QAM	1	74	17.99	18.04	18.04		
15	64QAM	36	0	17.92	18.14	18.12		
15	64QAM	36	20	17.99	18.01	18.00	19.1	0
15	64QAM	36	39	17.97	17.98	18.01		
15	64QAM	75	0	17.93	18.11	18.02		
15	256QAM	1	0	17.89	17.98	17.94		
15	256QAM	1	37	17.95	17.95	17.83	19	0.1
15	256QAM	1	74	17.96	17.86	17.86		
15	256QAM	36	0	17.88	17.88	17.91		
15	256QAM	36	20	17.83	17.93	17.80	19	0.1
15	256QAM	36	39	17.84	17.94	17.95		
15	256QAM	75	0	17.93	17.97	17.92		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.92	18.16	18.01		
10	QPSK	1	25	18.02	18.04	17.97	19.1	0
10	QPSK	1	49	18.03	18.05	17.93		
10	QPSK	25	0	17.98	18.06	18.00		
10	QPSK	25	12	17.90	18.11	18.03	19.1	0
10	QPSK	25	25	17.96	18.04	17.94		
10	QPSK	50	0	17.88	17.96	17.93		
10	16QAM	1	0	17.94	18.10	18.03		
10	16QAM	1	25	17.94	18.11	18.05	19.1	0
10	16QAM	1	49	17.92	18.02	18.08		
10	16QAM	25	0	18.01	18.04	17.99		
10	16QAM	25	12	18.02	18.05	17.91	19.1	0
10	16QAM	25	25	18.00	18.02	18.00		
10	16QAM	50	0	17.94	18.06	17.97		
10	64QAM	1	0	17.95	18.07	17.98		
10	64QAM	1	25	18.05	18.08	17.89	19.1	0
10	64QAM	1	49	18.03	17.98	18.05		
10	64QAM	25	0	17.93	18.15	18.11		
10	64QAM	25	12	17.96	18.10	18.07	19.1	0
10	64QAM	25	25	18.00	17.99	17.98		
10	64QAM	50	0	17.98	18.04	18.07		
10	256QAM	1	0	17.87	17.99	17.97		
10	256QAM	1	25	17.93	17.96	17.90	19	0.1
10	256QAM	1	49	17.97	17.93	17.86		
10	256QAM	25	0	17.83	17.93	17.88		
10	256QAM	25	12	17.86	17.95	17.79	19	0.1
10	256QAM	25	25	17.83	17.90	17.91		
10	256QAM	50	0	17.87	17.89	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.91	18.16	18.00		
5	QPSK	1	12	18.08	18.03	17.94	19.1	0
5	QPSK	1	24	17.99	18.10	17.90		
5	QPSK	12	0	18.05	18.10	17.96		
5	QPSK	12	7	17.98	18.14	18.02	19.1	0
5	QPSK	12	13	17.94	18.04	18.00		
5	QPSK	25	0	17.94	18.01	18.04		
5	16QAM	1	0	17.99	18.07	17.98		
5	16QAM	1	12	17.99	18.11	18.05	19.1	0
5	16QAM	1	24	17.97	18.05	18.02		
5	16QAM	12	0	17.97	18.03	17.93		
5	16QAM	12	7	17.99	18.11	17.90	19.1	0
5	16QAM	12	13	17.94	17.94	18.01		
5	16QAM	25	0	17.94	18.10	17.98		
5	64QAM	1	0	17.93	18.06	18.03		
5	64QAM	1	12	18.02	18.09	17.91	19.1	0
5	64QAM	1	24	17.96	18.02	18.07		
5	64QAM	12	0	17.93	18.09	18.12		
5	64QAM	12	7	18.04	18.04	17.99	19.1	0
5	64QAM	12	13	18.03	18.02	18.07		
5	64QAM	25	0	17.94	18.08	17.98		
5	256QAM	1	0	17.93	18.00	17.94		
5	256QAM	1	12	17.92	17.94	17.90	19	0.1
5	256QAM	1	24	17.90	17.88	17.87		
5	256QAM	12	0	17.79	17.96	17.86		
5	256QAM	12	7	17.86	18.02	17.90	19	0.1
5	256QAM	12	13	17.86	17.95	17.95		
5	256QAM	25	0	17.97	17.91	17.95		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.96	18.18	18.01		
3	QPSK	1	8	17.98	18.03	17.97	19.1	0
3	QPSK	1	14	18.04	18.11	17.92		
3	QPSK	8	0	17.96	18.10	17.92		
3	QPSK	8	4	17.91	18.14	18.00	19.1	0
3	QPSK	8	7	17.91	18.03	17.96		
3	QPSK	15	0	17.89	17.97	18.01		
3	16QAM	1	0	18.01	18.05	17.94		
3	16QAM	1	8	17.92	18.08	18.00	19.1	0
3	16QAM	1	14	17.89	18.04	18.02		
3	16QAM	8	0	18.01	18.05	17.97		
3	16QAM	8	4	17.96	18.00	18.00	19.1	0
3	16QAM	8	7	17.97	18.02	18.11		
3	16QAM	15	0	17.98	18.09	18.06		
3	64QAM	1	0	17.91	18.12	18.05		
3	64QAM	1	8	18.05	18.14	17.93	19.1	0
3	64QAM	1	14	18.02	18.05	18.04		
3	64QAM	8	0	17.92	18.08	18.08		
3	64QAM	8	4	18.04	18.07	18.05	19.1	0
3	64QAM	8	7	17.95	17.97	18.05		
3	64QAM	15	0	17.94	18.01	18.04		
3	256QAM	1	0	17.94	17.98	17.89		
3	256QAM	1	8	17.87	17.90	17.90	19	0.1
3	256QAM	1	14	17.88	17.88	17.91		
3	256QAM	8	0	17.82	17.96	17.89		
3	256QAM	8	4	17.80	17.93	17.84	19	0.1
3	256QAM	8	7	17.87	17.89	17.97		
3	256QAM	15	0	17.92	17.97	17.95		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.96	18.18	17.99		
1.4	QPSK	1	3	18.00	18.01	18.05		
1.4	QPSK	1	5	18.08	18.04	17.99	19.1	0
1.4	QPSK	3	0	18.03	18.06	17.98		
1.4	QPSK	3	1	17.92	18.11	18.08		
1.4	QPSK	3	3	17.91	18.02	18.02		
1.4	QPSK	6	0	17.88	18.02	18.04	19.1	0
1.4	16QAM	1	0	17.94	18.13	17.93		
1.4	16QAM	1	3	17.90	18.10	18.02		
1.4	16QAM	1	5	17.98	18.04	18.00	19.1	0
1.4	16QAM	3	0	18.01	17.98	17.99		
1.4	16QAM	3	1	18.01	18.10	18.00		
1.4	16QAM	3	3	17.94	18.03	18.04		
1.4	16QAM	6	0	17.97	18.03	18.01	19.1	0
1.4	64QAM	1	0	17.93	18.04	17.98		
1.4	64QAM	1	3	18.05	18.10	17.99		
1.4	64QAM	1	5	17.95	17.95	18.10	19.1	0
1.4	64QAM	3	0	17.97	18.09	18.01		
1.4	64QAM	3	1	18.03	18.06	17.97		
1.4	64QAM	3	3	18.03	18.03	18.04		
1.4	64QAM	6	0	18.00	18.05	18.01	19.1	0
1.4	256QAM	1	0	17.89	18.00	17.92		
1.4	256QAM	1	3	17.93	17.90	17.81		
1.4	256QAM	1	5	17.94	17.89	17.83	19	0.1
1.4	256QAM	3	0	17.77	17.93	17.83		
1.4	256QAM	3	1	17.77	17.95	17.89		
1.4	256QAM	3	3	17.79	17.96	17.91		
1.4	256QAM	6	0	17.90	17.95	17.87	19	0.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.07			
10	QPSK	1	25		18.00		19.4	0
10	QPSK	1	49		17.94			
10	QPSK	25	0		17.91			
10	QPSK	25	12		17.89		19.4	0
10	QPSK	25	25		17.86			
10	QPSK	50	0		17.95			
10	16QAM	1	0		18.04			
10	16QAM	1	25		17.93		19.4	0
10	16QAM	1	49		17.95			
10	16QAM	25	0		17.96			
10	16QAM	25	12		17.99		19.4	0
10	16QAM	25	25		17.99			
10	16QAM	50	0		17.97			
10	64QAM	1	0		17.93			
10	64QAM	1	25		17.97		19.4	0
10	64QAM	1	49		17.93			
10	64QAM	25	0		17.97			
10	64QAM	25	12		17.93		19.4	0
10	64QAM	25	25		17.85			
10	64QAM	50	0		17.95			
10	256QAM	1	0		18.01			
10	256QAM	1	25		18.00		19	0.4
10	256QAM	1	49		17.86			
10	256QAM	25	0		18.00			
10	256QAM	25	12		17.98		19	0.4
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.97			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.96	17.92	17.97		
5	QPSK	1	12	17.93	17.85	17.95	19.4	0
5	QPSK	1	24	17.85	17.81	17.89		
5	QPSK	12	0	17.75	17.83	17.85		
5	QPSK	12	7	17.75	17.79	17.78	19.4	0
5	QPSK	12	13	17.72	17.74	17.76		
5	QPSK	25	0	17.72	17.75	17.74		
5	16QAM	1	0	17.89	17.95	17.93		
5	16QAM	1	12	17.82	17.85	17.78	19.4	0
5	16QAM	1	24	17.85	17.86	17.86		
5	16QAM	12	0	17.92	17.83	17.91		
5	16QAM	12	7	17.88	17.86	17.90	19.4	0
5	16QAM	12	13	17.84	17.89	17.95		
5	16QAM	25	0	17.81	17.81	17.91		
5	64QAM	1	0	17.87	17.86	17.86		
5	64QAM	1	12	17.85	17.82	17.88	19.4	0
5	64QAM	1	24	17.84	17.77	17.83		
5	64QAM	12	0	17.82	17.83	17.83		
5	64QAM	12	7	17.77	17.81	17.84	19.4	0
5	64QAM	12	13	17.73	17.73	17.79		
5	64QAM	25	0	17.82	17.79	17.85		
5	256QAM	1	0	17.89	17.91	17.97		
5	256QAM	1	12	17.86	17.92	17.86	19	0.4
5	256QAM	1	24	17.81	17.70	17.79		
5	256QAM	12	0	17.87	17.85	17.93		
5	256QAM	12	7	17.84	17.88	17.92	19	0.4
5	256QAM	12	13	17.73	17.74	17.72		
5	256QAM	25	0	17.87	17.93	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.33	18.39	18.32		
20	QPSK	1	49	18.25	18.28	18.31	19.4	0
20	QPSK	1	99	18.30	18.26	18.29		
20	QPSK	50	0	18.25	18.35	18.22		
20	QPSK	50	24	18.30	18.30	18.26	19.4	0
20	QPSK	50	50	18.26	18.27	18.19		
20	QPSK	100	0	18.28	18.29	18.27		
20	16QAM	1	0	18.34	18.31	18.30		
20	16QAM	1	49	18.34	18.31	18.31	19.4	0
20	16QAM	1	99	18.29	18.29	18.26		
20	16QAM	50	0	18.34	18.32	18.24		
20	16QAM	50	24	18.24	18.26	18.21	19.4	0
20	16QAM	50	50	18.33	18.26	18.30		
20	16QAM	100	0	18.34	18.36	18.28		
20	64QAM	1	0	18.26	18.27	18.28		
20	64QAM	1	49	18.29	18.26	18.25	19.4	0
20	64QAM	1	99	18.24	18.26	18.27		
20	64QAM	50	0	18.31	18.36	18.21		
20	64QAM	50	24	18.23	18.29	18.26	19.4	0
20	64QAM	50	50	18.34	18.34	18.25		
20	64QAM	100	0	18.31	18.36	18.23		
20	256QAM	1	0	17.76	17.77	17.76		
20	256QAM	1	49	17.79	17.83	17.77	19	0.4
20	256QAM	1	99	17.78	17.85	17.74		
20	256QAM	50	0	17.73	17.86	17.80		
20	256QAM	50	24	17.77	17.84	17.70	19	0.4
20	256QAM	50	50	17.77	17.84	17.72		
20	256QAM	100	0	17.74	17.78	17.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.20	18.28	18.22		
15	QPSK	1	37	18.16	18.12	18.22	19.4	0
15	QPSK	1	74	18.19	18.21	18.23		
15	QPSK	36	0	18.14	18.19	18.15		
15	QPSK	36	20	18.20	18.19	18.15	19.4	0
15	QPSK	36	39	18.14	18.12	18.15		
15	QPSK	75	0	18.22	18.16	18.20		
15	16QAM	1	0	18.18	18.22	18.25		
15	16QAM	1	37	18.24	18.16	18.23	19.4	0
15	16QAM	1	74	18.16	18.19	18.17		
15	16QAM	36	0	18.29	18.27	18.18		
15	16QAM	36	20	18.19	18.12	18.17	19.4	0
15	16QAM	36	39	18.28	18.17	18.23		
15	16QAM	75	0	18.27	18.32	18.13		
15	64QAM	1	0	18.16	18.20	18.18		
15	64QAM	1	37	18.21	18.22	18.14	19.4	0
15	64QAM	1	74	18.11	18.12	18.18		
15	64QAM	36	0	18.16	18.28	18.06		
15	64QAM	36	20	18.13	18.16	18.12	19.4	0
15	64QAM	36	39	18.23	18.28	18.13		
15	64QAM	75	0	18.21	18.25	18.12		
15	256QAM	1	0	17.68	17.69	17.65		
15	256QAM	1	37	17.73	17.74	17.65	19	0.4
15	256QAM	1	74	17.64	17.79	17.61		
15	256QAM	36	0	17.66	17.77	17.69		
15	256QAM	36	20	17.66	17.80	17.58	19	0.4
15	256QAM	36	39	17.65	17.73	17.63		
15	256QAM	75	0	17.67	17.69	17.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.24	18.26	18.19		
10	QPSK	1	25	18.20	18.14	18.20	19.4	0
10	QPSK	1	49	18.21	18.21	18.22		
10	QPSK	25	0	18.17	18.22	18.13		
10	QPSK	25	12	18.16	18.20	18.16	19.4	0
10	QPSK	25	25	18.19	18.17	18.07		
10	QPSK	50	0	18.24	18.18	18.19		
10	16QAM	1	0	18.26	18.24	18.23		
10	16QAM	1	25	18.20	18.18	18.18	19.4	0
10	16QAM	1	49	18.23	18.17	18.20		
10	16QAM	25	0	18.24	18.23	18.18		
10	16QAM	25	12	18.12	18.21	18.16	19.4	0
10	16QAM	25	25	18.28	18.16	18.15		
10	16QAM	50	0	18.25	18.20	18.22		
10	64QAM	1	0	18.12	18.12	18.17		
10	64QAM	1	25	18.13	18.12	18.18	19.4	0
10	64QAM	1	49	18.11	18.14	18.22		
10	64QAM	25	0	18.17	18.28	18.06		
10	64QAM	25	12	18.17	18.18	18.21	19.4	0
10	64QAM	25	25	18.29	18.28	18.14		
10	64QAM	50	0	18.21	18.24	18.11		
10	256QAM	1	0	17.61	17.69	17.62		
10	256QAM	1	25	17.72	17.79	17.65	19	0.4
10	256QAM	1	49	17.70	17.81	17.66		
10	256QAM	25	0	17.61	17.79	17.65		
10	256QAM	25	12	17.68	17.75	17.64	19	0.4
10	256QAM	25	25	17.61	17.71	17.61		
10	256QAM	50	0	17.68	17.69	17.58		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.25	18.28	18.27		
5	QPSK	1	12	18.15	18.22	18.17	19.4	0
5	QPSK	1	24	18.22	18.16	18.24		
5	QPSK	12	0	18.21	18.18	18.06		
5	QPSK	12	7	18.25	18.23	18.17	19.4	0
5	QPSK	12	13	18.21	18.11	18.07		
5	QPSK	25	0	18.18	18.11	18.13		
5	16QAM	1	0	18.24	18.20	18.25		
5	16QAM	1	12	18.23	18.23	18.19	19.4	0
5	16QAM	1	24	18.25	18.16	18.21		
5	16QAM	12	0	18.22	18.20	18.17		
5	16QAM	12	7	18.19	18.18	18.08	19.4	0
5	16QAM	12	13	18.22	18.11	18.18		
5	16QAM	25	0	18.21	18.21	18.18		
5	64QAM	1	0	18.19	18.16	18.17		
5	64QAM	1	12	18.21	18.22	18.15	19.4	0
5	64QAM	1	24	18.20	18.12	18.11		
5	64QAM	12	0	18.26	18.21	18.11		
5	64QAM	12	7	18.13	18.16	18.14	19.4	0
5	64QAM	12	13	18.26	18.27	18.13		
5	64QAM	25	0	18.18	18.30	18.10		
5	256QAM	1	0	17.64	17.69	17.61		
5	256QAM	1	12	17.68	17.73	17.64	19	0.4
5	256QAM	1	24	17.65	17.69	17.59		
5	256QAM	12	0	17.62	17.73	17.73		
5	256QAM	12	7	17.65	17.77	17.60	19	0.4
5	256QAM	12	13	17.72	17.78	17.60		
5	256QAM	25	0	17.69	17.65	17.57		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.22	18.28	18.17		
3	QPSK	1	8	18.16	18.16	18.21	19.4	0
3	QPSK	1	14	18.20	18.17	18.21		
3	QPSK	8	0	18.11	18.18	18.08		
3	QPSK	8	4	18.22	18.16	18.16	19.4	0
3	QPSK	8	7	18.18	18.14	18.10		
3	QPSK	15	0	18.20	18.12	18.18		
3	16QAM	1	0	18.19	18.26	18.19		
3	16QAM	1	8	18.23	18.18	18.15	19.4	0
3	16QAM	1	14	18.13	18.19	18.21		
3	16QAM	8	0	18.20	18.27	18.19		
3	16QAM	8	4	18.19	18.16	18.17	19.4	0
3	16QAM	8	7	18.26	18.16	18.20		
3	16QAM	15	0	18.23	18.28	18.22		
3	64QAM	1	0	18.10	18.15	18.17		
3	64QAM	1	8	18.24	18.16	18.15	19.4	0
3	64QAM	1	14	18.15	18.13	18.21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.09	19.19	18.91	20.6	0
20	QPSK	1	49	19.09	19.10	19.09		
20	QPSK	1	99	19.14	19.01	19.05		
20	QPSK	50	0	19.12	19.17	19.13	20.6	0
20	QPSK	50	24	19.03	19.01	19.00		
20	QPSK	50	50	19.08	19.06	19.06		
20	QPSK	100	0	19.15	19.16	19.08		
20	16QAM	1	0	19.09	19.04	19.01	20.6	0
20	16QAM	1	49	19.01	18.99	19.17		
20	16QAM	1	99	19.08	19.06	19.02		
20	16QAM	50	0	19.04	19.10	19.01	20.6	0
20	16QAM	50	24	19.07	19.06	19.10		
20	16QAM	50	50	19.11	19.08	19.15		
20	16QAM	100	0	18.99	19.07	19.13		
20	64QAM	1	0	19.08	19.00	19.03	20.6	0
20	64QAM	1	49	19.00	19.07	19.10		
20	64QAM	1	99	19.10	19.12	19.11		
20	64QAM	50	0	19.02	19.17	19.03	20.6	0
20	64QAM	50	24	19.16	19.08	19.02		
20	64QAM	50	50	19.09	19.05	19.16		
20	64QAM	100	0	19.03	19.13	19.15		
20	256QAM	1	0	18.60	18.63	18.65	20	0.6
20	256QAM	1	49	18.65	18.50	18.56		
20	256QAM	1	99	18.57	18.54	18.56		
20	256QAM	50	0	18.68	18.55	18.51	20	0.6
20	256QAM	50	24	18.55	18.57	18.59		
20	256QAM	50	50	18.59	18.59	18.52		
20	256QAM	100	0	18.53	18.57	18.67		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.99	19.08	18.81	20.6	0
15	QPSK	1	37	18.99	19.03	19.05		
15	QPSK	1	74	19.10	18.94	18.90		
15	QPSK	36	0	19.02	18.99	19.04	20.6	0
15	QPSK	36	20	18.88	18.85	18.85		
15	QPSK	36	39	18.98	19.01	18.97		
15	QPSK	75	0	19.02	19.05	18.96		
15	16QAM	1	0	18.94	18.92	18.90	20.6	0
15	16QAM	1	37	18.94	18.89	19.11		
15	16QAM	1	74	19.02	18.92	18.98		
15	16QAM	36	0	18.97	19.05	18.91	20.6	0
15	16QAM	36	20	19.02	18.93	18.97		
15	16QAM	36	39	19.06	18.98	19.04		
15	16QAM	75	0	18.94	18.97	19.08		
15	64QAM	1	0	18.97	18.93	18.92	20.6	0
15	64QAM	1	37	18.84	18.97	19.04		
15	64QAM	1	74	18.98	19.04	19.02		
15	64QAM	36	0	18.94	19.11	18.98	20.6	0
15	64QAM	36	20	19.01	19.01	18.91		
15	64QAM	36	39	18.94	18.96	19.12		
15	64QAM	75	0	18.97	18.97	19.10		
15	256QAM	1	0	18.54	18.59	18.59	20	0.6
15	256QAM	1	37	18.54	18.39	18.41		
15	256QAM	1	74	18.49	18.41	18.49		
15	256QAM	36	0	18.52	18.44	18.36	20	0.6
15	256QAM	36	20	18.47	18.50	18.51		
15	256QAM	36	39	18.49	18.52	18.40		
15	256QAM	75	0	18.43	18.43	18.54		
Channel				37500	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.00	19.03	18.76	20.6	0
10	QPSK	1	25	19.02	19.06	18.96		
10	QPSK	1	49	19.07	18.88	18.92		
10	QPSK	25	0	18.97	19.04	19.02	20.6	0
10	QPSK	25	12	18.95	18.87	18.94		
10	QPSK	25	25	19.02	18.95	19.01		
10	QPSK	50	0	19.09	19.04	19.02		
10	16QAM	1	0	18.97	18.99	18.93	20.6	0
10	16QAM	1	25	18.95	18.93	19.12		
10	16QAM	1	49	18.94	18.99	18.96		
10	16QAM	25	0	18.99	19.01	18.91	20.6	0
10	16QAM	25	12	18.97	18.97	18.97		
10	16QAM	25	25	19.04	18.98	19.00		
10	16QAM	50	0	18.93	19.02	19.00		
10	64QAM	1	0	18.98	18.96	18.91	20.6	0
10	64QAM	1	25	18.96	18.94	19.01		
10	64QAM	1	49	19.04	19.06	18.96		
10	64QAM	25	0	18.93	19.08	18.96	20.6	0
10	64QAM	25	12	19.08	19.01	18.92		
10	64QAM	25	25	18.94	18.94	19.11		
10	64QAM	50	0	18.93	19.01	19.10		
10	256QAM	1	0	18.46	18.58	18.57	20	0.6
10	256QAM	1	25	18.58	18.37	18.46		
10	256QAM	1	49	18.50	18.42	18.46		
10	256QAM	25	0	18.63	18.50	18.39	20	0.6
10	256QAM	25	12	18.41	18.53	18.47		
10	256QAM	25	25	18.44	18.49	18.46		
10	256QAM	50	0	18.47	18.53	18.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.97	19.05	18.76	20.6	0
5	QPSK	1	12	19.01	19.04	18.94		
5	QPSK	1	24	19.08	18.93	18.90		
5	QPSK	12	0	19.03	19.09	19.08	20.6	0
5	QPSK	12	7	18.91	18.94	18.92		
5	QPSK	12	13	18.96	18.92	18.93		
5	QPSK	25	0	18.99	19.06	18.98		
5	16QAM	1	0	18.97	18.94	18.88	20.6	0
5	16QAM	1	12	18.87	18.92	19.03		
5	16QAM	1	24	18.94	18.98	18.97		
5	16QAM	12	0	18.92	18.97	18.88	20.6	0
5	16QAM	12	7	18.98	18.93	19.01		
5	16QAM	12	13	18.99	19.00	19.07		
5	16QAM	25	0	18.91	18.97	18.98		
5	64QAM	1	0	18.94	18.85	18.92	20.6	0
5	64QAM	1	12	18.88	18.94	19.03		
5	64QAM	1	24	19.05	19.00	18.98		
5	64QAM	12	0	18.95	19.11	18.96	20.6	0
5	64QAM	12	7	19.01	18.98	18.93		
5	64QAM	12	13	18.96	18.96	19.08		
5	64QAM	25	0	18.91	19.02	19.06		
5	256QAM	1	0	18.46	18.53	18.58	20	0.6
5	256QAM	1	12	18.54	18.34	18.44		
5	256QAM	1	24	18.49	18.43	18.50		
5	256QAM	12	0	18.63	18.49	18.42	20	0.6
5	256QAM	12	7	18.44	18.52	18.50		
5	256QAM	12	13	18.51	18.44	18.43		
5	256QAM	25	0	18.38	18.46	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.38	19.39	19.49	19.25	19.37	20.6	0
20	QPSK	1	49	19.36	19.39	19.43	19.37	19.44		
20	QPSK	1	99	19.39	19.43	19.34	19.37	19.41		
20	QPSK	50	0	19.39	19.42	19.44	19.42	19.36	20.6	0
20	QPSK	50	24	19.42	19.34	19.32	19.33	19.38		
20	QPSK	50	50	19.35	19.38	19.35	19.38	19.34		
20	QPSK	100	0	19.34	19.42	19.43	19.37	19.41		
20	16QAM	1	0	19.35	19.39	19.39	19.34	19.43	20.6	0
20	16QAM	1	49	19.34	19.33	19.34	19.44	19.38		
20	16QAM	1	99	19.42	19.43	19.40	19.35	19.40		
20	16QAM	50	0	19.39	19.40	19.34	19.36	19.44	20.6	0
20	16QAM	50	24	19.34	19.33	19.33	19.35	19.42		
20	16QAM	50	50	19.40	19.42	19.35	19.41	19.32		
20	16QAM	100	0	19.41	19.33	19.34	19.40	19.38		
20	64QAM	1	0	19.37	19.33	19.33	19.39	19.39	20.6	0
20	64QAM	1	49	19.43	19.33	19.37	19.35	19.41		
20	64QAM	1	99	19.38	19.35	19.42	19.42	19.40		
20	64QAM	50	0	19.37	19.37	19.42	19.33	19.40	20.6	0
20	64QAM	50	24	19.40	19.43	19.35	19.37	19.41		
20	64QAM	50	50	19.37	19.40	19.40	19.41	19.36		
20	64QAM	100	0	19.41	19.37	19.39	19.42	19.42		
20	256QAM	1	0	18.89	18.90	18.92	18.92	18.93	20	0.6
20	256QAM	1	49	18.85	18.91	18.84	18.90	18.93		
20	256QAM	1	99	18.89	18.87	18.88	18.91	18.93		
20	256QAM	50	0	18.87	18.93	18.88	18.86	18.84	20	0.6
20	256QAM	50	24	18.84	18.87	18.85	18.86	18.84		
20	256QAM	50	50	18.89	18.84	18.87	18.87	18.85		
20	256QAM	100	0	18.87	18.84	18.82	18.94	18.83		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.29	19.23	19.31	19.10	19.24	21	0
15	QPSK	1	37	19.27	19.27	19.28	19.30	19.36		
15	QPSK	1	74	19.23	19.36	19.25	19.29	19.36		
15	QPSK	36	0	19.33	19.37	19.36	19.36	19.25	20.6	0
15	QPSK	36	20	19.37	19.26	19.17	19.22	19.28		
15	QPSK	36	39	19.23	19.31	19.26	19.30	19.25		
15	QPSK	75	0	19.28	19.27	19.33	19.26	19.31		
15	16QAM	1	0	19.31	19.34	19.27	19.24	19.37	20.6	0
15	16QAM	1	37	19.21	19.27	19.20	19.31	19.33		
15	16QAM	1	74	19.27	19.38	19.31	19.21	19.32		
15	16QAM	36	0	19.31	19.27	19.29	19.23	19.38	20.6	0
15	16QAM	36	20	19.19	19.21	19.18	19.27	19.30		
15	16QAM	36	39	19.28	19.35	19.30	19.31	19.17		
15	16QAM	75	0	19.28	19.29	19.27	19.34	19.23		
15	64QAM	1	0	19.25	19.18	19.23	19.24	19.26	20.6	0
15	64QAM	1	37	19.29	19.25	19.32	19.21	19.32		
15	64QAM	1	74	19.31	19.28	19.34	19.35	19.29		
15	64QAM	36	0	19.24	19.24	19.28	19.24	19.33	20.6	0
15	64QAM	36	20	19.26	19.29	19.25	19.22	19.31		
15	64QAM	36	39	19.25	19.29	19.27	19.32	19.26		
15	64QAM	75	0	19.26	19.28	19.34	19.32	19.29		
15	256QAM	1	0	18.75	18.83	18.79	18.87	18.87	20	0.6
15	256QAM	1	37	18.72	18.78	18.75	18.76	18.81		
15	256QAM	1	74	18.78	18.77	18.80	18.79	18.77		
15	256QAM	36	0	18.76	18.85	18.77	18.79	18.73	20	0.6
15	256QAM	36	20	18.74	18.73	18.71	18.76	18.76		
15	256QAM	36	39	18.79	18.70	18.76	18.74	18.79		
15	256QAM	75	0	18.79	18.72	18.66	18.81	18.76		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.31	19.24	19.26	19.16	19.26	21	0
10	QPSK	1	25	19.28	19.27	19.32	19.28	19.37		
10	QPSK	1	49	19.32	19.28	19.21	19.29	19.27		
10	QPSK	25	0	19.30	19.32	19.34	19.30	19.31	20.6	0
10	QPSK	25	12	19.30	19.27	19.20	19.17	19.32		
10	QPSK	25	25	19.25	19.23	19.22	19.32	19.20		
10	QPSK	50	0	19.29	19.36	19.25	19.24	19.36		
10	16QAM	1	0	19.27	19.33	19.33	19.19	19.32	20.6	0
10	16QAM	1	25	19.26	19.26	19.30	19.38	19.28		
10	16QAM	1	49	19.27	19.31	19.27	19.27	19.24		
10	16QAM	25	0	19.34	19.35	19.30	19.26	19.35	20.6	0
10	16QAM	25	12	19.28	19.19	19.26	19.29	19.36		
10	16QAM	25	25	19.29	19.34	19.24	19.33	19.21		
10	16QAM	50	0	19.26	19.29	19.27	19.31	19.24		
10	64QAM	1	0	19.28	19.21	19.20	19.24	19.26	20.6	0
10	64QAM	1	25	19.29	19.21	19.32	19.31	19.34		
10	64QAM	1	49	19.23	19.22	19.35	19.30	19.33		
10	64QAM	25	0	19.28	19.27	19.33	19.29	19.32	20.6	0
10	64QAM	25	12	19.35	19.32	19.26	19.26	19.31		
10	64QAM	25	25	19.24	19.30	19.36	19.35	19.26		
10	64QAM	50	0	19.37	19.32	19.27	19.29	19.38		
10	256QAM	1	0	18.74	18.78	18.85	18.86	18.78	20	0.6
10	256QAM	1	25	18.69	18.81	18.77	18.82	18.79		
10	256QAM	1	49	18.82	18.79	18.74	18.82	18.81		
10	256QAM	25	0	18.77	18.81	18.74	18.74	18.71	20	0.6
10	256QAM	25	12	18.69	18.75	18.69	18.77	18.76		
10	256QAM	25	25	18.82	18.70	18.83	18.74	18.71		
10	256QAM	50	0	18.82	18.73	18.76	18.80	18.74		
Channel				39675	40142	40620	41093	41560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.31	19.24	19.25	19.19	19.21	21	0
5	QPSK	1	12	19.27	19.25	19.29	19.23	19.36		
5	QPSK	1	24	19.27	19.35	19.24	19.32	19.26		
5	QPSK	12	0	19.25	19.26	19.29	19.36	19.29	20.6	0
5	QPSK	12	7	19.29	19.20	19.24	19.20	19.25		
5	QPSK	12	13	19.24	19.23	19.26	19.24	19.23		
5	QPSK	25	0	19.19	19.32	19.32	19.33	19.34		
5	16QAM	1	0	19.25	19.28	19.23	19.24	19.39	20.6	0
5	16QAM	1	12	19.30	19.18	19.27	19.35	19.26		
5	16QAM	1	24	19.38	19.27	19.31	19.29	19.24		
5	16QAM	12	0	19.25	19.31	19.26	19.30	19.33	20.6	0
5	16QAM	12	7	19.19	19.20	19.28	19.23	19.35		
5	16QAM	12	13	19.35	19.29	19.25	19.33	19.21		
5	16QAM	25	0	19.27	19.23	19.29	19.23	19.26		
5	64QAM	1	0	19.32	19.19	19.18	19.28	19.31	20.6	0
5	64QAM	1	12	19.27	19.28	19.29	19.24	19.28		
5	64QAM	1	24	19.26	19.27	19.37	19.28	19.34		
5	64QAM	12	0	19.32	19.27	19.33	19.20	19.35	20.6	0
5	64QAM	12	7	19.27	19.35	19.29	19.27	19.27		
5	64QAM	12	13	19.32	19.36	19.28	19.28	19.27		
5	64QAM	25	0	19.30	19.23	19.25	19.26	19.37		
5	256QAM	1	0	18.78	18.77	18.86	18.88	18.78	20	0.6
5	256QAM	1	12	18.72	18.87	18.73	18.75	18.83		
5	256QAM	1	24	18.78	18.74	18.76	18.84	18.82		
5	256QAM	12	0	18.73	18.87	18.73	18.80	18.71	20	0.6
5	256QAM	12	7	18.78	18.72	18.69	18.75	18.71		
5	256QAM	12	13	18.74	18.73	18.76	18.73	18.76		
5	256QAM	25	0	18.76	18.68	18.67	18.79	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.03	21.05	21.10	20.93	20.99	22.2	0
20	QPSK	1	49	21.04	20.94	20.98	20.95	21.00		
20	QPSK	1	99	21.02	21.05	20.96	21.02	21.06		
20	QPSK	50	0	20.97	20.95	21.06	20.95	20.98	22.2	0
20	QPSK	50	24	21.02	20.99	20.98	20.96	20.97		
20	QPSK	50	50	21.00	21.02	21.05	21.03	21.04		
20	QPSK	100	0	20.99	20.95	21.02	21.01	20.98		
20	16QAM	1	0	21.03	21.03	20.98	21.00	21.02	22.2	0
20	16QAM	1	49	20.97	20.95	21.01	21.03	21.03		
20	16QAM	1	99	20.96	20.99	21.06	20.98	21.04		
20	16QAM	50	0	21.00	20.97	20.94	20.98	20.99	22.2	0
20	16QAM	50	24	20.99	20.95	21.00	20.95	21.02		
20	16QAM	50	50	21.04	21.04	20.98	21.05	20.97		
20	16QAM	100	0	20.99	21.00	20.98	21.03	20.95		
20	64QAM	1	0	20.96	20.94	20.94	20.99	20.96	22.2	0
20	64QAM	1	49	21.00	21.02	21.04	21.03	20.96		
20	64QAM	1	99	20.98	20.97	21.00	20.99	21.03		
20	64QAM	50	0	20.97	20.98	21.04	20.98	21.01	22.2	0
20	64QAM	50	24	20.95	21.00	20.96	21.04	21.04		
20	64QAM	50	50	21.01	21.02	21.01	21.05	20.98		
20	64QAM	100	0	20.95	20.96	20.97	21.00	20.97		
20	256QAM	1	0	20.75	20.79	20.76	20.82	20.83	22	0.2
20	256QAM	1	49	20.76	20.76	20.82	20.79	20.83		
20	256QAM	1	99	20.86	20.75	20.85	20.78	20.76		
20	256QAM	50	0	20.77	20.85	20.84	20.77	20.81	22	0.2
20	256QAM	50	24	20.75	20.80	20.81	20.76	20.79		
20	256QAM	50	50	20.79	20.84	20.74	20.81	20.84		
20	256QAM	100	0	20.76	20.77	20.77	20.78	20.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.94	20.89	20.96	20.83	20.86	22	0
15	QPSK	1	37	20.88	20.80	20.90	20.89	20.88		
15	QPSK	1	74	20.94	20.90	20.86	20.98	21.01		
15	QPSK	36	0	20.93	20.79	20.86	20.87	20.94	22.2	0
15	QPSK	36	20	20.97	20.95	20.92	20.88	20.92		
15	QPSK	36	39	20.94	20.87	20.95	20.97	20.98		
15	QPSK	75	0	20.92	20.80	20.83	20.89	20.88		
15	16QAM	1	0	20.94	20.90	20.90	20.84	20.94	22.2	0
15	16QAM	1	37	20.88	20.88	20.96	20.92	20.92		
15	16QAM	1	74	20.83	20.92	20.96	20.91	20.93		
15	16QAM	36	0	20.87	20.81	20.84	20.85	20.90	22.2	0
15	16QAM	36	20	20.89	20.91	20.85	20.88	20.86		
15	16QAM	36	39	20.98	20.92	20.88	20.90	20.83		
15	16QAM	75	0	20.89	20.90	20.92	20.91	20.88		
15	64QAM	1	0	20.86	20.89	20.83	20.92	20.83	22.2	0
15	64QAM	1	37	20.90	20.93	20.90	20.92	20.85		
15	64QAM	1	74	20.92	20.88	20.93	20.93	20.88		
15	64QAM	36	0	20.84	20.82	20.95	20.92	20.96	22.2	0
15	64QAM	36	20	20.90	20.85	20.91	20.96	20.97		
15	64QAM	36	39	20.85	20.98	20.91	20.89	20.84		
15	64QAM	75	0	20.79	20.87	20.86	20.91	20.91		
15	256QAM	1	0	20.67	20.70	20.60	20.68	20.68	22	0.2
15	256QAM	1	37	20.68	20.63	20.69	20.66	20.77		
15	256QAM	1	74	20.73	20.70	20.74	20.63	20.69		
15	256QAM	36	0	20.72	20.74	20.78	20.61	20.66	22	0.2
15	256QAM	36	20	20.64	20.64	20.65	20.72	20.73		
15	256QAM	36	39	20.66	20.76	20.68	20.74	20.74		
15	256QAM	75	0	20.61	20.69	20.69	20.64	20.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.89	20.93	20.88	20.79	20.88	22	0
10	QPSK	1	25	20.96	20.89	20.91	20.85	20.91		
10	QPSK	1	49	20.98	20.98	20.83	20.86	20.93		
10	QPSK	25	0	20.86	20.81	20.90	20.83	20.90	22.2	0
10	QPSK	25	12	20.86	20.89	20.93	20.88	20.87		
10	QPSK	25	25	20.92	20.87	20.91	20.92	20.89		
10	QPSK	50	0	20.95	20.89	20.80	20.92	20.93		
10	16QAM	1	0	20.92	20.98	20.93	20.91	20.93	22.2	0
10	16QAM	1	25	20.82	20.89	20.90	20.87	20.97		
10	16QAM	1	49	20.92	20.86	20.95	20.94	20.89		
10	16QAM	25	0	20.87	20.89	20.82	20.84	20.85	22.2	0
10	16QAM	25	12	20.93	20.87	20.88	20.81	20.91		
10	16QAM	25	25	20.96	20.94	20.93	21.01	20.86		
10	16QAM	50	0	20.86	20.92	20.89	20.97

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.67	21.80	21.69	23.1	0
20	QPSK	1	49	21.73	21.71	21.72		
20	QPSK	1	99	21.71	21.74	21.74		
20	QPSK	50	0	21.62	21.72	21.60	23	0.1
20	QPSK	50	24	21.62	21.56	21.63		
20	QPSK	50	50	21.59	21.55	21.61		
20	QPSK	100	0	21.56	21.61	21.58		
20	16QAM	1	0	21.53	21.55	21.66	23	0.1
20	16QAM	1	49	21.47	21.64	21.60		
20	16QAM	1	99	21.75	21.53	21.62		
20	16QAM	50	0	20.63	20.61	20.63	22	1.1
20	16QAM	50	24	20.62	20.63	20.58		
20	16QAM	50	50	20.71	20.64	20.60		
20	16QAM	100	0	20.66	20.79	20.70		
20	64QAM	1	0	20.68	20.63	20.61	22	1.1
20	64QAM	1	49	20.51	20.61	20.52		
20	64QAM	1	99	20.68	20.62	20.60		
20	64QAM	50	0	19.55	19.58	19.56	21	2.1
20	64QAM	50	24	19.59	19.65	19.56		
20	64QAM	50	50	19.69	19.57	19.55		
20	64QAM	100	0	19.64	19.67	19.58		
20	256QAM	1	0	17.53	17.57	17.64	19	4.1
20	256QAM	1	49	17.62	17.63	17.56		
20	256QAM	1	99	17.56	17.58	17.56		
20	256QAM	50	0	17.70	17.66	17.58	19	4.1
20	256QAM	50	24	17.59	17.62	17.62		
20	256QAM	50	50	17.65	17.61	17.63		
20	256QAM	100	0	17.70	17.55	17.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.60	21.66	21.60	23.1	0
15	QPSK	1	37	21.65	21.57	21.68		
15	QPSK	1	74	21.66	21.60	21.63		
15	QPSK	36	0	21.57	21.59	21.47	23	0.1
15	QPSK	36	20	21.55	21.45	21.58		
15	QPSK	36	39	21.54	21.41	21.51		
15	QPSK	75	0	21.49	21.49	21.47		
15	16QAM	1	0	21.39	21.43	21.57	23	0.1
15	16QAM	1	37	21.35	21.60	21.46		
15	16QAM	1	74	21.67	21.48	21.58		
15	16QAM	36	0	20.51	20.50	20.51	22	1.1
15	16QAM	36	20	20.47	20.58	20.45		
15	16QAM	36	39	20.66	20.53	20.54		
15	16QAM	75	0	20.54	20.69	20.65		
15	64QAM	1	0	20.63	20.53	20.51	22	1.1
15	64QAM	1	37	20.37	20.48	20.46		
15	64QAM	1	74	20.60	20.47	20.56		
15	64QAM	36	0	19.43	19.53	19.44	21	2.1
15	64QAM	36	20	19.50	19.57	19.52		
15	64QAM	36	39	19.57	19.44	19.51		
15	64QAM	75	0	19.59	19.62	19.45		
15	256QAM	1	0	17.43	17.50	17.56	19	4.1
15	256QAM	1	37	17.51	17.55	17.43		
15	256QAM	1	74	17.46	17.48	17.42		
15	256QAM	36	0	17.57	17.52	17.50	19	4.1
15	256QAM	36	20	17.51	17.57	17.47		
15	256QAM	36	39	17.52	17.49	17.50		
15	256QAM	75	0	17.54	17.46	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.59	21.67	21.60	23.1	0
10	QPSK	1	25	21.58	21.63	21.63		
10	QPSK	1	49	21.58	21.61	21.66		
10	QPSK	25	0	21.46	21.58	21.50	23	0.1
10	QPSK	25	12	21.55	21.47	21.52		
10	QPSK	25	25	21.53	21.39	21.45		
10	QPSK	50	0	21.49	21.50	21.45		
10	16QAM	1	0	21.42	21.47	21.56	23	0.1
10	16QAM	1	25	21.32	21.56	21.52		
10	16QAM	1	49	21.62	21.44	21.47		
10	16QAM	25	0	20.54	20.52	20.53	22	1.1
10	16QAM	25	12	20.54	20.53	20.46		
10	16QAM	25	25	20.60	20.49	20.48		
10	16QAM	50	0	20.52	20.63	20.66		
10	64QAM	1	0	20.61	20.52	20.45	22	1.1
10	64QAM	1	25	20.35	20.56	20.40		
10	64QAM	1	49	20.57	20.49	20.55		
10	64QAM	25	0	19.43	19.43	19.41	21	2.1
10	64QAM	25	12	19.47	19.60	19.42		
10	64QAM	25	25	19.54	19.43	19.45		
10	64QAM	50	0	19.60	19.59	19.53		
10	256QAM	1	0	17.38	17.50	17.49	19	4.1
10	256QAM	1	25	17.55	17.55	17.52		
10	256QAM	1	49	17.49	17.45	17.49		
10	256QAM	25	0	17.63	17.60	17.48	19	4.1
10	256QAM	25	12	17.53	17.49	17.57		
10	256QAM	25	25	17.50	17.46	17.51		
10	256QAM	50	0	17.63	17.44	17.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.61	21.72	21.57	23.1	0
5	QPSK	1	12	21.68	21.63	21.67		
5	QPSK	1	24	21.59	21.67	21.64		
5	QPSK	12	0	21.47	21.61	21.55	23	0.1
5	QPSK	12	7	21.56	21.47	21.48		
5	QPSK	12	13	21.46	21.47	21.51		
5	QPSK	25	0	21.43	21.49	21.47		
5	16QAM	1	0	21.47	21.43	21.59	23	0.1
5	16QAM	1	12	21.36	21.54	21.44		
5	16QAM	1	24	21.70	21.45	21.56		
5	16QAM	12	0	20.50	20.47	20.55	22	1.1
5	16QAM	12	7	20.55	20.59	20.53		
5	16QAM	12	13	20.57	20.51	20.54		
5	16QAM	25	0	20.51	20.66	20.65		
5	64QAM	1	0	20.61	20.52	20.56	22	1.1
5	64QAM	1	12	20.42	20.54	20.38		
5	64QAM	1	24	20.59	20.54	20.47		
5	64QAM	12	0	19.45	19.52	19.45	21	2.1
5	64QAM	12	7	19.47	19.55	19.51		
5	64QAM	12	13	19.64	19.50	19.44		
5	64QAM	25	0	19.49	19.56	19.51		
5	256QAM	1	0	17.44	17.53	17.50	19	4.1
5	256QAM	1	12	17.48	17.58	17.46		
5	256QAM	1	24	17.49	17.52	17.49		
5	256QAM	12	0	17.60	17.60	17.43	19	4.1
5	256QAM	12	7	17.50	17.50	17.48		
5	256QAM	12	13	17.54	17.48	17.54		
5	256QAM	25	0	17.62	17.50	17.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.54	21.76	21.62	23.1	0
3	QPSK	1	8	21.68	21.63	21.66		
3	QPSK	1	14	21.63	21.63	21.61		
3	QPSK	8	0	21.53	21.59	21.40	23	0.1
3	QPSK	8	4	21.56	21.43	21.59		
3	QPSK	8	7	21.45	21.43	21.46		
3	QPSK	15	0	21.42	21.56	21.48		
3	16QAM	1	0	21.48	21.41	21.56	23	0.1
3	16QAM	1	8	21.40	21.54	21.55		
3	16QAM	1	14	21.63	21.42	21.56		
3	16QAM	8	0	20.56	20.47	20.55	22	1.1
3	16QAM	8	4	20.52	20.53	20.48		
3	16QAM	8	7	20.63	20.52	20.46		
3	16QAM	15	0	20.60	20.67	20.63		
3	64QAM	1	0	20.61	20.55	20.54	22	1.1
3	64QAM	1	8	20.42	20.47	20.36		
3	64QAM	1	14	20.57	20.48	20.53		
3	64QAM	8	0	19.42	19.50	19.49	21	2.1
3	64QAM	8	4	19.53	19.50	19.41		
3	64QAM	8	7	19.58	19.50	19.42		
3	64QAM	15	0	19.52	19.51	19.45		
3	256QAM	1	0	17.38	17.42	17.48	19	4.1
3	256QAM	1	8	17.47	17.54	17.50		
3	256QAM	1	14	17.49	17.53	17.48		
3	256QAM	8	0	17.62	17.52	17.43	19	4.1
3	256QAM	8	4	17.51	17.49	17.55		
3	256QAM	8	7	17.61	17.55	17.50		
3	256QAM	15	0	17.66	17.46	17.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.56	21.61	21.64	23.1	0
1.4	QPSK	1	3	21.52	21.60	21.64		
1.4	QPSK	1	5	21.70	21.64	21.64		
1.4	QPSK	3	0	21.54	21.47	21.45		
1.4	QPSK	3	1	21.51	21.49	21.51		
1.4	QPSK	3	3	21.47	21.43	21.55		
1.4	QPSK	6	0	21.46	21.55	21.53	23	0.1
1.4	16QAM	1	0	21.40	21.48	21.48	23	0.1
1.4	16QAM	1	3	21.44	21.54	21.57		
1.4	16QAM	1	5	21.68	21.49	21.46		
1.4	16QAM	3	0	21.60	21.66	21.61		
1.4	16QAM	3	1	21.50	21.62	21.53		
1.4	16QAM	3	3	21.64	21.62	21.65		
1.4	16QAM	6	0	20.68	20.67	20.66	22	1.1
1.4	64QAM	1	0	20.63	20.63	20.67	22	1.1
1.4	64QAM	1	3	20.38	20.60	20.59		
1.4	64QAM	1	5	20.54	20.53	20.52		
1.4	64QAM	3	0	20.52	20.56	20.47		
1.4	64QAM	3	1	20.60	20.47	20.50		
1.4	64QAM	3	3	20.56	20.54	20.44		
1.4	64QAM	6	0	19.69	19.62	19.51	21	2.1
1.4	256QAM	1	0	17.65	17.68	17.57	19	4.1
1.4	256QAM	1	3	17.59	17.66	17.62		
1.4	256QAM	1	5	17.56	17.58	17.64		
1.4	256QAM	3	0	17.52	17.59	17.56		
1.4	256QAM	3	1	17.49	17.51	17.41		
1.4	256QAM	3	3	17.49	17.40	17.55		
1.4	256QAM	6	0	17.58	17.51	17.47	19	4.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.29	21.35	21.22	22.5	0
20	QPSK	1	49	21.24	21.20	21.19		
20	QPSK	1	99	21.26	21.26	21.25		
20	QPSK	50	0	21.20	21.32	21.23	22.5	0
20	QPSK	50	24	21.16	21.22	21.20		
20	QPSK	50	50	21.20	21.28	21.18		
20	QPSK	100	0	21.20	21.27	21.23		
20	16QAM	1	0	21.16	21.32	21.16	22.5	0
20	16QAM	1	49	21.31	21.21	21.25		
20	16QAM	1	99	21.15	21.27	21.20		
20	16QAM	50	0	20.73	20.76	20.76	22	0.5
20	16QAM	50	24	20.66	20.73	20.76		
20	16QAM	50	50	20.74	20.74	20.64		
20	16QAM	100	0	20.72	20.76	20.73		
20	64QAM	1	0	20.67	20.77	20.72	22	0.5
20	64QAM	1	49	20.71	20.77	20.71		
20	64QAM	1	99	20.66	20.86	20.68		
20	64QAM	50	0	19.20	19.24	19.19	21	1.5
20	64QAM	50	24	19.22	19.29	19.21		
20	64QAM	50	50	19.31	19.27	19.14		
20	64QAM	100	0	19.21	19.26	19.27		
20	256QAM	1	0	17.75	17.80	17.73	19	3.5
20	256QAM	1	49	17.78	17.81	17.71		
20	256QAM	1	99	17.71	17.87	17.61		
20	256QAM	50	0	17.85	17.92	17.70	19	3.5
20	256QAM	50	24	17.79	17.83	17.59		
20	256QAM	50	50	17.66	17.81	17.79		
20	256QAM	100	0	17.75	17.90	17.79		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.20	21.16	21.09	22.5	0
15	QPSK	1	37	21.09	21.13	21.14		
15	QPSK	1	74	21.13	21.08	21.21		
15	QPSK	36	0	21.14	21.19	21.10	22.5	0
15	QPSK	36	20	21.01	21.15	21.12		
15	QPSK	36	39	21.14	21.19	21.06		
15	QPSK	75	0	21.06	21.12	21.12		
15	16QAM	1	0	21.07	21.27	21.04	22.5	0
15	16QAM	1	37	21.16	21.12	21.17		
15	16QAM	1	74	21.07	21.20	21.14		
15	16QAM	36	0	20.62	20.63	20.70	22	0.5
15	16QAM	36	20	20.61	20.60	20.62		
15	16QAM	36	39	20.61	20.66	20.50		
15	16QAM	75	0	20.61	20.70	20.65		
15	64QAM	1	0	20.62	20.68	20.67	22	0.5
15	64QAM	1	37	20.66	20.70	20.60		
15	64QAM	1	74	20.56	20.71	20.58		
15	64QAM	36	0	19.07	19.09	19.04	21	1.5
15	64QAM	36	20	19.10	19.21	19.08		
15	64QAM	36	39	19.18	19.14	19.07		
15	64QAM	75	0	19.09	19.16	19.16		
15	256QAM	1	0	17.62	17.65	17.59	19	3.5
15	256QAM	1	37	17.68	17.66	17.61		
15	256QAM	1	74	17.60	17.80	17.55		
15	256QAM	36	0	17.74	17.77	17.64	19	3.5
15	256QAM	36	20	17.71	17.74	17.44		
15	256QAM	36	39	17.58	17.70	17.64		
15	256QAM	75	0	17.62	17.75	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.24	21.18	21.11	22.5	0
10	QPSK	1	25	21.16	21.11	21.07		
10	QPSK	1	49	21.10	21.08	21.12		
10	QPSK	25	0	21.12	21.22	21.09	22.5	0
10	QPSK	25	12	21.04	21.18	21.15		
10	QPSK	25	25	21.05	21.20	21.08		
10	QPSK	50	0	21.15	21.22	21.12		
10	16QAM	1	0	21.11	21.26	21.05	22.5	0
10	16QAM	1	25	21.19	21.10	21.18		
10	16QAM	1	49	21.08	21.22	21.09		
10	16QAM	25	0	20.61	20.68	20.69	22	0.5
10	16QAM	25	12	20.59	20.68	20.67		
10	16QAM	25	25	20.66	20.67	20.58		
10	16QAM	50	0	20.63	20.63	20.66		
10	64QAM	1	0	20.60	20.72	20.65	22	0.5
10	64QAM	1	25	20.61	20.68	20.65		
10	64QAM	1	49	20.57	20.80	20.63		
10	64QAM	25	0	19.15	19.19	19.04	21	1.5
10	64QAM	25	12	19.08	19.18	19.13		
10	64QAM	25	25	19.16	19.21	19.07		
10	64QAM	50	0	19.16	19.14	19.13		
10	256QAM	1	0	17.69	17.76	17.66	19	3.5
10	256QAM	1	25	17.65	17.65	17.67		
10	256QAM	1	49	17.63	17.80	17.53		
10	256QAM	25	0	17.75	17.78	17.57	19	3.5
10	256QAM	25	12	17.64	17.75	17.53		
10	256QAM	25	25	17.61	17.72	17.73		
10	256QAM	50	0	17.70	17.78	17.70		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.19	21.13	21.17	22.5	0
5	QPSK	1	12	21.18	21.10	21.08		
5	QPSK	1	24	21.16	21.14	21.20		
5	QPSK	12	0	21.10	21.25	21.11	22.5	0
5	QPSK	12	7	21.06	21.14	21.09		
5	QPSK	12	13	21.06	21.16	21.10		
5	QPSK	25	0	21.10	21.20	21.16		
5	16QAM	1	0	21.12	21.19	21.12	22.5	0
5	16QAM	1	12	21.20	21.09	21.13		
5	16QAM	1	24	21.10	21.19	21.12		
5	16QAM	12	0	20.62	20.66	20.65	22	0.5
5	16QAM	12	7	20.54	20.69	20.60		
5	16QAM	12	13	20.66	20.69	20.57		
5	16QAM	25	0	20.68	20.67	20.69		
5	64QAM	1	0	20.61	20.68	20.67	22	0.5
5	64QAM	1	12	20.61	20.65	20.56		
5	64QAM	1	24	20.58	20.80	20.63		
5	64QAM	12	0	19.07	19.13	19.10	21	1.5
5	64QAM	12	7	19.10	19.25	19.16		
5	64QAM	12	13	19.24	19.18	19.10		
5	64QAM	25	0	19.12	19.14	19.15		
5	256QAM	1	0	17.67	17.68	17.62	19	3.5
5	256QAM	1	12	17.73	17.74	17.57		
5	256QAM	1	24	17.61	17.79	17.45		
5	256QAM	12	0	17.73	17.79	17.61	19	3.5
5	256QAM	12	7	17.67	17.72	17.44		
5	256QAM	12	13	17.57	17.72	17.75		
5	256QAM	25	0	17.62	17.85	17.73		
Channel				19950	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.17	21.13	21.16	22.5	0
3	QPSK	1	8	21.19	21.14	21.13		
3	QPSK	1	14	21.15	21.15	21.16		
3	QPSK	8	0	21.15	21.27	21.13	22.5	0
3	QPSK	8	4	21.05	21.17	21.13		
3	QPSK	8	7	21.11	21.19	21.07		
3	QPSK	15	0	21.05	21.11	21.18		
3	16QAM	1	0	21.04	21.19	21.01	22.5	0
3	16QAM	1	8	21.23	21.09	21.17		
3	16QAM	1	14	21.04	21.22	21.09		
3	16QAM	8	0	20.69	20.65	20.64	22	0.5
3	16QAM	8	4	20.61	20.67	20.61		
3	16QAM	8	7	20.67	20.62	20.53		
3	16QAM	15	0	20.64	20.69	20.68		
3	64QAM	1	0	20.59	20.67	20.62	22	0.5
3	64QAM	1	8	20.62	20.67	20.57		
3	64QAM	1	14	20.61	20.82	20.52		
3	64QAM	8	0	19.13	19.19	19.03	21	1.5
3	64QAM	8	4	19.15	19.20	19.15		
3	64QAM	8	7	19.26	19.12	19.08		
3	64QAM	15	0	19.14	19.13	19.14		
3	256QAM	1	0	17.63	17.76	17.67	19	3.5
3	256QAM	1	8	17.65	17.68	17.60		
3	256QAM	1	14	17.63	17.72	17.56		
3	256QAM	8	0	17.72	17.78	17.58	19	3.5
3	256QAM	8	4	17.75	17.68	17.55		
3	256QAM	8	7	17.51	17.73	17.72		
3	256QAM	15	0	17.65	17.80	17.75		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.02	21.10	21.03	22.5	0
1.4	QPSK	1	3	21.11	21.01	20.87		
1.4	QPSK	1	5	20.94	21.01	21.09		
1.4	QPSK	3	0	21.06	21.05	21.01		
1.4	QPSK	3	1	20.98	21.02	20.93		
1.4	QPSK	3	3	20.96	21.03	20.97		
1.4	QPSK	6	0	21.07	21.18	21.03	22.5	0
1.4	16QAM	1	0	21.06	21.01	20.89	22.5	0
1.4	16QAM	1	3	21.05	21.16	21.03		
1.4	16QAM	1	5	21.01	21.08	21.05		
1.4	16QAM	3	0	20.95	20.97	20.79		
1.4	16QAM	3	1	20.91	20.93	20.87		
1.4	16QAM	3	3	20.87	21.01	20.90		
1.4	16QAM	6	0	20.56	20.63	20.42	22	0.5
1.4	64QAM	1	0	20.48	20.50	20.49	22	0.5
1.4	64QAM	1	3	20.55	20.53	20.52		
1.4	64QAM	1	5	20.48	20.62	20.46		
1.4	64QAM	3	0	20.53	20.61	20.49		
1.4	64QAM	3	1	20.56	20.67	20.43		
1.4	64QAM	3	3	20.44	20.58	20.45		
1.4	64QAM	6	0	19.45	19.51	19.44	21	1.5
1.4	256QAM	1	0	17.45	17.56	17.40	19	3.5
1.4	256QAM	1	3	17.51	17.54	17.43		
1.4	256QAM	1	5	17.56	17.58	17.46		
1.4	256QAM	3	0	17.49	17.52	17.51		
1.4	256QAM	3	1	17.49	17.65	17.50		
1.4	256QAM	3	3	17.54	17.54	17.52		
1.4	256QAM	6	0	17.50	17.53	17.43	19	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.86	20.13	19.95	21	0
20	QPSK	1	49	20.01	19.96	19.93		
20	QPSK	1	99	19.93	20.06	20.01		
20	QPSK	50	0	19.98	20.07	20.04	21	0
20	QPSK	50	24	20.03	19.98	20.04		
20	QPSK	50	50	19.98	20.03	19.97		
20	QPSK	100	0	19.92	20.00	19.96		
20	16QAM	1	0	19.98	19.99	20.01	21	0
20	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.92	21.95	21.88	23.1	0
20	QPSK	1	49	21.89	21.92	21.89		
20	QPSK	50	0	21.94	21.91	21.93		
20	QPSK	50	24	21.85	21.86	21.81	23	0.1
20	QPSK	50	50	21.81	21.77	21.85		
20	QPSK	100	0	21.80	21.86	21.73		
20	16QAM	1	0	21.74	21.78	21.81		
20	16QAM	1	49	21.73	21.82	21.79	23	0.1
20	16QAM	1	99	21.89	21.78	21.83		
20	16QAM	50	0	20.83	20.78	20.80		
20	16QAM	50	24	20.85	20.83	20.77	22	1.1
20	16QAM	50	50	20.87	20.81	20.81		
20	16QAM	100	0	20.89	20.95	20.84		
20	64QAM	1	0	20.83	20.79	20.84		
20	64QAM	1	49	20.75	20.85	20.72	22	1.1
20	64QAM	1	99	20.88	20.82	20.75		
20	64QAM	50	0	19.80	19.75	19.78		
20	64QAM	50	24	19.77	19.87	19.76	21	2.1
20	64QAM	50	50	19.87	19.75	19.80		
20	64QAM	100	0	19.83	19.85	19.73		
20	256QAM	1	0	17.77	17.76	17.81		
20	256QAM	1	49	17.84	17.86	17.77	19	4.1
20	256QAM	1	99	17.79	17.83	17.80		
20	256QAM	50	0	17.89	17.87	17.74		
20	256QAM	50	24	17.78	17.80	17.79	19	4.1
20	256QAM	50	50	17.79	17.78	17.77		
20	256QAM	100	0	17.91	17.77	17.85		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.88	21.88	21.76	23.1	0
15	QPSK	1	37	21.74	21.83	21.82		
15	QPSK	1	74	21.82	21.77	21.86		
15	QPSK	36	0	21.77	21.67	21.72		
15	QPSK	36	20	21.74	21.67	21.85	23	0.1
15	QPSK	36	39	21.74	21.63	21.74		
15	QPSK	75	0	21.64	21.79	21.61		
15	16QAM	1	0	21.60	21.65	21.78		
15	16QAM	1	37	21.60	21.73	21.72	23	0.1
15	16QAM	1	74	21.75	21.70	21.73		
15	16QAM	36	0	20.72	20.74	20.75		
15	16QAM	36	20	20.74	20.71	20.66	22	1.1
15	16QAM	36	39	20.82	20.76	20.73		
15	16QAM	75	0	20.62	20.90	20.79		
15	64QAM	1	0	20.75	20.73	20.70		
15	64QAM	1	37	20.64	20.72	20.63	22	1.1
15	64QAM	1	74	20.74	20.67	20.62		
15	64QAM	36	0	19.67	19.62	19.66		
15	64QAM	36	20	19.68	19.82	19.70	21	2.1
15	64QAM	36	39	19.80	19.60	19.65		
15	64QAM	75	0	19.68	19.79	19.67		
15	256QAM	1	0	17.62	17.64	17.68		
15	256QAM	1	37	17.77	17.76	17.72	19	4.1
15	256QAM	1	74	17.69	17.71	17.73		
15	256QAM	36	0	17.78	17.77	17.63		
15	256QAM	36	20	17.68	17.72	17.73	19	4.1
15	256QAM	36	39	17.68	17.72	17.67		
15	256QAM	75	0	17.83	17.83	17.80		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.79	21.81	21.77	23.1	0
10	QPSK	1	25	21.80	21.83	21.75		
10	QPSK	1	49	21.80	21.87	21.82		
10	QPSK	25	0	21.77	21.64	21.69		
10	QPSK	25	12	21.77	21.65	21.71	23	0.1
10	QPSK	25	25	21.67	21.70	21.79		
10	QPSK	50	0	21.71	21.78	21.60		
10	16QAM	1	0	21.68	21.74	21.72		
10	16QAM	1	25	21.69	21.68	21.67	23	0.1
10	16QAM	1	49	21.83	21.68	21.72		
10	16QAM	25	0	20.68	20.73	20.76		
10	16QAM	25	12	20.74	20.68	20.67	22	1.1
10	16QAM	25	25	20.79	20.72	20.75		
10	16QAM	50	0	20.79	20.91	20.70		
10	64QAM	1	0	20.74	20.67	20.70		
10	64QAM	1	25	20.67	20.74	20.61	22	1.1
10	64QAM	1	49	20.72	20.66	20.70		
10	64QAM	25	0	19.74	19.65	19.72		
10	64QAM	25	12	19.73	19.75	19.70	21	2.1
10	64QAM	25	25	19.73	19.62	19.69		
10	64QAM	50	0	19.76	19.73	19.65		
10	256QAM	1	0	17.70	17.65	17.68		
10	256QAM	1	25	17.72	17.74	17.68	19	4.1
10	256QAM	1	49	17.64	17.78	17.68		
10	256QAM	25	0	17.80	17.82	17.63		
10	256QAM	25	12	17.70	17.67	17.69	19	4.1
10	256QAM	25	25	17.70	17.65	17.63		
10	256QAM	50	0	17.78	17.71	17.76		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.87	21.82	21.84	23.1	0
5	QPSK	1	12	21.79	21.77	21.74		
5	QPSK	1	24	21.85	21.77	21.86		
5	QPSK	12	0	21.70	21.69	21.71		
5	QPSK	12	7	21.72	21.66	21.69	23	0.1
5	QPSK	12	13	21.75	21.68	21.74		
5	QPSK	25	0	21.64	21.80	21.61		
5	16QAM	1	0	21.61	21.66	21.72		
5	16QAM	1	12	21.60	21.78	21.64	23	0.1
5	16QAM	1	24	21.82	21.68	21.75		
5	16QAM	12	0	20.79	20.63	20.69		
5	16QAM	12	7	20.70	20.78	20.72	22	1.1
5	16QAM	12	13	20.78	20.73	20.75		
5	16QAM	25	0	20.82	20.89	20.74		
5	64QAM	1	0	20.74	20.63	20.74		
5	64QAM	1	12	20.63	20.76	20.68	22	1.1
5	64QAM	1	24	20.80	20.75	20.63		
5	64QAM	12	0	19.76	19.61	19.73		
5	64QAM	12	7	19.62	19.82	19.61	21	2.1
5	64QAM	12	13	19.74	19.60	19.68		
5	64QAM	25	0	19.70	19.75	19.68		
5	256QAM	1	0	17.64	17.67	17.75		
5	256QAM	1	12	17.78	17.79	17.71	19	4.1
5	256QAM	1	24	17.66	17.71	17.67		
5	256QAM	12	0	17.78	17.79	17.69		
5	256QAM	12	7	17.64	17.74	17.65	19	4.1
5	256QAM	12	13	17.73	17.72	17.65		
5	256QAM	25	0	17.80	17.73	17.81		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.78	21.83	21.74	23.1	0
3	QPSK	1	8	21.84	21.76	21.79		
3	QPSK	1	14	21.87	21.79	21.83		
3	QPSK	8	0	21.76	21.71	21.65		
3	QPSK	8	4	21.68	21.70	21.72	23	0.1
3	QPSK	8	7	21.67	21.65	21.76		
3	QPSK	15	0	21.74	21.81	21.66		
3	16QAM	1	0	21.61	21.71	21.65		
3	16QAM	1	8	21.59	21.74	21.69	23	0.1
3	16QAM	1	14	21.85	21.65	21.75		
3	16QAM	8	0	20.77	20.73	20.69		
3	16QAM	8	4	20.79	20.70	20.67	22	1.1
3	16QAM	8	7	20.72	20.72	20.70		
3	16QAM	15	0	20.76	20.90	20.77		
3	64QAM	1	0	20.75	20.66	20.74		
3	64QAM	1	8	20.70	20.74	20.60	22	1.1
3	64QAM	1	14	20.84	20.77	20.69		
3	64QAM	8	0	19.74	19.69	19.70		
3	64QAM	8	4	19.62	19.80	19.70	21	2.1
3	64QAM	8	7	19.80	19.65	19.74		
3	64QAM	15	0	19.67	19.80	19.67		
3	256QAM	1	0	17.68	17.64	17.69		
3	256QAM	1	8	17.76	17.75	17.64	19	4.1
3	256QAM	1	14	17.71	17.76	17.68		
3	256QAM	8	0	17.77	17.74	17.70		
3	256QAM	8	4	17.64	17.70	17.67	19	4.1
3	256QAM	8	7	17.68	17.65	17.71		
3	256QAM	15	0	17.83	17.86	17.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.78	21.78	21.82	23.1	0
1.4	QPSK	1	3	21.77	21.80	21.84		
1.4	QPSK	1	5	21.88	21.84	21.82		
1.4	QPSK	3	0	21.71	21.71	21.68		
1.4	QPSK	3	1	21.72	21.72	21.73		
1.4	QPSK	3	3	21.69	21.63	21.70		
1.4	QPSK	6	0	21.66	21.81	21.69	23	0.1
1.4	16QAM	1	0	21.63	21.73	21.68		
1.4	16QAM	1	3	21.69	21.76	21.74		
1.4	16QAM	1	5	21.84	21.65	21.70	23	0.1
1.4	16QAM	3	0	21.82	21.85	21.83		
1.4	16QAM	3	1	21.74	21.84	21.73		
1.4	16QAM	3	3	21.80	21.79	21.84		
1.4	16QAM	6	0	20.83	20.83	20.80	22	1.1
1.4	64QAM	1	0	20.81	20.86	20.81		
1.4	64QAM	1	3	20.82	20.86	20.81		
1.4	64QAM	1	5	20.78	20.72	20.71	22	1.1
1.4	64QAM	3	0	20.67	20.70	20.65		
1.4	64QAM	3	1	20.77	20.62	20.73		
1.4	64QAM	3	3	20.71	20.76	20.58		
1.4	64QAM	6	0	19.88	19.87	19.75	21	2.1
1.4	256QAM	1	0	17.83	17.85	17.75		
1.4	256QAM	1	3	17.78	17.85	17.79		
1.4	256QAM	1	5	17.81	17.77	17.78	19	4.1
1.4	256QAM	3	0	17.74	17.75	17.75		
1.4	256QAM	3	1	17.72	17.68	17.63		
1.4	256QAM	3	3	17.65	17.65	17.73		
1.4	256QAM	6	0	17.72	17.73	17.64	19	4.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.45		19.4	0
10	QPSK	1	25		18.44			
10	QPSK	1	49		18.32			
10	QPSK	25	0		17.58		19.4	0
10	QPSK	25	12		17.51			
10	QPSK	25	25		17.56			
10	QPSK	50	0		17.61			
10	16QAM	1	0		17.55			
10	16QAM	1	25		17.53		19.4	0
10	16QAM	1	49		17.59			
10	16QAM	25	0		18.11			
10	16QAM	25	12		18.05		19.4	0
10	16QAM	25	25		18.08			
10	16QAM	50	0		18.00			
10	64QAM	1	0		18.07			
10	64QAM	1	25		18.08		19.4	0
10	64QAM	1	49		18.07			
10	64QAM	25	0		18.04			
10	64QAM	25	12		18.05		19	0.4
10	64QAM	25	25		18.04			
10	64QAM	50	0		18.06			
10	256QAM	1	0		16.01			
10	256QAM	1	25		16.00		17	2.4
10	256QAM	1	49		16.03			
10	256QAM	25	0		15.99			
10	256QAM	25	12		16.09		17	2.4
10	256QAM	25	25		16.02			
10	256QAM	50	0		16.00			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.38	18.36	18.32	19.4	0
5	QPSK	1	12	18.33	18.31	18.33		
5	QPSK	1	24	18.23	18.26	18.21		
5	QPSK	12	0	17.42	17.43	17.53	19.4	0
5	QPSK	12	7	17.43	17.40	17.42		
5	QPSK	12	13	17.46	17.50	17.42		
5	QPSK	25	0	17.50	17.55	17.48		
5	16QAM	1	0	17.50	17.43	17.49		
5	16QAM	1	12	17.42	17.40	17.48	19.4	0
5	16QAM	1	24	17.55	17.43	17.49		
5	16QAM	12	0	18.05	18.03	18.06		
5	16QAM	12	7	17.90	17.92	17.93	19.4	0
5	16QAM	12	13	18.00	18.03	18.01		
5	16QAM	25	0	17.90	17.86	17.95		
5	64QAM	1	0	17.97	17.99	17.97		
5	64QAM	1	12	17.97	18.02	17.99	19.4	0
5	64QAM	1	24	17.91	17.93	17.95		
5	64QAM	12	0	17.97	17.93	17.96		
5	64QAM	12	7	17.92	17.90	17.98	19	0.4
5	64QAM	12	13	17.97	17.92	17.96		
5	64QAM	25	0	17.97	17.90	17.91		
5	256QAM	1	0	15.91	15.96	15.97		
5	256QAM	1	12	15.89	15.86	15.84	17	2.4
5	256QAM	1	24	15.92	15.96	15.92		
5	256QAM	12	0	15.92	15.86	15.90		
5	256QAM	12	7	15.98	15.93	15.98	17	2.4
5	256QAM	12	13	15.87	15.97	15.98		
5	256QAM	25	0	15.92	15.94	15.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.46	21.53	21.41	22.5	0
20	QPSK	1	49	21.48	21.42	21.37		
20	QPSK	1	99	21.42	21.46	21.43		
20	QPSK	50	0	21.38	21.50	21.39		
20	QPSK	50	24	21.41	21.45	21.37	22.5	0
20	QPSK	50	50	21.36	21.47	21.37		
20	QPSK	100	0	21.39	21.51	21.43		
20	16QAM	1	0	21.39	21.49	21.36		
20	16QAM	1	49	21.46	21.45	21.42	22.5	0
20	16QAM	1	99	21.40	21.51	21.46		
20	16QAM	50	0	20.94	20.94	20.93		
20	16QAM	50	24	20.88	20.99	20.91	22	0.5
20	16QAM	50	50	20.95	21.00	20.85		
20	16QAM	100	0	20.92	21.01	20.93		
20	64QAM	1	0	20.92	21.00	20.92		
20	64QAM	1	49	20.87	20.95	20.95	22	0.5
20	64QAM	1	99	20.88	21.01	20.87		
20	64QAM	50	0	19.46	19.43	19.41		
20	64QAM	50	24	19.37	19.50	19.44	21	1.5
20	64QAM	50	50	19.46	19.49	19.39		
20	64QAM	100	0	19.42	19.51	19.42		
20	256QAM	1	0	17.92	18.06	17.91		
20	256QAM	1	49	18.00	18.00	17.86	19	3.5
20	256QAM	1	99	17.96	18.01	17.87		
20	256QAM	50	0	17.99	18.09	17.90		
20	256QAM	50	24	17.94	18.03	17.85	19	3.5
20	256QAM	50	50	17.90	18.02	17.93		
20	256QAM	100	0	17.98	18.09	17.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.40	21.48	21.36	22.5	0
15	QPSK	1	37	21.43	21.34	21.33		
15	QPSK	1	74	21.28	21.37	21.35		
15	QPSK	36	0	21.23	21.40	21.24		
15	QPSK	36	20	21.36	21.41	21.23	22.5	0
15	QPSK	36	39	21.22	21.39	21.21		
15	QPSK	75	0	21.26	21.42	21.35		
15	16QAM	1	0	21.24	21.43	21.21		
15	16QAM	1	37	21.34	21.32	21.28	22.5	0
15	16QAM	1	74	21.29	21.39	21.36		
15	16QAM	36	0	20.80	20.88	20.78		
15	16QAM	36	20	20.83	20.88	20.81	22	0.5
15	16QAM	36	39	20.90	20.92	20.77		
15	16QAM	75	0	20.86	20.86	20.78		
15	64QAM	1	0	20.86	20.91	20.77		
15	64QAM	1	37	20.83	20.80	20.82	22	0.5
15	64QAM	1	74	20.74	20.93	20.80		
15	64QAM	36	0	19.33	19.28	19.26		
15	64QAM	36	20	19.22	19.38	19.31	21	1.5
15	64QAM	36	39	19.37	19.43	19.25		
15	64QAM	75	0	19.34	19.45	19.32		
15	256QAM	1	0	17.87	17.98	17.76		
15	256QAM	1	37	17.95	17.89	17.71	19	3.5
15	256QAM	1	74	17.87	17.90	17.79		
15	256QAM	36	0	17.85	17.97	17.81		
15	256QAM	36	20	17.86	17.88	17.77	19	3.5
15	256QAM	36	39	17.84	17.97	17.79		
15	256QAM	75	0	17.92	17.99	17.88		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.32	21.38	21.26	22.5	0
10	QPSK	1	25	21.34	21.38	21.26		
10	QPSK	1	49	21.27	21.32	21.29		
10	QPSK	25	0	21.30	21.40	21.27		
10	QPSK	25	12	21.33	21.34	21.31	22.5	0
10	QPSK	25	25	21.21	21.37	21.27		
10	QPSK	50	0	21.27	21.35	21.36		
10	16QAM	1	0	21.31	21.35	21.23		
10	16QAM	1	25	21.32	21.34	21.33	22.5	0
10	16QAM	1	49	21.29	21.46	21.37		
10	16QAM	25	0	20.81	20.79	20.87		
10	16QAM	25	12	20.74	20.85	20.76	22	0.5
10	16QAM	25	25	20.87	20.93	20.70		
10	16QAM	50	0	20.85	20.90	20.83		
10	64QAM	1	0	20.79	20.86	20.78		
10	64QAM	1	25	20.74	20.86	20.80	22	0.5
10	64QAM	1	49	20.82	20.97	20.72		
10	64QAM	25	0	19.38	19.38	19.25		
10	64QAM	25	12	19.25	19.40	19.39	21	1.5
10	64QAM	25	25	19.36	19.42	19.30		
10	64QAM	50	0	19.31	19.43	19.38		
10	256QAM	1	0	17.79	18.01	17.87		
10	256QAM	1	25	17.84	17.87	17.76	19	3.5
10	256QAM	1	49	17.81	17.91	17.81		
10	256QAM	25	0	17.94	18.02	17.86		
10	256QAM	25	12	17.79	17.96	17.80	19	3.5
10	256QAM	25	25	17.85	17.98	17.81		
10	256QAM	50	0	17.87	18.04	17.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.32	21.38	21.30	22.5	0
5	QPSK	1	12	21.35	21.34	21.24		
5	QPSK	1	24	21.30	21.39	21.37		
5	QPSK	12	0	21.34	21.34	21.32		
5	QPSK	12	7	21.25	21.34	21.30	22.5	0
5	QPSK	12	13	21.25	21.43	21.24		
5	QPSK	25	0	21.33	21.38	21.37		
5	16QAM	1	0	21.30	21.40	21.21		
5	16QAM	1	12	21.36	21.26	21.37	22.5	0
5	16QAM	1	24	21.31	21.44	21.31		
5	16QAM	12	0	20.88	20.80	20.80		
5	16QAM	12	7	20.79	20.92	20.77	22	0.5
5	16QAM	12	13	20.90	20.89	20.78		
5	16QAM	25	0	20.83	20.96	20.78		
5	64QAM	1	0	20.88	20.86	20.82		
5	64QAM	1	12	20.77	20.91	20.85	22	0.5
5	64QAM	1	24	20.81	20.90	20.79		
5	64QAM	12	0	19.32	19.34	19.27		
5	64QAM	12	7	19.33	19.38	19.31	21	1.5
5	64QAM	12	13	19.42	19.38	19.25		
5	64QAM	25	0	19.36	19.37	19.28		
5	256QAM	1	0	17.81	17.91	17.83		
5	256QAM	1	12	17.85	17.91	17.81	19	3.5
5	256QAM	1	24	17.90	17.95	17.82		
5	256QAM	12	0	17.93	18.04	17.81		
5	256QAM	12	7	17.82	17.96	17.78	19	3.5
5	256QAM	12	13	17.82	17.97	17.78		
5	256QAM	25	0	17.89	17.97	17.90		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.41	21.41	21.34	22.5	0
3	QPSK	1	8	21.44	21.36	21.33		
3	QPSK	1	14	21.35	21.40	21.38		
3	QPSK	8	0	21.29	21.45	21.31		
3	QPSK	8	4	21.27	21.41	21.30	22.5	0
3	QPSK	8	7	21.26	21.37	21.26		
3	QPSK	15	0	21.34	21.47	21.29		
3	16QAM	1	0	21.26	21.34	21.30		
3	16QAM	1	8	21.33	21.32	21.37	22.5	0
3	16QAM	1	14	21.31	21.42	21.34		
3	16QAM	8	0	20.84	20.80	20.88		
3	16QAM	8	4	20.78	20.88	20.82	22	0.5
3	16QAM	8	7	20.91	20.85	20.81		
3	16QAM	15	0	20.82	20.97	20.85		
3	64QAM	1	0	20.81	20.92	20.80		
3	64QAM	1	8	20.73	20.79	20.84	22	0.5
3	64QAM	1	14	20.82	20.95	20.76		
3	64QAM	8	0	19.37	19.36	19.32

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.39	18.58	18.38		
20	QPSK	1	49	18.57	18.52	18.37	19.5	0
20	QPSK	1	99	18.42	18.52	18.50		
20	QPSK	50	0	18.46	18.56	18.50		
20	QPSK	50	24	18.53	18.52	18.47	19.5	0
20	QPSK	50	50	18.50	18.47	18.37		
20	QPSK	100	0	18.50	18.56	18.45		
20	16QAM	1	0	18.43	18.46	18.48		
20	16QAM	1	49	18.42	18.52	18.50	19.5	0
20	16QAM	1	99	18.43	18.46	18.53		
20	16QAM	50	0	18.52	18.46	18.36		
20	16QAM	50	24	18.46	18.45	18.39	19.5	0
20	16QAM	50	50	18.50	18.34	18.42		
20	16QAM	100	0	18.46	18.44	18.41		
20	64QAM	1	0	18.37	18.46	18.56		
20	64QAM	1	49	18.40	18.45	18.41	19.5	0
20	64QAM	1	99	18.39	18.44	18.45		
20	64QAM	50	0	18.52	18.49	18.50		
20	64QAM	50	24	18.46	18.52	18.43	19.5	0
20	64QAM	50	50	18.45	18.44	18.44		
20	64QAM	100	0	18.40	18.49	18.43		
20	256QAM	1	0	18.52	18.56	18.50		
20	256QAM	1	49	18.39	18.43	18.44	19.5	0
20	256QAM	1	99	18.56	18.41	18.50		
20	256QAM	50	0	18.44	18.37	18.43		
20	256QAM	50	24	18.47	18.47	18.47	19.5	0
20	256QAM	50	50	18.50	18.54	18.48		
20	256QAM	100	0	18.43	18.54	18.54		
Channel				37800	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.32	18.44	18.35		
15	QPSK	1	37	18.44	18.38	18.31	19.5	0
15	QPSK	1	74	18.39	18.38	18.34		
15	QPSK	36	0	18.32	18.40	18.34		
15	QPSK	36	20	18.37	18.34	18.40	19.5	0
15	QPSK	36	39	18.37	18.32	18.26		
15	QPSK	75	0	18.42	18.48	18.38		
15	16QAM	1	0	18.30	18.38	18.29		
15	16QAM	1	37	18.33	18.33	18.39	19.5	0
15	16QAM	1	74	18.36	18.37	18.40		
15	16QAM	36	0	18.43	18.27	18.35		
15	16QAM	36	20	18.31	18.31	18.38	19.5	0
15	16QAM	36	39	18.40	18.25	18.34		
15	16QAM	75	0	18.42	18.31	18.28		
15	64QAM	1	0	18.34	18.33	18.45		
15	64QAM	1	37	18.41	18.39	18.36	19.5	0
15	64QAM	1	74	18.29	18.33	18.43		
15	64QAM	36	0	18.43	18.44	18.36		
15	64QAM	36	20	18.27	18.32	18.32	19.5	0
15	64QAM	36	39	18.30	18.33	18.37		
15	64QAM	75	0	18.35	18.39	18.28		
15	256QAM	1	0	18.30	18.37	18.44		
15	256QAM	1	37	18.36	18.40	18.38	19.5	0
15	256QAM	1	74	18.45	18.30	18.40		
15	256QAM	36	0	18.36	18.36	18.30		
15	256QAM	36	20	18.33	18.43	18.32	19.5	0
15	256QAM	36	39	18.37	18.33	18.35		
15	256QAM	75	0	18.33	18.42	18.37		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.37	18.52	18.29		
10	QPSK	1	25	18.46	18.32	18.32	19.5	0
10	QPSK	1	49	18.31	18.38	18.31		
10	QPSK	25	0	18.28	18.47	18.37		
10	QPSK	25	12	18.38	18.27	18.47	19.5	0
10	QPSK	25	25	18.39	18.32	18.25		
10	QPSK	50	0	18.45	18.43	18.37		
10	16QAM	1	0	18.32	18.32	18.35		
10	16QAM	1	25	18.38	18.32	18.37	19.5	0
10	16QAM	1	49	18.35	18.39	18.47		
10	16QAM	25	0	18.41	18.25	18.35		
10	16QAM	25	12	18.37	18.34	18.29	19.5	0
10	16QAM	25	25	18.32	18.36	18.38		
10	16QAM	50	0	18.39	18.33	18.29		
10	64QAM	1	0	18.32	18.32	18.37		
10	64QAM	1	25	18.37	18.33	18.34	19.5	0
10	64QAM	1	49	18.33	18.32	18.38		
10	64QAM	25	0	18.35	18.43	18.33		
10	64QAM	25	12	18.26	18.36	18.27	19.5	0
10	64QAM	25	25	18.29	18.36	18.30		
10	64QAM	50	0	18.37	18.35	18.32		
10	256QAM	1	0	18.33	18.47	18.37		
10	256QAM	1	25	18.25	18.33	18.44	19.5	0
10	256QAM	1	49	18.37	18.40	18.31		
10	256QAM	25	0	18.32	18.36	18.34		
10	256QAM	25	12	18.42	18.37	18.33	19.5	0
10	256QAM	25	25	18.40	18.34	18.31		
10	256QAM	50	0	18.39	18.42	18.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.31	18.52	18.33		
5	QPSK	1	12	18.39	18.32	18.26	19.5	0
5	QPSK	1	24	18.33	18.41	18.39		
5	QPSK	12	0	18.38	18.34	18.33		
5	QPSK	12	7	18.45	18.34	18.44	19.5	0
5	QPSK	12	13	18.39	18.29	18.26		
5	QPSK	25	0	18.38	18.46	18.46		
5	16QAM	1	0	18.35	18.30	18.39		
5	16QAM	1	12	18.34	18.42	18.35	19.5	0
5	16QAM	1	24	18.31	18.34	18.47		
5	16QAM	12	0	18.35	18.35	18.26		
5	16QAM	12	7	18.34	18.30	18.32	19.5	0
5	16QAM	12	13	18.33	18.31	18.31		
5	16QAM	25	0	18.44	18.38	18.29		
5	64QAM	1	0	18.27	18.37	18.44		
5	64QAM	1	12	18.31	18.34	18.34	19.5	0
5	64QAM	1	24	18.29	18.38	18.37		
5	64QAM	12	0	18.37	18.35	18.33		
5	64QAM	12	7	18.31	18.34	18.34	19.5	0
5	64QAM	12	13	18.25	18.33	18.35		
5	64QAM	25	0	18.31	18.36	18.31		
5	256QAM	1	0	18.35	18.41	18.41		
5	256QAM	1	12	18.25	18.36	18.34	19.5	0
5	256QAM	1	24	18.42	18.40	18.41		
5	256QAM	12	0	18.41	18.35	18.31		
5	256QAM	12	7	18.41	18.44	18.34	19.5	0
5	256QAM	12	13	18.32	18.35	18.30		
5	256QAM	25	0	18.42	18.39	18.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.75	18.74	18.89	18.72	18.55		
20	QPSK	1	49	18.75	18.82	18.76	18.72	18.81	19.5	0
20	QPSK	1	99	18.79	18.75	18.79	18.75	18.76		
20	QPSK	50	0	18.72	18.70	18.85	18.76	18.79		
20	QPSK	50	24	18.71	18.81	18.72	18.82	18.78	19.5	0
20	QPSK	50	50	18.73	18.75	18.73	18.70	18.80		
20	QPSK	100	0	18.74	18.81	18.83	18.81	18.74		
20	16QAM	1	0	18.73	18.72	18.74	18.73	18.81		
20	16QAM	1	49	18.80	18.75	18.77	18.78	18.71	19.5	0
20	16QAM	1	99	18.72	18.76	18.75	18.81	18.76		
20	16QAM	50	0	18.73	18.76	18.73	18.80	18.77		
20	16QAM	50	24	18.74	18.73	18.74	18.74	18.71	19.5	0
20	16QAM	50	50	18.72	18.76	18.70	18.76	18.75		
20	16QAM	100	0	18.74	18.81	18.75	18.73	18.77		
20	64QAM	1	0	18.77	18.73	18.78	18.81	18.72		
20	64QAM	1	49	18.70	18.75	18.78	18.76	18.76	19.5	0
20	64QAM	1	99	18.75	18.71	18.73	18.80	18.73		
20	64QAM	50	0	18.70	18.77	18.81	18.75	18.79		
20	64QAM	50	24	18.75	18.71	18.77	18.70	18.77	19.5	0
20	64QAM	50	50	18.72	18.70	18.74	18.72	18.75		
20	64QAM	100	0	18.75	18.72	18.77	18.71	18.76		
20	256QAM	1	0	18.78	18.76	18.82	18.78	18.78		
20	256QAM	1	49	18.72	18.71	18.78	18.79	18.81	19.5	0
20	256QAM	1	99	18.81	18.82	18.75	18.76	18.74		
20	256QAM	50	0	18.77	18.75	18.73	18.70	18.72		
20	256QAM	50	24	18.79	18.77	18.81	18.76	18.73	19.5	0
20	256QAM	50	50	18.74	18.76	18.78	18.72	18.80		
20	256QAM	100	0	18.76	18.78	18.80	18.78	18.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.60	18.60	18.65	18.57	18.43		
15	QPSK	1	37	18.62	18.73	18.64	18.59	18.72	20	0
15	QPSK	1	74	18.74	18.71	18.70	18.61	18.71		
15	QPSK	36	0	18.60	18.65	18.60	18.66	18.70		
15	QPSK	36	20	18.58	18.77	18.58	18.69	18.71	19.5	0
15	QPSK	36	39	18.68	18.60	18.65	18.55	18.69		
15	QPSK	75	0	18.60	18.66	18.63	18.66	18.62		
15	16QAM	1	0	18.59	18.60	18.67	18.60	18.66		
15	16QAM	1	37	18.68	18.61	18.61	18.84	18.62	19.5	0
15	16QAM	1	74	18.58	18.60	18.66	18.77	18.66		
15	16QAM	36	0	18.59	18.66	18.58	18.59	18.66		
15	16QAM	36	20	18.60	18.62	18.63	18.69	18.66	19.5	0
15	16QAM	36	39	18.67	18.66	18.61	18.66	18.68		
15	16QAM	75	0	18.69	18.66	18.64	18.68	18.61		
15	64QAM	1	0	18.73	18.62	18.71	18.76	18.58		
15	64QAM	1	37	18.65	18.69	18.73	18.65	18.68	19.5	0
15	64QAM	1	74	18.64	18.56	18.61	18.70	18.67		
15	64QAM	36	0	18.60	18.71	18.74	18.68	18.67		
15	64QAM	36	20	18.63	18.62	18.72	18.62	18.68	19.5	0
15	64QAM	36	39	18.67	18.57	18.64	18.62	18.62		
15	64QAM	75	0	18.71	18.60	18.63	18.61	18.62		
15	256QAM	1	0	18.71	18.70	18.76	18.67	18.71		
15	256QAM	1	37	18.63	18.66	18.71	18.67	18.66	19.5	0
15	256QAM	1	74	18.76	18.74	18.63	18.66	18.61		
15	256QAM	36	0	18.72	18.64	18.67	18.65	18.57		
15	256QAM	36	20	18.70	18.70	18.74	18.62	18.68	19.5	0
15	256QAM	36	39	18.61	18.60	18.67	18.66	18.71		
15	256QAM	75	0	18.71	18.65	18.71	18.68	18.71		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.61	18.65	18.73	18.66	18.44		
10	QPSK	1	25	18.64	18.67	18.60	18.57	18.68	20	0
10	QPSK	1	49	18.69	18.60	18.67	18.64	18.67		
10	QPSK	25	0	18.62	18.63	18.70	18.63	18.64		
10	QPSK	25	12	18.59	18.67	18.63	18.77	18.68	19.5	0
10	QPSK	25	25	18.66	18.62	18.58	18.58	18.65		
10	QPSK	50	0	18.61	18.72	18.60	18.75	18.60		
10	16QAM	1	0	18.64	18.68	18.59	18.60	18.73		
10	16QAM	1	25	18.71	18.68	18.68	18.69	18.64	19.5	0
10	16QAM	1	49	18.65	18.62	18.69	18.73	18.67		
10	16QAM	25	0	18.63	18.64	18.65	18.61	18.67		
10	16QAM	25	12	18.67	18.68	18.61	18.59	18.67	19.5	0
10	16QAM	25	25	18.57	18.72	18.65	18.64	18.62		
10	16QAM	50	0	18.65	18.71	18.62	18.63	18.62		
10	64QAM	1	0	18.70	18.67	18.63	18.70	18.58		
10	64QAM	1	25	18.59	18.69	18.73	18.66	18.69	19.5	0
10	64QAM	1	49	18.68	18.65	18.63	18.65	18.68		
10	64QAM	25	0	18.61	18.71	18.71	18.69	18.64		
10	64QAM	25	12	18.69	18.65	18.67	18.64	18.70	19.5	0
10	64QAM	25	25	18.57	18.62	18.62	18.65	18.69		
10	64QAM	50	0	18.63	18.66	18.65	18.63	18.65		
10	256QAM	1	0	18.67	18.70	18.73	18.71	18.73		
10	256QAM	1	25	18.68	18.66	18.68	18.65	18.67	19.5	0
10	256QAM	1	49	18.76	18.66	18.64	18.70	18.65		
10	256QAM	25	0	18.70	18.69	18.60	18.58	18.66		
10	256QAM	25	12	18.73	18.71	18.73	18.64	18.64	19.5	0
10	256QAM	25	25	18.63	18.68	18.73	18.57	18.69		
10	256QAM	50	0	18.65	18.70	18.67	18.64	18.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.67	18.63	18.73	18.68	18.50		
5	QPSK	1	12	18.65	18.72	18.65	18.63	18.72	20	0
5	QPSK	1	24	18.63	18.71	18.69	18.63	18.69		
5	QPSK	12	0	18.65	18.65	18.66	18.66	18.70		
5	QPSK	12	7	18.59	18.73	18.65	18.69	18.74	19.5	0
5	QPSK	12	13	18.66	18.60	18.62	18.57	18.67		
5	QPSK	25	0	18.62	18.66	18.70	18.66	18.65		
5	16QAM	1	0	18.61	18.59	18.65	18.63	18.72		
5	16QAM	1	12	18.72	18.66	18.72	18.73	18.63	19.5	0
5	16QAM	1	24	18.61	18.64	18.70	18.70	18.60		
5	16QAM	12	0	18.60	18.73	18.65	18.55	18.62		
5	16QAM	12	7	18.62	18.61	18.66	18.68	18.63	19.5	0
5	16QAM	12	13	18.63	18.66	18.58	18.71	18.60		
5	16QAM	25	0	18.60	18.77	18.67	18.63	18.65		
5	64QAM	1	0	18.73	18.58	18.71	18.70	18.57		
5	64QAM	1	12	18.59	18.62	18.64	18.69	18.64	19.5	0
5	64QAM	1	24	18.71	18.61	18.68	18.70	18.60		
5	64QAM	12	0	18.64	18.70	18.68	18.63	18.62		
5	64QAM	12	7	18.67	18.56	18.68	18.55	18.72	19.5	0
5	64QAM	12	13	18.60	18.62	18.68	18.68	18.65		
5	64QAM	25	0	18.61	18.65	18.63	18.66	18.70		
5	256QAM	1	0	18.65	18.62	18.71	18.68	18.63		
5	256QAM	1	12	18.60	18.57	18.64	18.68	18.69	19.5	0
5	256QAM	1	24	18.69	18.73	18.67	18.70	18.61		
5	256QAM	12	0	18.69	18.68	18.60	18.56	18.62		
5	256QAM	12	7	18.64	18.61	18.68	18.64	18.57	19.5	0
5	256QAM	12	13	18.59	18.61	18.65	18.60	18.65		
5	256QAM	25	0	18.64	18.72	18.73	18.63	18.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.20	20.14	20.39	20.14	20.16		
20	QPSK	1	49	20.15	20.21	20.13	20.15	20.23	21.1	0
20	QPSK	1	99	20.19	20.18	20.16	20.19	20.15		
20	QPSK	50	0	20.14	20.23	20.26	20.18	20.18		
20	QPSK	50	24	20.25	20.22	20.17	20.20	20.14	21.1	0
20	QPSK	50	50	20.14	20.21	20.19	20.13	20.15		
20	QPSK	100	0	20.23	20.15	20.24	20.23	20.15		
20	16QAM	1	0	20.22	20.16	20.14	20.16	20.19		
20	16QAM	1	49	20.19	20.17	20.24	20.20	20.18	21.1	0
20	16QAM	1	99	20.23	20.15	20.20	20.25	20.22		
20	16QAM	50	0	20.14	20.13	20.15	20.17	20.15		
20	16QAM	50	24	20.21	20.22	20.18	20.16	20.17	21.1	0
20	16QAM	50	50	20.14	20.24	20.24	20.20	20.21		
20	16QAM	100	0	20.14	20.19	20.14	20.19	20.23		
20	64QAM	1	0	20.15	20.21	20.19	20.19	20.20		
20	64QAM	1	49	20.15	20.25	20.20	20.19	20.18	21.1	0
20	64QAM	1	99	20.16	20.20	20.16	20.24	20.17		
20	64QAM	50	0	20.14	20.20	20.17	20.14	20.20		
20	64QAM	50	24	20.23	20.16	20.19	20.20	20.20	21.1	0
20	64QAM	50	50	20.16	20.14	20.24	20.16	20.24		
20	64QAM	100	0	20.22	20.21	20.17	20.19	20.14		
20	256QAM	1	0	20.20	20.24	20.14	20.25	20.22		
20	256QAM	1	49	20.22	20.20	20.16	20.22	20.17	21.1	0
20	256QAM	1	99	20.14	20.15	20.20	20.24	20.19		
20	256QAM	50	0	20.21	20.17	20.18	20.25	20.21		
20	256QAM	50	24	20.21	20.14	20.19	20.24	20.16	21.1	0
20	256QAM	50	50	20.19	20.25	20.15	20.20	20.17		
20	256QAM	100	0	20.22	20.14	20.20	20.16	20.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.09	20.07	20.12	20.07	20.03		
15	QPSK	1	37	20.02	20.15	20.03	20.07	20.13	21	0
15	QPSK	1	74	20.05	20.13	20.06	20.11	20.01		
15	QPSK	36	0	20.09	20.08	20.13	20.10	20.07		
15	QPSK	36	20	20.14	20.14	20.12	20.15	20.08	21.1	0
15	QPSK	36	39	20.09	20.17	20.08	20.08	20.08		
15	QPSK	75	0	20.18	20.09	20.07	20.09	20.06		
15	16QAM	1	0	20.13	20.06	20.06	20.01	20.12		
15	16QAM	1	37	20.14	20.10	20.12	20.04	20.04	21.1	0
15	16QAM	1	74	20.10	20.08	20.08	20.13	20.17		
15	16QAM	36	0	20.02	20.05	20.10	20.06	20.02		
15	16QAM	36	20	20.15	20.15	20.12	20.04	20.13	21.1	0
15	16QAM	36	39	20.06	20.09	20.11	20.12	20.08		
15	16QAM	75	0	20.00	20.05	20.03	20.04	20.18		
15	64QAM	1	0	20.09	20.14	20.11	20.08	20.12		
15	64QAM	1	37	20.01	20.09	20.15	20.04	20.04	21.1	0
15	64QAM	1	74	20.06	20.06	20.02	20.19	20.12		
15	64QAM	36	0	20.05	20.06	20.06	20.08	20.12		
15	64QAM	36	20	20.07	20.00	20.14	20.07	20.16	21.1	0
15	64QAM	36	39	20.03	20.06	20.12	20.05	20.13		
15	64QAM	75	0	20.10	20.16	20.03	20.05	19.99		
15	256QAM	1	0	20.09	20.12	20.02	20.13	20.16		
15	256QAM	1	37	20.13	20.10	20.06	20.13	20.03	21.1	0
15	256QAM	1	74	20.01	20.07	20.11	20.17	20.05		
15	256QAM	36	0	20.11	20.06	20.10	20.09	20.05		
15	256QAM	36	20	20.17	20.06	20.07	20.08	20.04	21.1	0
15	256QAM	36	39	20.14	20.16	20.07	20.15	20.01		
15	256QAM	75	0	20.09	20.08	20.07	20.11	20.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.08	20.00	20.06	20.07	20.04		
10	QPSK	1	25	20.10	20.10	20.05	20.05	20.09	21	0
10	QPSK	1	49	20.15	20.06	20.05	20.13	20.03		
10	QPSK	25	0	20.02	20.14	20.08	20.10	20.08		
10	QPSK	25	12	20.10	20.17	20.06	20.12	20.04	21.1	0
10	QPSK	25	25	20.01	20.12	20.06	19.98	20.08		
10	QPSK	50	0	20.15	20.07	20.14	20.11	20.01		
10	16QAM	1	0	20.08	20.06	20.04	20.01	20.08		
10	16QAM	1	25	20.10	20.10	20.16	20.08	20.13	21.1	0
10	16QAM	1	49	20.13	20.08	20.13	20.12	20.13		
10	16QAM	25	0	20.02	20.05	20.00	20.05	20.11		
10	16QAM	25	12	20.09	20.10	20.11	20.07	20.13	21.1	0
10	16QAM	25	25	20.08	20.12	20.18	20.13	20.16		
10	16QAM	50	0	20.06	20.04	20.04	20.13

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.68	21.78	21.71	22.9	0
20	QPSK	1	49	21.61	21.59	21.62		
20	QPSK	1	99	21.55	21.62	21.51		
20	QPSK	50	0	21.62	21.68	21.61	22.9	0
20	QPSK	50	24	21.52	21.54	21.47		
20	QPSK	50	50	21.58	21.56	21.62		
20	QPSK	100	0	21.60	21.66	21.57		
20	16QAM	1	0	21.47	21.50	21.61		
20	16QAM	1	49	21.45	21.47	21.51	22.9	0
20	16QAM	1	99	21.58	21.49	21.52		
20	16QAM	50	0	21.60	21.62	21.57		
20	16QAM	50	24	21.47	21.51	21.51	22.9	0
20	16QAM	50	50	21.50	21.46	21.57		
20	16QAM	100	0	21.53	21.56	21.55		
20	64QAM	1	0	20.60	20.66	20.69		
20	64QAM	1	49	20.69	20.65	20.65	22	0.9
20	64QAM	1	99	20.57	20.59	20.59		
20	64QAM	50	0	20.69	20.74	20.67		
20	64QAM	50	24	20.54	20.58	20.55	22	0.9
20	64QAM	50	50	20.67	20.62	20.62		
20	64QAM	100	0	20.65	20.61	20.61		
20	256QAM	1	0	17.69	17.70	17.64		
20	256QAM	1	49	17.77	17.77	17.68	19	3.9
20	256QAM	1	99	17.70	17.70	17.68		
20	256QAM	50	0	17.71	17.75	17.66		
20	256QAM	50	24	17.68	17.62	17.60		
20	256QAM	50	50	17.67	17.66	17.66	19	3.9
20	256QAM	100	0	17.69	17.71	17.66		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.71	21.73	21.64	22.9	0
15	QPSK	1	37	21.49	21.57	21.59		
15	QPSK	1	74	21.51	21.50	21.43		
15	QPSK	36	0	21.57	21.61	21.59	22.9	0
15	QPSK	36	20	21.41	21.50	21.43		
15	QPSK	36	39	21.52	21.51	21.57		
15	QPSK	75	0	21.58	21.63	21.56		
15	16QAM	1	0	21.40	21.44	21.49		
15	16QAM	1	37	21.43	21.45	21.45	22.9	0
15	16QAM	1	74	21.54	21.42	21.44		
15	16QAM	36	0	21.59	21.58	21.52		
15	16QAM	36	20	21.38	21.43	21.51	22.9	0
15	16QAM	36	39	21.44	21.43	21.51		
15	16QAM	75	0	21.51	21.48	21.44		
15	64QAM	1	0	20.59	20.61	20.60		
15	64QAM	1	37	20.61	20.63	20.60	22	0.9
15	64QAM	1	74	20.49	20.54	20.52		
15	64QAM	36	0	20.66	20.63	20.60		
15	64QAM	36	20	20.50	20.56	20.48	22	0.9
15	64QAM	36	39	20.61	20.57	20.59		
15	64QAM	75	0	20.57	20.59	20.53		
15	256QAM	1	0	17.61	17.62	17.63		
15	256QAM	1	37	17.63	17.70	17.61	19	3.9
15	256QAM	1	74	17.69	17.69	17.59		
15	256QAM	36	0	17.62	17.68	17.63		
15	256QAM	36	20	17.61	17.66	17.49	19	3.9
15	256QAM	36	39	17.60	17.64	17.63		
15	256QAM	75	0	17.62	17.63	17.57		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.68	21.76	21.71	22.9	0
10	QPSK	1	25	21.50	21.58	21.53		
10	QPSK	1	49	21.55	21.57	21.46		
10	QPSK	25	0	21.55	21.65	21.57	22.9	0
10	QPSK	25	12	21.45	21.52	21.41		
10	QPSK	25	25	21.48	21.49	21.50		
10	QPSK	50	0	21.61	21.61	21.56		
10	16QAM	1	0	21.40	21.43	21.52		
10	16QAM	1	25	21.36	21.44	21.37	22.9	0
10	16QAM	1	49	21.50	21.40	21.53		
10	16QAM	25	0	21.53	21.60	21.58		
10	16QAM	25	12	21.41	21.44	21.45	22.9	0
10	16QAM	25	25	21.51	21.46	21.50		
10	16QAM	50	0	21.46	21.48	21.49		
10	64QAM	1	0	20.60	20.59	20.66		
10	64QAM	1	25	20.63	20.62	20.55	22	0.9
10	64QAM	1	49	20.49	20.60	20.51		
10	64QAM	25	0	20.61	20.69	20.61		
10	64QAM	25	12	20.45	20.53	20.55	22	0.9
10	64QAM	25	25	20.58	20.59	20.61		
10	64QAM	50	0	20.58	20.59	20.54		
10	256QAM	1	0	17.64	17.65	17.63		
10	256QAM	1	25	17.69	17.73	17.61	19	3.9
10	256QAM	1	49	17.71	17.68	17.59		
10	256QAM	25	0	17.58	17.68	17.68		
10	256QAM	25	12	17.54	17.54	17.58	19	3.9
10	256QAM	25	25	17.65	17.65	17.67		
10	256QAM	50	0	17.66	17.66	17.64		
Channel				43115	43240	43365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.66	21.70	21.68	22.9	0
5	QPSK	1	12	21.54	21.54	21.58		
5	QPSK	1	24	21.52	21.48	21.45		
5	QPSK	12	0	21.63	21.67	21.58	22.9	0
5	QPSK	12	7	21.40	21.51	21.45		
5	QPSK	12	13	21.48	21.47	21.51		
5	QPSK	25	0	21.60	21.62	21.57		
5	16QAM	1	0	21.48	21.44	21.54		
5	16QAM	1	12	21.39	21.41	21.44	22.9	0
5	16QAM	1	24	21.52	21.42	21.44		
5	16QAM	12	0	21.59	21.54	21.52		
5	16QAM	12	7	21.35	21.44	21.50	22.9	0
5	16QAM	12	13	21.51	21.52	21.44		
5	16QAM	25	0	21.51	21.48	21.49		
5	64QAM	1	0	20.57	20.59	20.62		
5	64QAM	1	12	20.66	20.59	20.53	22	0.9
5	64QAM	1	24	20.54	20.56	20.50		
5	64QAM	12	0	20.61	20.64	20.63		
5	64QAM	12	7	20.47	20.57	20.51	22	0.9
5	64QAM	12	13	20.59	20.55	20.60		
5	64QAM	25	0	20.58	20.52	20.60		
5	256QAM	1	0	17.70	17.59	17.61		
5	256QAM	1	12	17.67	17.74	17.65	19	3.9
5	256QAM	1	24	17.62	17.67	17.58		
5	256QAM	12	0	17.59	17.68	17.67		
5	256QAM	12	7	17.57	17.57	17.55	19	3.9
5	256QAM	12	13	17.59	17.61	17.69		
5	256QAM	25	0	17.65	17.60	17.61		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.94	20.05	19.88	20.9	0
20	QPSK	1	49	19.86	19.92	19.87		
20	QPSK	1	99	19.86	19.94	19.89		
20	QPSK	50	0	19.92	19.96	19.86		
20	QPSK	50	24	19.94	19.94	19.91		
20	QPSK	50	50	19.86	19.95	19.92		
20	QPSK	100	0	19.88	19.94	19.81		
20	16QAM	1	0	19.90	19.93	19.83		
20	16QAM	1	49	19.94	19.96	19.89	20.9	0
20	16QAM	1	99	19.94	19.88	19.89		
20	16QAM	50	0	19.83	19.92	19.87		
20	16QAM	50	24	19.87	19.95	19.87	20.9	0
20	16QAM	50	50	19.94	19.95	19.84		
20	16QAM	100	0	19.85	19.92	19.87		
20	64QAM	1	0	19.91	19.99	19.84		
20	64QAM	1	49	19.93	19.91	19.86	20.9	0
20	64QAM	1	99	19.93	19.93	19.82		
20	64QAM	50	0	19.01	19.03	18.93		
20	64QAM	50	24	19.00	19.05	18.94	20	0.9
20	64QAM	50	50	19.00	19.03	19.04		
20	64QAM	100	0	18.99	19.04	18.99		
20	256QAM	1	0	16.99	17.10	16.93		
20	256QAM	1	49	17.00	17.02	16.98	18	2.9
20	256QAM	1	99	16.95	17.07	16.96		
20	256QAM	50	0	17.05	16.99	16.94		
20	256QAM	50	24	17.03	17.06	16.98		
20	256QAM	50	50	16.92	17.00	17.08	18	2.9
20	256QAM	100	0	16.93	17.06	16.89		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.85	19.84	19.84	20.9	0
15	QPSK	1	37	19.74	19.81	19.79		
15	QPSK	1	74	19.80	19.88	19.74		
15	QPSK	36	0	19.77	19.81	19.79		
15	QPSK	36	20	19.84	19.87	19.75	20.9	0
15	QPSK	36	39	19.78	19.84	19.78		
15	QPSK	75	0	19.77	19.81	19.66		
15	16QAM	1	0	19.81	19.77	19.71		
15	16QAM	1	37	19.87	19.90	19.80	20.9	0
15	16QAM	1	74	19.81	19.82	19.79		
15	16QAM	36	0	19.68	19.87	19.82		
15	16QAM	36	20	19.76	19.89	19.80	20.9	0
15	16QAM	36	39	19.86	19.85	19.69		
15	16QAM	75	0	19.70	19.80	19.71		
15	64QAM	1	0	19.86	19.84	19.72		
15	64QAM	1	37	19.79	19.86	19.81	20.9	0
15	64QAM	1	74	19.80	19.78	19.70		
15	64QAM	36	0	18.90	18.95	18.86		
15	64QAM	36	20	18.85	19.00	18.83	20	0.9
15	64QAM	36	39	18.91	18.98	18.91		
15	64QAM	75	0	18.87	18.93	18.84		
15	256QAM	1	0	16.93	16.96	16.84		
15	256QAM	1	37	16.95	16.96	16.85	18	2.9
15	256QAM	1	74	16.87	16.96	16.83		
15	256QAM	36	0	16.91	16.83	16.79		
15	256QAM	36	20	16.88	17.02	16.84	18	2.9
15	256QAM	36	39	16.78	16.93	16.98		
15	256QAM	75	0	16.79	16.96	16.84		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.89	19.86	19.83	20.9	0
10	QPSK	1	25	19.74	19.85	19.81		
10	QPSK	1	49	19.78	19.84	19.77		
10	QPSK	25	0	19.83	19.79	19.76		
10	QPSK	25	12	19.88	19.88	19.79	20.9	0
10	QPSK	25	25	19.79	19.81	19.78		
10	QPSK	50	0	19.84	19.82	19.73		
10	16QAM	1	0	19.75	19.88	19.73		
10	16QAM	1	25	19.79	19.89	19.78	20.9	0
10	16QAM	1	49	19.85	19.75	19.76		
10	16QAM	25	0	19.68	19.81	19.75		
10	16QAM	25	12	19.75	19.86	19.82	20.9	0
10	16QAM	25	25	19.82	19.87	19.77		
10	16QAM	50	0	19.80	19.78	19.81		
10	64QAM	1	0	19.85	19.90	19.73		
10	64QAM	1	25	19.84	19.84	19.71	20.9	0
10	64QAM	1	49	19.68	19.77	19.74		
10	64QAM	25	0	18.87	18.98	18.80		
10	64QAM	25	12	18.91	18.96	18.81	20	0.9
10	64QAM	25	25	18.89	19.01	18.99		
10	64QAM	50	0	18.85	19.00	18.85		
10	256QAM	1	0	16.85	17.04	16.87		
10	256QAM	1	25	16.87	16.86	16.82	18	2.9
10	256QAM	1	49	16.89	16.98	16.83		
10	256QAM	25	0	16.97	16.93	16.88		
10	256QAM	25	12	16.99	17.00	16.93	18	2.9
10	256QAM	25	25	16.81	16.89	16.98		
10	256QAM	50	0	16.84	17.01	16.74		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.83	19.80	19.78	20.9	0
5	QPSK	1	12	19.75	19.79	19.82		
5	QPSK	1	24	19.78	19.90	19.81		
5	QPSK	12	0	19.83	19.75	19.82	20.9	0
5	QPSK	12	7	19.80	19.87	19.75		
5	QPSK	12	13	19.77	19.81	19.87		
5	QPSK	25	0	19.77	19.78	19.73		
5	16QAM	1	0	19.77	19.78	19.67		
5	16QAM	1	12	19.85	19.85	19.85	20.9	0
5	16QAM	1	24	19.94	19.76	19.77		
5	16QAM	12	0	19.68	19.79	19.72		
5	16QAM	12	7	19.76	19.89	19.81	20.9	0
5	16QAM	12	13	19.94	19.76	19.76		
5	16QAM	25	0	19.70	19.87	19.78		
5	64QAM	1	0	19.81	19.93	19.76		
5	64QAM	1	12	19.82	19.78	19.79	20.9	0
5	64QAM	1	24	19.87	19.77	19.68		
5	64QAM	12	0	18.92	18.88	18.86		
5	64QAM	12	7	18.95	18.95	18.78	20	0.9
5	64QAM	12	13	18.87	19.04	18.97		
5	64QAM	25	0	18.88	18.90	18.91		
5	256QAM	1	0	16.93	16.99	16.85		
5	256QAM	1	12	16.94	16.90	16.87	18	2.9
5	256QAM	1	24	16.82	16.98	16.89		
5	256QAM	12	0	16.98	16.86	16.89		
5	256QAM	12	7	16.94	16.96	16.86	18	2.9
5	256QAM	12	13	16.79	16.92	16.99		
5	256QAM	25	0	16.80	16.99	16.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.97	22.05	21.98	22.9	0
20	QPSK	1	49	21.81	21.88	21.87		
20	QPSK	1	99	21.82	21.83	21.78		
20	QPSK	50	0	21.91	21.93	21.87		
20	QPSK	50	24	21.72	21.81	21.73		
20	QPSK	50	50	21.79	21.79	21.84		
20	QPSK	100	0	21.91	21.92	21.84		
20	16QAM	1	0	21.75	21.76	21.82		
20	16QAM	1	49	21.72	21.73	21.73	22.9	0
20	16QAM	1	99	21.80	21.75	21.80		
20	16QAM	50	0	21.89	21.88	21.86		
20	16QAM	50	24	21.70	21.78	21.77	22.9	0
20	16QAM	50	50	21.94	21.74	21.78		
20	16QAM	100	0	21.81	21.77	21.76		
20	64QAM	1	0	20.88	20.88	20.94		
20	64QAM	1	49	20.94	20.90	20.87	22	0.9
20	64QAM	1	99	20.82	20.88	20.84		
20	64QAM	50	0	20.94	20.97	20.95		
20	64QAM	50	24	20.80	20.85	20.84	22	0.9
20	64QAM	50	50	20.94	20.87	20.90		
20	64QAM	100	0	20.90	20.88	20.87		
20	256QAM	1	0	17.96	17.93	17.89		
20	256QAM	1	49	17.97	18.00	17.94	19	3.9
20	256QAM	1	99	17.98	17.99	17.90		
20	256QAM	50	0	18.07	18.14	18.11		
20	256QAM	50	24	17.89	17.98	17.95		
20	256QAM	50	50	17.93	17.92	17.96	19	3.9
20	256QAM	100	0	17.94	17.95	17.94		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.86	21.87	21.79	22.9	0
15	QPSK	1	37	21.73	21.74	21.75		
15	QPSK	1	74	21.68	21.73	21.71		
15	QPSK	36	0	21.83	21.75	21.79		
15	QPSK	36	20	21.71	21.69	21.69	22.9	0
15	QPSK	36	39	21.78	21.73	21.74		
15	QPSK	75	0	21.74	21.76	21.73		
15	16QAM	1	0	21.76	21.76	21.71		
15	16QAM	1	37	21.64	21.69	21.68	22.9	0
15	16QAM	1	74	21.62	21.65	21.63		
15	16QAM	36	0	21.74	21.76	21.78		
15	16QAM	36	20	21.70	21.66	21.70	22.9	0
15	16QAM	36	39	21.71	21.69	21.66		
15	16QAM	75	0	21.66	21.74	21.69		
15	64QAM	1	0	20.84	20.88	20.78		
15	64QAM	1	37	20.77	20.87	20.85	22	0.9
15	64QAM	1	74	20.74	20.80	20.74		
15	64QAM	36	0	20.83	20.84	20.80		
15	64QAM	36	20	20.77	20.72	20.70	22	0.9
15	64QAM	36	39	20.76	20.84	20.77		
15	64QAM	75	0	20.79	20.81	20.81		
15	256QAM	1	0	17.79	17.81	17.86		
15	256QAM	1	37	17.86	17.90	17.85	19	3.9
15	256QAM	1	74	17.89	17.89	17.83		
15	256QAM	36	0	17.79	17.81	17.81		
15	256QAM	36	20	17.79	17.72	17.77	19	3.9
15	256QAM	36	39	17.78	17.83	17.79		
15	256QAM	75	0	17.85	17.88	17.84		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.84	21.87	21.89	22.9	0
10	QPSK	1	25	21.68	21.89	21.79		
10	QPSK	1	49	21.74	21.69	21.71		
10	QPSK	25	0	21.78	21.79	21.83		
10	QPSK	25	12	21.67	21.82	21.88	22.9	0
10	QPSK	25	25	21.71	21.72	21.76		
10	QPSK	50	0	21.76	21.75	21.79		
10	16QAM	1	0	21.67	21.87	21.76		
10	16QAM	1	25	21.62	21.71	21.65	22.9	0
10	16QAM	1	49	21.62	21.70	21.68		
10	16QAM	25	0	21.71	21.74	21.68		
10	16QAM	25	12	21.68	21.69	21.69	22.9	0
10	16QAM	25	25	21.71	21.71	21.69		
10	16QAM	50	0	21.65	21.72	21.72		
10	64QAM	1	0	20.88	20.77	20.78		
10	64QAM	1	25	20.87	20.78	20.82	22	0.9
10	64QAM	1	49	20.74	20.72	20.80		
10	64QAM	25	0	20.87	20.87	20.86		
10	64QAM	25	12	20.68	20.75	20.66	22	0.9
10	64QAM	25	25	20.79	20.75	20.76		
10	64QAM	50	0	20.78	20.80	20.86		
10	256QAM	1	0	17.83	17.89	17.83		
10	256QAM	1	25	17.84	17.86	17.81	19	3.9
10	256QAM	1	49	17.82	17.81	17.80		
10	256QAM	25	0	17.85	17.83	17.80		
10	256QAM	25	12	17.73	17.74	17.80	19	3.9
10	256QAM	25	25	17.86	17.81	17.79		
10	256QAM	50	0	17.85	17.87	17.90		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.82	21.76	21.83	22.9	0
5	QPSK	1	12	21.73	21.71	21.79		
5	QPSK	1	24	21.74	21.66	21.73		
5	QPSK	12	0	21.73	21.73	21.79		
5	QPSK	12	7	21.63	21.63	21.67	22.9	0
5	QPSK	12	13	21.77	21.70	21.77		
5	QPSK	25	0	21.77	21.78	21.76		
5	16QAM	1	0	21.69	21.72	21.71		
5	16QAM	1	12	21.67	21.69	21.64	22.9	0
5	16QAM	1	24	21.65	21.68	21.68		
5	16QAM	12	0	21.79	21.68	21.78		
5	16QAM	12	7	21.65	21.64	21.68	22.9	0
5	16QAM	12	13	21.73	21.67	21.72		
5	16QAM	25	0	21.74	21.67	21.76		
5	64QAM	1	0	20.81	20.82	20.86		
5	64QAM	1	12	20.73	20.83	20.83	22	0.9
5	64QAM	1	24	20.72	20.82	20.74		
5	64QAM	12	0	20.81	20.80	20.77		
5	64QAM	12	7	20.67	20.73	20.73	22	0.9
5	64QAM	12	13	20.86	20.86	20.84		
5	64QAM	25	0	20.85	20.79	20.85		
5	256QAM	1	0	17.83	17.84	17.81		
5	256QAM	1	12	17.89	17.83	17.86	19	3.9
5	256QAM	1	24	17.82	17.87	17.91		
5	256QAM	12	0	17.81	17.81	17.87		
5	256QAM	12	7	17.80	17.76	17.74	19	3.9
5	256QAM	12	13	17.86	17.86	17.81		
5	256QAM	25	0	17.94	17.88	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56640	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.90	22.13	22.06	22.01	22.9	0
20	QPSK	1	49	22.06	22.03	22.04	22.03		
20	QPSK	1	99	22.02	22.00	21.97	22.04		
20	QPSK	50	0	21.98	22.09	22.03	22.01		
20	QPSK	50	24	21.95	21.96	22.05	22.01	22.9	0
20	QPSK	50	50	22.06	22.05	22.01	21.98		
20	QPSK	100	0	22.06	22.07	22.04	22.00		
20	16QAM	1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.80	18.85	18.75	20.5	0
20	QPSK	1	49	18.66	18.63	18.65		
20	QPSK	1	99	18.65	18.68	18.64		
20	QPSK	50	0	18.66	18.78	18.71	20.5	0
20	QPSK	50	24	18.65	18.68	18.60		
20	QPSK	50	50	18.67	18.58	18.69		
20	QPSK	100	0	18.68	18.73	18.70		
20	16QAM	1	0	18.68	18.54	18.64		
20	16QAM	1	49	18.70	18.71	18.68	20.5	0
20	16QAM	1	99	18.58	18.59	18.60		
20	16QAM	50	0	18.79	18.75	18.77		
20	16QAM	50	24	18.79	18.70	18.68	20.5	0
20	16QAM	50	50	18.65	18.75	18.76		
20	16QAM	100	0	18.67	18.66	18.73		
20	64QAM	1	0	18.77	18.66	18.72		
20	64QAM	1	49	18.65	18.71	18.72	20.5	0
20	64QAM	1	99	18.67	18.64	18.63		
20	64QAM	50	0	18.76	18.78	18.73		
20	64QAM	50	24	18.68	18.63	18.71	20.5	0
20	64QAM	50	50	18.62	18.57	18.57		
20	64QAM	100	0	18.60	18.57	18.64		
20	256QAM	1	0	18.41	18.34	18.39	20	0.5
20	256QAM	1	49	18.26	18.23	18.24		
20	256QAM	1	99	18.25	18.30	18.33		
20	256QAM	50	0	18.23	18.25	18.27	20	0.5
20	256QAM	50	24	18.24	18.22	18.26		
20	256QAM	50	50	18.23	18.36	18.35		
20	256QAM	100	0	18.27	18.19	18.23		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.79	18.79	18.77	20.5	0
15	QPSK	1	37	18.58	18.65	18.61		
15	QPSK	1	74	18.54	18.70	18.61		
15	QPSK	36	0	18.88	18.73	18.65	20.5	0
15	QPSK	36	20	18.60	18.57	18.50		
15	QPSK	36	39	18.65	18.54	18.63		
15	QPSK	75	0	18.61	18.67	18.69		
15	16QAM	1	0	18.64	18.57	18.58	20.5	0
15	16QAM	1	37	18.71	18.63	18.62		
15	16QAM	1	74	18.56	18.54	18.62		
15	16QAM	36	0	18.59	18.66	18.68	20.5	0
15	16QAM	36	20	18.67	18.60	18.59		
15	16QAM	36	39	18.65	18.71	18.70		
15	16QAM	75	0	18.63	18.61	18.63		
15	64QAM	1	0	18.66	18.69	18.70	20.5	0
15	64QAM	1	37	18.57	18.59	18.67		
15	64QAM	1	74	18.59	18.65	18.62		
15	64QAM	36	0	18.66	18.69	18.65	20.5	0
15	64QAM	36	20	18.57	18.54	18.67		
15	64QAM	36	39	18.58	18.58	18.61		
15	64QAM	75	0	18.53	18.52	18.64		
15	256QAM	1	0	18.28	18.30	18.29	20	0.5
15	256QAM	1	37	18.24	18.15	18.26		
15	256QAM	1	74	18.17	18.30	18.29		
15	256QAM	36	0	18.18	18.22	18.31	20	0.5
15	256QAM	36	20	18.21	18.22	18.13		
15	256QAM	36	39	18.22	18.22	18.25		
15	256QAM	75	0	18.20	18.20	18.17		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.75	18.77	18.79	20.5	0
10	QPSK	1	25	18.54	18.59	18.54		
10	QPSK	1	49	18.56	18.70	18.56		
10	QPSK	25	0	18.70	18.70	18.65	20.5	0
10	QPSK	25	12	18.57	18.58	18.51		
10	QPSK	25	25	18.65	18.61	18.62		
10	QPSK	50	0	18.62	18.73	18.67		
10	16QAM	1	0	18.65	18.58	18.61	20.5	0
10	16QAM	1	25	18.73	18.68	18.66		
10	16QAM	1	49	18.55	18.52	18.55		
10	16QAM	25	0	18.61	18.72	18.64	20.5	0
10	16QAM	25	12	18.73	18.60	18.63		
10	16QAM	25	25	18.65	18.69	18.71		
10	16QAM	50	0	18.60	18.59	18.67		
10	64QAM	1	0	18.64	18.69	18.74	20.5	0
10	64QAM	1	25	18.60	18.59	18.67		
10	64QAM	1	49	18.60	18.67	18.60		
10	64QAM	25	0	18.65	18.69	18.62	20.5	0
10	64QAM	25	12	18.61	18.55	18.66		
10	64QAM	25	25	18.63	18.57	18.58		
10	64QAM	50	0	18.59	18.56	18.59		
10	256QAM	1	0	18.28	18.32	18.32	20	0.5
10	256QAM	1	25	18.24	18.16	18.19		
10	256QAM	1	49	18.22	18.22	18.28		
10	256QAM	25	0	18.20	18.19	18.23	20	0.5
10	256QAM	25	12	18.27	18.24	18.14		
10	256QAM	25	25	18.23	18.29	18.29		
10	256QAM	50	0	18.20	18.17	18.14		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	18.76	18.84	18.72	20.5	0
5	QPSK	1	12	18.63	18.61	18.59		
5	QPSK	1	24	18.58	18.70	18.52		
5	QPSK	12	0	18.65	18.73	18.68	20.5	0
5	QPSK	12	7	18.57	18.57	18.51		
5	QPSK	12	13	18.67	18.54	18.58		
5	QPSK	25	0	18.70	18.70	18.62	20.5	0
5	16QAM	1	0	18.63	18.54	18.58		
5	16QAM	1	12	18.74	18.64	18.61	20.5	0
5	16QAM	1	24	18.55	18.56	18.62		
5	16QAM	12	0	18.61	18.71	18.63	20.5	0
5	16QAM	12	7	18.68	18.63	18.59		
5	16QAM	12	13	18.63	18.68	18.59		
5	16QAM	25	0	18.59	18.63	18.62		
5	64QAM	1	0	18.69	18.63	18.67	20.5	0
5	64QAM	1	12	18.60	18.62	18.62		
5	64QAM	1	24	18.63	18.66	18.64		
5	64QAM	12	0	18.63	18.69	18.63	20.5	0
5	64QAM	12	7	18.56	18.59	18.54		
5	64QAM	12	13	18.59	18.54	18.52		
5	64QAM	25	0	18.52	18.52	18.68		
5	256QAM	1	0	18.27	18.35	18.36	20	0.5
5	256QAM	1	12	18.18	18.19	18.22		
5	256QAM	1	24	18.22	18.31	18.20		
5	256QAM	12	0	18.19	18.18	18.23	20	0.5
5	256QAM	12	7	18.22	18.26	18.19		
5	256QAM	12	13	18.24	18.26	18.22		
5	256QAM	25	0	18.18	18.16	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.40	20.45	20.38	21.7	0
20	QPSK	1	49	20.34	20.33	20.34		
20	QPSK	1	99	20.37	20.30	20.26		
20	QPSK	50	0	20.38	20.41	20.27	21.7	0
20	QPSK	50	24	20.29	20.32	20.30		
20	QPSK	50	50	20.28	20.35	20.37		
20	QPSK	100	0	20.38	20.39	20.36		
20	16QAM	1	0	20.36	20.35	20.31	21.7	0
20	16QAM	1	49	20.29	20.34	20.27		
20	16QAM	1	99	20.32	20.41	20.27		
20	16QAM	50	0	20.35	20.38	20.32	21.7	0
20	16QAM	50	24	20.30	20.35	20.29		
20	16QAM	50	50	20.28	20.30	20.32		
20	16QAM	100	0	20.39	20.32	20.27		
20	64QAM	1	0	20.35	20.30	20.27	21.7	0
20	64QAM	1	49	20.34	20.37	20.35		
20	64QAM	1	99	20.29	20.36	20.32		
20	64QAM	50	0	19.71	19.59	19.53	21	0.7
20	64QAM	50	24	19.59	19.62	19.57		
20	64QAM	50	50	19.57	19.68	19.68		
20	64QAM	100	0	19.66	19.57	19.64		
20	256QAM	1	0	17.71	17.69	17.55	19	2.7
20	256QAM	1	49	17.60	17.65	17.63		
20	256QAM	1	99	17.58	17.72	17.62		
20	256QAM	50	0	17.63	17.57	17.61	19	2.7
20	256QAM	50	24	17.60	17.63	17.64		
20	256QAM	50	50	17.63	17.72	17.66		
20	256QAM	100	0	17.69	17.64	17.55		
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.28	20.36	20.31	21.7	0
15	QPSK	1	37	20.24	20.26	20.22		
15	QPSK	1	74	20.33	20.14	20.18		
15	QPSK	36	0	20.22	20.29	20.14	21.7	0
15	QPSK	36	20	20.17	20.27	20.24		
15	QPSK	36	39	20.15	20.20	20.21		
15	QPSK	75	0	20.23	20.32	20.22		
15	16QAM	1	0	20.29	20.22	20.23	21.7	0
15	16QAM	1	37	20.17	20.23	20.15		
15	16QAM	1	74	20.17	20.30	20.19		
15	16QAM	36	0	20.23	20.26	20.20	21.7	0
15	16QAM	36	20	20.20	20.22	20.15		
15	16QAM	36	39	20.20	20.20	20.27		
15	16QAM	75	0	20.23	20.18	20.21		
15	64QAM	1	0	20.25	20.25	20.20	21.7	0
15	64QAM	1	37	20.22	20.22	20.29		
15	64QAM	1	74	20.22	20.32	20.23		
15	64QAM	36	0	19.56	19.52	19.45	21	0.7
15	64QAM	36	20	19.43	19.57	19.44		
15	64QAM	36	39	19.48	19.59	19.57		
15	64QAM	75	0	19.61	19.49	19.48		
15	256QAM	1	0	17.59	17.53	17.46	19	2.7
15	256QAM	1	37	17.47	17.57	17.49		
15	256QAM	1	74	17.48	17.63	17.58		
15	256QAM	36	0	17.53	17.46	17.48	19	2.7
15	256QAM	36	20	17.58	17.55	17.54		
15	256QAM	36	39	17.51	17.57	17.52		
15	256QAM	75	0	17.64	17.53	17.48		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.28	20.26	20.34	21.7	0
10	QPSK	1	25	20.27	20.37	20.28		
10	QPSK	1	49	20.29	20.18	20.19		
10	QPSK	25	0	20.22	20.27	20.21	21.7	0
10	QPSK	25	12	20.24	20.36	20.25		
10	QPSK	25	25	20.13	20.29	20.27		
10	QPSK	50	0	20.30	20.34	20.30		
10	16QAM	1	0	20.31	20.22	20.21	21.7	0
10	16QAM	1	25	20.20	20.22	20.13		
10	16QAM	1	49	20.24	20.29	20.14		
10	16QAM	25	0	20.28	20.22	20.25	21.7	0
10	16QAM	25	12	20.15	20.27	20.23		
10	16QAM	25	25	20.23	20.20	20.18		
10	16QAM	50	0	20.30	20.32	20.19		
10	64QAM	1	0	20.25	20.17	20.23	21.7	0
10	64QAM	1	25	20.19	20.28	20.19		
10	64QAM	1	49	20.19	20.27	20.24		
10	64QAM	25	0	19.62	19.54	19.46	21	0.7
10	64QAM	25	12	19.47	19.48	19.46		
10	64QAM	25	25	19.53	19.54	19.59		
10	64QAM	50	0	19.54	19.48	19.53		
10	256QAM	1	0	17.57	17.63	17.50	19	2.7
10	256QAM	1	25	17.54	17.60	17.57		
10	256QAM	1	49	17.48	17.61	17.53		
10	256QAM	25	0	17.50	17.49	17.55	19	2.7
10	256QAM	25	12	17.55	17.50	17.57		
10	256QAM	25	25	17.49	17.57	17.57		
10	256QAM	50	0	17.62	17.53	17.41		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.21	20.35	20.25	21.7	0
5	QPSK	1	12	20.28	20.19	20.18		
5	QPSK	1	24	20.24	20.15	20.13		
5	QPSK	12	0	20.32	20.36	20.22	21.7	0
5	QPSK	12	7	20.14	20.27	20.18		
5	QPSK	12	13	20.13	20.22	20.32		
5	QPSK	25	0	20.24	20.34	20.27		
5	16QAM	1	0	20.22	20.25	20.25	21.7	0
5	16QAM	1	12	20.16	20.23	20.15		
5	16QAM	1	24	20.25	20.22	20.22		
5	16QAM	12	0	20.22	20.26	20.22	21.7	0
5	16QAM	12	7	20.16	20.28	20.17		
5	16QAM	12	13	20.19	20.19	20.25		
5	16QAM	25	0	20.25	20.18	20.12		
5	64QAM	1	0	20.20	20.14	20.23	21.7	0
5	64QAM	1	12	20.22	20.29	20.29		
5	64QAM	1	24	20.14	20.23	20.26		
5	64QAM	12	0	19.67	19.48	19.41	21	0.7
5	64QAM	12	7	19.50	19.51	19.46		
5	64QAM	12	13	19.45	19.54	19.63		
5	64QAM	25	0	19.61	19.52	19.59		
5	256QAM	1	0	17.58	17.55	17.49	19	2.7
5	256QAM	1	12	17.48	17.53	17.57		
5	256QAM	1	24	17.42	17.67	17.57		
5	256QAM	12	0	17.51	17.50	17.51	19	2.7
5	256QAM	12	7	17.56	17.57	17.50		
5	256QAM	12	13	17.52	17.67	17.53		
5	256QAM	25	0	17.60	17.56	17.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43990	44300	44610		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	18.94	18.95	18.90	20.5	0
20	QPSK	1	49	18.73	18.76	18.72		
20	QPSK	1	99	18.71	18.81	18.72		
20	QPSK	50	0	18.81	18.85	18.80	20.5	0
20	QPSK	50	24	18.76	18.74	18.67		
20	QPSK	50	50	18.79	18.72	18.78		
20	QPSK	100	0	18.80	18.84	18.80		
20	16QAM	1	0	18.77	18.68	18.76	20.5	0
20	16QAM	1	49	18.85	18.81	18.80		
20	16QAM	1	99	18.67	18.70	18.75		
20	16QAM	50	0	18.77	18.84	18.82	20.5	0
20	16QAM	50	24	18.84	18.76	18.77		
20	16QAM	50	50	18.79	18.84	18.82		
20	16QAM	100	0	18.76	18.79	18.79		
20	64QAM	1	0	18.82	18.79	18.85	20.5	0
20	64QAM	1	49	18.71	18.76	18.78		
20	64QAM	1	99	18.78	18.78	18.77		
20	64QAM	50	0	18.81	18.86	18.82	20.5	0
20	64QAM	50	24	18.75	18.70	18.78		
20	64QAM	50	50	18.76	18.76	18.71		
20	64QAM	100	0	18.71	18.70	18.79		
20	256QAM	1	0	18.47	18.45	18.48	20	0.5
20	256QAM	1	49	18.38	18.29	18.36		
20	256QAM	1	99	18.36	18.42	18.40		
20	256QAM	50	0	18.34	18.34	18.42	20	0.5
20	256QAM	50	24	18.39	18.36	18.33		
20	256QAM	50	50	18.35	18.42	18.41		
20	256QAM	100	0	18.36	18.32	18.32		
Channel				43965	44300	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	18.78	18.87	18.82	20.5	0
15	QPSK	1	37	18.60	18.66	18.68		
15	QPSK	1	74	18.59	18.67	18.69		
15	QPSK	36	0	18.74	18.74	18.69	20.5	0
15	QPSK	36	20	18.62	18.68	18.67		
15	QPSK	36	39	18.63	18.68	18.65		
15	QPSK	75	0	18.71	18.75	18.69		
15	16QAM	1	0	18.60	18.67	18.61	20.5	0
15	16QAM	1	37	18.69	18.76	18.71		
15	16QAM	1	74	18.64	18.64	18.64		
15	16QAM	36	0	18.77	18.70	18.76	20.5	0
15	16QAM	36	20	18.72	18.74	18.73		
15	16QAM	36	39	18.70	18.67	18.65		
15	16QAM	75	0	18.62	18.61	18.65		
15	64QAM	1	0	18.70	18.66	18.73	20.5	0
15	64QAM	1	37	18.64	18.62	18.62		
15	64QAM	1	74	18.60	18.63	18.61		
15	64QAM	36	0	18.68	18.71	18.73	20.5	0
15	64QAM	36	20	18.60	18.68	18.58		
15	64QAM	36	39	18.67	18.68	18.71		
15	64QAM	75	0	18.64	18.65	18.65		
15	256QAM	1	0	18.38	18.33	18.35	20	0.5
15	256QAM	1	37	18.27	18.21	18.26		
15	256QAM	1	74	18.22	18.27	18.26		
15	256QAM	36	0	18.28	18.28	18.33	20	0.5
15	256QAM	36	20	18.23	18.27	18.22		
15	256QAM	36	39	18.29	18.32	18.27		
15	256QAM	75	0	18.23	18.29	18.25		
Channel				43940	44300	44660	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	18.86	18.79	18.85	20.5	0
10	QPSK	1	25	18.67	18.60	18.63		
10	QPSK	1	49	18.69	18.65	18.63		
10	QPSK	25	0	18.76	18.77	18.72	20.5	0
10	QPSK	25	12	18.68	18.68	18.65		
10	QPSK	25	25	18.69	18.68	18.67		
10	QPSK	50	0	18.75	18.74	18.77		
10	16QAM	1	0	18.68	18.60	18.63	20.5	0
10	16QAM	1	25	18.79	18.75	18.71		
10	16QAM	1	49	18.62	18.57	18.63		
10	16QAM	25	0	18.74	18.68	18.69	20.5	0
10	16QAM	25	12	18.75	18.67	18.71		
10	16QAM	25	25	18.67	18.76	18.67		
10	16QAM	50	0	18.68	18.61	18.60		
10	64QAM	1	0	18.66	18.74	18.68	20.5	0
10	64QAM	1	25	18.64	18.68	18.60		
10	64QAM	1	49	18.66	18.69	18.59		
10	64QAM	25	0	18.69	18.71	18.64	20.5	0
10	64QAM	25	12	18.64	18.66	18.69		
10	64QAM	25	25	18.65	18.61	18.65		
10	64QAM	50	0	18.62	18.61	18.64		
10	256QAM	1	0	18.27	18.34	18.35	20	0.5
10	256QAM	1	25	18.24	18.26	18.25		
10	256QAM	1	49	18.28	18.21	18.23		
10	256QAM	25	0	18.27	18.32	18.32	20	0.5
10	256QAM	25	12	18.28	18.22	18.28		
10	256QAM	25	25	18.25	18.31	18.25		
10	256QAM	50	0	18.23	18.29	18.25		
Channel				43915	44300	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	18.84	18.82	18.77	20.5	0
5	QPSK	1	12	18.70	18.62	18.62		
5	QPSK	1	24	18.66	18.59	18.64		
5	QPSK	12	0	18.70	18.83	18.71	20.5	0
5	QPSK	12	7	18.64	18.64	18.63		
5	QPSK	12	13	18.58	18.57	18.63		
5	QPSK	25	0	18.77	18.77	18.72	20.5	0
5	16QAM	1	0	18.64	18.64	18.58		
5	16QAM	1	12	18.79	18.70	18.68	20.5	0
5	16QAM	1	24	18.62	18.62	18.67		
5	16QAM	12	0	18.74	18.71	18.70	20.5	0
5	16QAM	12	7	18.77	18.65	18.76		
5	16QAM	12	13	18.65	18.70	18.72		
5	16QAM	25	0	18.60	18.61	18.65		
5	64QAM	1	0	18.69	18.72	18.69	20.5	0
5	64QAM	1	12	18.66	18.65	18.65		
5	64QAM	1	24	18.69	18.69	18.67		
5	64QAM	12	0	18.72	18.66	18.69	20.5	0
5	64QAM	12	7	18.57	18.65	18.63		
5	64QAM	12	13	18.71	18.71	18.65		
5	64QAM	25	0	18.60	18.60	18.69		
5	256QAM	1	0	18.33	18.32	18.29	20	0.5
5	256QAM	1	12	18.30	18.18	18.25		
5	256QAM	1	24	18.25	18.30	18.24		
5	256QAM	12	0	18.25	18.28	18.31	20	0.5
5	256QAM	12	7	18.28	18.30	18.30		
5	256QAM	12	13	18.29	18.31	18.25		
5	256QAM	25	0	18.23	18.27	18.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.04	19.21	19.15	19.13	20.5	0
20	QPSK	1	49	19.02	19.04	19.07	19.10		
20	QPSK	1	99	19.09	19.05	19.03	19.03		
20	QPSK	50	0	19.10	19.15	19.05	19.07	20.5	0
20	QPSK	50	24	19.02	19.02	19.06	19.08		
20	QPSK	50	50	19.10	19.03	19.03	19.11		
20	QPSK	100	0	19.13	19.14	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.59	20.66	20.60	22.3	0
20	QPSK	1	49	20.53	20.59	20.52		
20	QPSK	1	99	20.54	20.48	20.44		
20	QPSK	50	0	20.62	20.64	20.56	22.3	0
20	QPSK	50	24	20.54	20.56	20.54		
20	QPSK	50	50	20.50	20.48	20.51		
20	QPSK	100	0	20.61	20.65	20.56		
20	16QAM	1	0	20.50	20.48	20.54		
20	16QAM	1	49	20.57	20.63	20.58	22.3	0
20	16QAM	1	99	20.58	20.55	20.49		
20	16QAM	50	0	20.37	20.33	20.30		
20	16QAM	50	24	20.23	20.25	20.30	22	0.3
20	16QAM	50	50	20.23	20.15	20.18		
20	16QAM	100	0	20.12	20.21	20.26		
20	64QAM	1	0	20.27	20.31	20.29	22	0.3
20	64QAM	1	49	20.12	20.14	20.15		
20	64QAM	1	99	20.19	20.28	20.17		
20	64QAM	50	0	19.35	19.33	19.35	21	1.3
20	64QAM	50	24	19.30	19.25	19.34		
20	64QAM	50	50	19.15	19.19	19.17		
20	64QAM	100	0	19.30	19.30	19.25		
20	256QAM	1	0	17.31	17.31	17.25	19	3.3
20	256QAM	1	49	17.30	17.30	17.22		
20	256QAM	1	99	17.17	17.21	17.16		
20	256QAM	50	0	17.25	17.20	17.25	19	3.3
20	256QAM	50	24	17.26	17.29	17.27		
20	256QAM	50	50	17.15	17.11	17.13		
20	256QAM	100	0	17.24	17.26	17.20		
Channel				43190	43340	43315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.58	20.57	20.58	22.3	0
15	QPSK	1	37	20.44	20.47	20.43		
15	QPSK	1	74	20.42	20.46	20.38		
15	QPSK	36	0	20.51	20.49	20.42	22.3	0
15	QPSK	36	20	20.43	20.39	20.43		
15	QPSK	36	39	20.39	20.42	20.43		
15	QPSK	75	0	20.46	20.51	20.40		
15	16QAM	1	0	20.34	20.41	20.42	22.3	0
15	16QAM	1	37	20.57	20.50	20.51		
15	16QAM	1	74	20.48	20.52	20.41		
15	16QAM	36	0	20.30	20.23	20.25	22	0.3
15	16QAM	36	20	20.15	20.16	20.17		
15	16QAM	36	39	20.15	20.00	20.11		
15	16QAM	75	0	20.03	20.07	20.20		
15	64QAM	1	0	20.26	20.25	20.19	22	0.3
15	64QAM	1	37	20.10	20.04	20.00		
15	64QAM	1	74	20.06	20.20	20.12		
15	64QAM	36	0	19.21	19.20	19.27	21	1.3
15	64QAM	36	20	19.19	19.18	19.24		
15	64QAM	36	39	19.05	19.06	19.13		
15	64QAM	75	0	19.13	19.22	19.19		
15	256QAM	1	0	17.21	17.23	17.18	19	3.3
15	256QAM	1	37	17.14	17.21	17.18		
15	256QAM	1	74	17.14	17.08	17.03		
15	256QAM	36	0	17.15	17.16	17.11	19	3.3
15	256QAM	36	20	17.16	17.17	17.17		
15	256QAM	36	39	17.03	17.02	17.05		
15	256QAM	75	0	17.13	17.11	17.11		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.54	20.55	20.53	22.3	0
10	QPSK	1	25	20.44	20.46	20.45		
10	QPSK	1	49	20.37	20.39	20.41		
10	QPSK	25	0	20.50	20.58	20.44	22.3	0
10	QPSK	25	12	20.47	20.40	20.47		
10	QPSK	25	25	20.39	20.35	20.44		
10	QPSK	50	0	20.47	20.48	20.44	22.3	0
10	16QAM	1	0	20.37	20.32	20.42		
10	16QAM	1	25	20.50	20.54	20.45		
10	16QAM	1	49	20.47	20.52	20.40		
10	16QAM	25	0	20.21	20.18	20.25	22	0.3
10	16QAM	25	12	20.13	20.09	20.12		
10	16QAM	25	25	20.11	20.00	20.06		
10	16QAM	50	0	20.10	20.11	20.22		
10	64QAM	1	0	20.22	20.22	20.16	22	0.3
10	64QAM	1	25	20.09	20.01	20.07		
10	64QAM	1	49	20.08	20.18	20.05		
10	64QAM	25	0	19.20	19.18	19.25	21	1.3
10	64QAM	25	12	19.15	19.09	19.24		
10	64QAM	25	25	19.04	19.13	19.11		
10	64QAM	50	0	19.15	19.25	19.21		
10	256QAM	1	0	17.21	17.20	17.22	19	3.3
10	256QAM	1	25	17.14	17.20	17.20		
10	256QAM	1	49	17.06	17.12	17.05		
10	256QAM	25	0	17.17	17.10	17.13	19	3.3
10	256QAM	25	12	17.13	17.13	17.13		
10	256QAM	25	25	17.05	17.06	17.06		
10	256QAM	50	0	17.12	17.12	17.12		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.52	20.50	20.54	22.3	0
5	QPSK	1	12	20.48	20.45	20.41		
5	QPSK	1	24	20.41	20.40	20.35		
5	QPSK	12	0	20.53	20.50	20.50	22.3	0
5	QPSK	12	7	20.49	20.37	20.45		
5	QPSK	12	13	20.31	20.40	20.35		
5	QPSK	25	0	20.45	20.50	20.47	22.3	0
5	16QAM	1	0	20.37	20.34	20.35		
5	16QAM	1	12	20.54	20.49	20.49		
5	16QAM	1	24	20.53	20.42	20.42		
5	16QAM	12	0	20.22	20.21	20.29	22	0.3
5	16QAM	12	7	20.12	20.09	20.19		
5	16QAM	12	13	20.15	20.02	20.08		
5	16QAM	25	0	20.07	20.08	20.23		
5	64QAM	1	0	20.24	20.28	20.18	22	0.3
5	64QAM	1	12	20.03	20.01	20.05		
5	64QAM	1	24	20.07	20.16	20.04		
5	64QAM	12	0	19.20	19.15	19.19	21	1.3
5	64QAM	12	7	19.15	19.13	19.22		
5	64QAM	12	13	19.09	19.05	19.04		
5	64QAM	25	0	19.17	19.20	19.22		
5	256QAM	1	0	17.27	17.19	17.16	19	3.3
5	256QAM	1	12	17.13	17.19	17.18		
5	256QAM	1	24	17.06	17.08	17.12		
5	256QAM	12	0	17.16	17.10	17.09	19	3.3
5	256QAM	12	7	17.12	17.14	17.20		
5	256QAM	12	13	17.07	17.04	17.01		
5	256QAM	25	0	17.19	17.20	17.11		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.73	19.78	19.68	21.1	0
20	QPSK	1	49	19.70	19.69	19.65		
20	QPSK	1	99	19.69	19.70	19.59		
20	QPSK	50	0	19.68	19.75	19.60	21.1	0
20	QPSK	50	24	19.67	19.70	19.65		
20	QPSK	50	50	19.71	19.68	19.64		
20	QPSK	100	0	19.70	19.72	19.70		
20	16QAM	1	0	19.72	19.74	19.66	21.1	0
20	16QAM	1	49	19.62	19.73	19.70		
20	16QAM	1	99	19.63	19.69	19.56		
20	16QAM	50	0	19.60	19.72	19.56	21	0.1
20	16QAM	50	24	19.63	19.59	19.59		
20	16QAM	50	50	19.61	19.58	19.48		
20	16QAM	100	0	19.54	19.53	19.49		
20	64QAM	1	0	19.56	19.55	19.50	21	0.1
20	64QAM	1	49	19.60	19.61	19.53		
20	64QAM	1	99	19.57	19.63	19.60		
20	64QAM	50	0	18.86	18.64	18.56	20	1.1
20	64QAM	50	24	18.58	18.55	18.57		
20	64QAM	50	50	18.63	18.58	18.48		
20	64QAM	100	0	18.58	18.53	18.46		
20	256QAM	1	0	16.64	16.72	16.60	18	3.1
20	256QAM	1	49	16.57	16.59	16.51		
20	256QAM	1	99	16.58	16.62	16.44		
20	256QAM	50	0	16.63	16.63	16.54	18	3.1
20	256QAM	50	24	16.53	16.66	16.50		
20	256QAM	50	50	16.60	16.58	16.50		
20	256QAM	100	0	16.57	16.67	16.57		
Channel				42190	42590	42915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.59	19.64	19.64	21.1	0
15	QPSK	1	37	19.62	19.62	19.59		
15	QPSK	1	74	19.55	19.65	19.53		
15	QPSK	36	0	19.57	19.61	19.50	21.1	0
15	QPSK	36	20	19.57	19.64	19.50		
15	QPSK	36	39	19.59	19.53	19.56		
15	QPSK	75	0	19.55	19.58	19.58		
15	16QAM	1	0	19.61	19.70	19.55	21.1	0
15	16QAM	1	37	19.50	19.58	19.62		
15	16QAM	1	74	19.58	19.63	19.54		
15	16QAM	36	0	19.53	19.61	19.43	21	0.1
15	16QAM	36	20	19.57	19.48	19.51		
15	16QAM	36	39	19.53	19.49	19.38		
15	16QAM	75	0	19.48	19.49	19.38		
15	64QAM	1	0	19.47	19.41	19.45	21	0.1
15	64QAM	1	37	19.48	19.53	19.39		
15	64QAM	1	74	19.51	19.56	19.51		
15	64QAM	36	0	18.61	18.53	18.43	20	1.1
15	64QAM	36	20	18.42	18.46	18.44		
15	64QAM	36	39	18.50	18.49	18.31		
15	64QAM	75	0	18.48	18.47	18.34		
15	256QAM	1	0	16.55	16.60	16.52	18	3.1
15	256QAM	1	37	16.51	16.56	16.38		
15	256QAM	1	74	16.53	16.51	16.29		
15	256QAM	36	0	16.58	16.57	16.43	18	3.1
15	256QAM	36	20	16.39	16.56	16.45		
15	256QAM	36	39	16.51	16.50	16.44		
15	256QAM	75	0	16.42	16.53	16.49		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.62	19.66	19.53	21.1	0
10	QPSK	1	25	19.59	19.64	19.54		
10	QPSK	1	49	19.63	19.64	19.48		
10	QPSK	25	0	19.55	19.67	19.54	21.1	0
10	QPSK	25	12	19.59	19.62	19.61		
10	QPSK	25	25	19.63	19.56	19.53		
10	QPSK	50	0	19.54	19.62	19.56		
10	16QAM	1	0	19.61	19.68	19.53	21.1	0
10	16QAM	1	25	19.48	19.66	19.68		
10	16QAM	1	49	19.49	19.56	19.54		
10	16QAM	25	0	19.50	19.62	19.51	21	0.1
10	16QAM	25	12	19.50	19.49	19.47		
10	16QAM	25	25	19.48	19.45	19.44		
10	16QAM	50	0	19.40	19.38	19.37		
10	64QAM	1	0	19.48	19.46	19.41	21	0.1
10	64QAM	1	25	19.47	19.55	19.38		
10	64QAM	1	49	19.52	19.51	19.47		
10	64QAM	25	0	18.82	18.54	18.46	20	1.1
10	64QAM	25	12	18.44	18.39	18.42		
10	64QAM	25	25	18.54	18.48	18.32		
10	64QAM	50	0	18.44	18.43	18.31		
10	256QAM	1	0	16.54	16.64	16.56	18	3.1
10	256QAM	1	25	16.41	16.56	16.42		
10	256QAM	1	49	16.49	16.48	16.30		
10	256QAM	25	0	16.52	16.51	16.46	18	3.1
10	256QAM	25	12	16.46	16.50	16.40		
10	256QAM	25	25	16.56	16.54	16.36		
10	256QAM	50	0	16.42	16.53	16.45		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.59	19.73	19.60	21.1	0
5	QPSK	1	12	19.66	19.58	19.52		
5	QPSK	1	24	19.56	19.58	19.54		
5	QPSK	12	0	19.53	19.66	19.56	21.1	0
5	QPSK	12	7	19.53	19.64	19.52		
5	QPSK	12	13	19.62	19.54	19.58		
5	QPSK	25	0	19.60	19.61	19.57	21.1	0
5	16QAM	1	0	19.62	19.70	19.61		
5	16QAM	1	12	19.57	19.66	19.57		
5	16QAM	1	24	19.60	19.48	19.58		
5	16QAM	12	0	19.44	19.60	19.45	21	0.1
5	16QAM	12	7	19.47	19.52	19.45		
5	16QAM	12	13	19.52	19.34	19.34		
5	16QAM	25	0	19.45	19.48	19.38		
5	64QAM	1	0	19.47	19.45	19.42	21	0.1
5	64QAM	1	12	19.48	19.58	19.41		
5	64QAM	1	24	19.43	19.55	19.45		
5	64QAM	12	0	18.58	18.50	18.42	20	1.1
5	64QAM	12	7	18.51	18.46	18.41		
5	64QAM	12	13	18.54	18.45	18.33		
5	64QAM	25	0	18.47	18.48	18.40		
5	256QAM	1	0	16.49	16.65	16.49	18	3.1
5	256QAM	1	12	16.45	16.48	16.45		
5	256QAM	1	24	16.42	16.56	16.35		
5	256QAM	12	0	16.54	16.55	16.44	18	3.1
5	256QAM	12	7	16.40	16.59	16.41		
5	256QAM	12	13	16.50	16.48	16.41		
5	256QAM	25	0	16.48	16.54	16.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44060	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.83	20.85	20.83	22.3	0
20	QPSK	1	49	20.75	20.78	20.75		
20	QPSK	1	99	20.70	20.72	20.67		
20	QPSK	50	0	20.80	20.84	20.77	22.3	0
20	QPSK	50	24	20.78	20.72	20.74		
20	QPSK	50	50	20.66	20.69	20.69		
20	QPSK	100	0	20.79	20.81	20.75		
20	16QAM	1	0	20.65	20.67	20.70		
20	16QAM	1	49	20.82	20.80	20.77	22.3	0
20	16QAM	1	99	20.80	20.79	20.69		
20	16QAM	50	0	20.55	20.52	20.54		
20	16QAM	50	24	20.41	20.43	20.46	22	0.3
20	16QAM	50	50	20.41	20.34	20.39		
20	16QAM	100	0	20.37	20.40	20.49		
20	64QAM	1	0	20.52	20.55	20.47	22	0.3
20	64QAM	1	49	20.36	20.31	20.35		
20	64QAM	1	99	20.40	20.47	20.38		
20	64QAM	50	0	19.53	19.50	19.53	21	1.3
20	64QAM	50	24	19.46	19.44	19.51		
20	64QAM	50	50	19.38	19.39	19.38		
20	64QAM	100	0	19.47	19.55	19.48		
20	256QAM	1	0	17.53	17.51	17.49	19	3.3
20	256QAM	1	49	17.46	17.53	17.46		
20	256QAM	1	99	17.40	17.42	17.38		
20	256QAM	50	0	17.44	17.43	17.41	19	3.3
20	256QAM	50	24	17.45	17.46	17.46		
20	256QAM	50	50	17.32	17.33	17.34		
20	256QAM	100	0	17.44	17.46	17.42		
Channel				43665	44060	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.78	20.71	20.78	22.3	0
15	QPSK	1	37	20.63	20.65	20.68		
15	QPSK	1	74	20.54	20.57	20.63		
15	QPSK	36	0	20.75	20.70	20.74	22.3	0
15	QPSK	36	20	20.62	20.70	20.62		
15	QPSK	36	39	20.63	20.58	20.58		
15	QPSK	75	0	20.64	20.73	20.66		
15	16QAM	1	0	20.61	20.54	20.56	22.3	0
15	16QAM	1	37	20.64	20.67	20.64		
15	16QAM	1	74	20.62	20.67	20.70		
15	16QAM	36	0	20.49	20.42	20.48	22	0.3
15	16QAM	36	20	20.26	20.32	20.33		
15	16QAM	36	39	20.27	20.21	20.23		
15	16QAM	75	0	20.30	20.27	20.30		
15	64QAM	1	0	20.45	20.37	20.36	22	0.3
15	64QAM	1	37	20.24	20.28	20.25		
15	64QAM	1	74	20.26	20.33	20.34		
15	64QAM	36	0	19.39	19.43	19.44	21	1.3
15	64QAM	36	20	19.30	19.37	19.39		
15	64QAM	36	39	19.29	19.30	19.31		
15	64QAM	75	0	19.37	19.36	19.47		
15	256QAM	1	0	17.39	17.33	17.37	19	3.3
15	256QAM	1	37	17.41	17.33	17.36		
15	256QAM	1	74	17.30	17.22	17.29		
15	256QAM	36	0	17.33	17.31	17.37	19	3.3
15	256QAM	36	20	17.32	17.37	17.35		
15	256QAM	36	39	17.18	17.28	17.18		
15	256QAM	75	0	17.31	17.32	17.30		
Channel				43640	44060	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.78	20.80	20.72	22.3	0
10	QPSK	1	25	20.68	20.66	20.62		
10	QPSK	1	49	20.56	20.57	20.62		
10	QPSK	25	0	20.72	20.67	20.74	22.3	0
10	QPSK	25	12	20.68	20.47	20.62		
10	QPSK	25	25	20.53	20.55	20.62		
10	QPSK	50	0	20.71	20.67	20.66		
10	16QAM	1	0	20.62	20.58	20.63	22.3	0
10	16QAM	1	25	20.71	20.69	20.66		
10	16QAM	1	49	20.60	20.70	20.62		
10	16QAM	25	0	20.43	20.44	20.38	22	0.3
10	16QAM	25	12	20.34	20.35	20.27		
10	16QAM	25	25	20.23	20.25	20.21		
10	16QAM	50	0	20.28	20.33	20.34		
10	64QAM	1	0	20.43	20.45	20.35	22	0.3
10	64QAM	1	25	20.23	20.27	20.20		
10	64QAM	1	49	20.29	20.30	20.34		
10	64QAM	25	0	19.44	19.44	19.40	21	1.3
10	64QAM	25	12	19.35	19.35	19.32		
10	64QAM	25	25	19.23	19.22	19.19		
10	64QAM	50	0	19.36	19.39	19.42		
10	256QAM	1	0	17.32	17.37	17.35	19	3.3
10	256QAM	1	25	17.32	17.42	17.37		
10	256QAM	1	49	17.28	17.32	17.32		
10	256QAM	25	0	17.34	17.39	17.36	19	3.3
10	256QAM	25	12	17.39	17.35	17.39		
10	256QAM	25	25	17.28	17.27	17.23		
10	256QAM	50	0	17.30	17.29	17.38		
Channel				43615	44060	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.79	20.75	20.74	22.3	0
5	QPSK	1	12	20.70	20.69	20.64		
5	QPSK	1	24	20.54	20.59	20.55		
5	QPSK	12	0	20.66	20.64	20.72	22.3	0
5	QPSK	12	7	20.67	20.61	20.67		
5	QPSK	12	13	20.64	20.60	20.64		
5	QPSK	25	0	20.71	20.71	20.64	22.3	0
5	16QAM	1	0	20.54	20.58	20.65		
5	16QAM	1	12	20.66	20.70	20.66		
5	16QAM	1	24	20.68	20.64	20.68		
5	16QAM	12	0	20.45	20.45	20.40	22	0.3
5	16QAM	12	7	20.38	20.28	20.32		
5	16QAM	12	13	20.28	20.29	20.25		
5	16QAM	25	0	20.34	20.32	20.27		
5	64QAM	1	0	20.35	20.43	20.46	22	0.3
5	64QAM	1	12	20.28	20.29	20.36		
5	64QAM	1	24	20.30	20.35	20.29		
5	64QAM	12	0	19.42	19.44	19.43	21	1.3
5	64QAM	12	7	19.31	19.41	19.42		
5	64QAM	12	13	19.26	19.29	19.20		
5	64QAM	25	0	19.40	19.41	19.42		
5	256QAM	1	0	17.43	17.41	17.42	19	3.3
5	256QAM	1	12	17.43	17.33	17.33		
5	256QAM	1	24	17.32	17.23	17.31		
5	256QAM	12	0	17.34	17.37	17.30	19	3.3
5	256QAM	12	7	17.33	17.33	17.33		
5	256QAM	12	13	17.18	17.21	17.23		
5	256QAM	25	0	17.34	17.36	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.15	21.24	21.16	21.13	22.3	0
20	QPSK	1	49	21.14	21.16	21.16	21.12		
20	QPSK	1	99	21.18	21.09	21.12	21.19		
20	QPSK	50	0	21.18	21.19	21.12	21.17	22.3	0
20	QPSK	50	24	21.10	21.17	21.16	21.17		
20	QPSK	50	50	21.11	21.08	21.09	21.18		
20	QPSK	100	0	21.10	21.18	21.08	21.08		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.56	18.63	18.57	20.1	0
20	QPSK	1	49	18.51	18.49	18.60		
20	QPSK	1	99	18.47	18.50	18.51		
20	QPSK	50	0	18.60	18.61	18.52	20.1	0
20	QPSK	50	24	18.47	18.45	18.47		
20	QPSK	50	50	18.53	18.41	18.39		
20	QPSK	100	0	18.53	18.60	18.56		
20	16QAM	1	0	18.45	18.47	18.42	20.1	0
20	16QAM	1	49	18.43	18.46	18.44		
20	16QAM	1	99	18.48	18.42	18.56		
20	16QAM	50	0	18.50	18.44	18.48	20.1	0
20	16QAM	50	24	18.55	18.49	18.55		
20	16QAM	50	50	18.38	18.52	18.42		
20	16QAM	100	0	18.53	18.49	18.59		
20	64QAM	1	0	18.47	18.41	18.50	20.1	0
20	64QAM	1	49	18.49	18.41	18.42		
20	64QAM	1	99	18.49	18.53	18.42		
20	64QAM	50	0	18.45	18.46	18.44	20.1	0
20	64QAM	50	24	18.53	18.51	18.47		
20	64QAM	50	50	18.48	18.42	18.46		
20	64QAM	100	0	18.43	18.50	18.47		
20	256QAM	1	0	17.45	17.44	17.42	19	1.1
20	256QAM	1	49	17.33	17.42	17.46		
20	256QAM	1	99	17.40	17.43	17.43		
20	256QAM	50	0	17.34	17.36	17.48	19	1.1
20	256QAM	50	24	17.24	17.34	17.31		
20	256QAM	50	50	17.44	17.52	17.54		
20	256QAM	100	0	17.40	17.44	17.39		
Channel				43190	43340	43310	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.49	18.40	18.45	20.1	0
15	QPSK	1	37	18.42	18.43	18.46		
15	QPSK	1	74	18.42	18.38	18.43		
15	QPSK	36	0	18.53	18.50	18.47	20.1	0
15	QPSK	36	20	18.35	18.32	18.40		
15	QPSK	36	39	18.45	18.31	18.32		
15	QPSK	75	0	18.44	18.46	18.43		
15	16QAM	1	0	18.33	18.35	18.27	20.1	0
15	16QAM	1	37	18.33	18.32	18.33		
15	16QAM	1	74	18.36	18.28	18.47		
15	16QAM	36	0	18.46	18.32	18.44	20.1	0
15	16QAM	36	20	18.44	18.35	18.49		
15	16QAM	36	39	18.31	18.41	18.28		
15	16QAM	75	0	18.45	18.40	18.51		
15	64QAM	1	0	18.42	18.30	18.40	20.1	0
15	64QAM	1	37	18.40	18.28	18.33		
15	64QAM	1	74	18.43	18.48	18.33		
15	64QAM	36	0	18.30	18.34	18.34	20.1	0
15	64QAM	36	20	18.41	18.44	18.32		
15	64QAM	36	39	18.34	18.35	18.34		
15	64QAM	75	0	18.29	18.40	18.37		
15	256QAM	1	0	17.30	17.31	17.28	19	1.1
15	256QAM	1	37	17.24	17.35	17.35		
15	256QAM	1	74	17.29	17.38	17.30		
15	256QAM	36	0	17.23	17.27	17.38	19	1.1
15	256QAM	36	20	17.19	17.36	17.24		
15	256QAM	36	39	17.32	17.40	17.39		
15	256QAM	75	0	17.27	17.31	17.30		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.46	18.46	18.52	20.1	0
10	QPSK	1	25	18.35	18.40	18.54		
10	QPSK	1	49	18.36	18.37	18.39		
10	QPSK	25	0	18.47	18.51	18.45	20.1	0
10	QPSK	25	12	18.34	18.43	18.42		
10	QPSK	25	25	18.46	18.29	18.24		
10	QPSK	50	0	18.46	18.53	18.43	20.1	0
10	16QAM	1	0	18.37	18.38	18.27		
10	16QAM	1	25	18.31	18.31	18.35		
10	16QAM	1	49	18.40	18.37	18.42		
10	16QAM	25	0	18.45	18.37	18.33	20.1	0
10	16QAM	25	12	18.50	18.34	18.48		
10	16QAM	25	25	18.28	18.46	18.37		
10	16QAM	50	0	18.46	18.40	18.50		
10	64QAM	1	0	18.38	18.26	18.35	20.1	0
10	64QAM	1	25	18.35	18.33	18.33		
10	64QAM	1	49	18.39	18.44	18.33		
10	64QAM	25	0	18.30	18.30	18.32	20.1	0
10	64QAM	25	12	18.41	18.39	18.38		
10	64QAM	25	25	18.37	18.34	18.46		
10	64QAM	50	0	18.29	18.36	18.37		
10	256QAM	1	0	17.32	17.37	17.34	19	1.1
10	256QAM	1	25	17.17	17.34	17.36		
10	256QAM	1	49	17.35	17.33	17.29		
10	256QAM	25	0	17.29	17.32	17.33	19	1.1
10	256QAM	25	12	17.22	17.25	17.32		
10	256QAM	25	25	17.32	17.38	17.41		
10	256QAM	50	0	17.31	17.28	17.35		
Channel				43115	43240	43365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	18.46	18.47	18.44	20.1	0
5	QPSK	1	12	18.35	18.34	18.56		
5	QPSK	1	24	18.39	18.41	18.36		
5	QPSK	12	0	18.45	18.47	18.37	20.1	0
5	QPSK	12	7	18.37	18.35	18.40		
5	QPSK	12	13	18.43	18.29	18.25		
5	QPSK	25	0	18.42	18.48	18.49	20.1	0
5	16QAM	1	0	18.37	18.41	18.26		
5	16QAM	1	12	18.31	18.40	18.35		
5	16QAM	1	24	18.41	18.36	18.51		
5	16QAM	12	0	18.35	18.35	18.36	20.1	0
5	16QAM	12	7	18.48	18.35	18.42		
5	16QAM	12	13	18.29	18.45	18.31		
5	16QAM	25	0	18.49	18.42	18.43		
5	64QAM	1	0	18.42	18.35	18.45	20.1	0
5	64QAM	1	12	18.41	18.32	18.26		
5	64QAM	1	24	18.42	18.41	18.28		
5	64QAM	12	0	18.39	18.39	18.33	20.1	0
5	64QAM	12	7	18.40	18.42	18.29		
5	64QAM	12	13	18.37	18.30	18.38		
5	64QAM	25	0	18.36	18.43	18.36		
5	256QAM	1	0	17.35	17.32	17.27	19	1.1
5	256QAM	1	12	17.19	17.29	17.35		
5	256QAM	1	24	17.31	17.36	17.35		
5	256QAM	12	0	17.29	17.26	17.43	19	1.1
5	256QAM	12	7	17.16	17.25	17.22		
5	256QAM	12	13	17.32	17.40	17.43		
5	256QAM	25	0	17.35	17.39	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42490	42990		
Frequency (MHz)				3460	3550	3540		
20	QPSK	1	0	22.35	22.53	22.25	23.5	0
20	QPSK	1	49	22.37	22.38	22.27		
20	QPSK	1	99	22.30	22.42	22.32		
20	QPSK	50	0	21.88	21.95	21.73	23	0.5
20	QPSK	50	24	21.89	21.90	21.76		
20	QPSK	50	50	21.78	21.93	21.80		
20	QPSK	100	0	21.90	22.00	21.76		
20	16QAM	1	0	21.87	21.90	21.82	23	0.5
20	16QAM	1	49	21.87	21.88	21.79		
20	16QAM	1	99	21.83	21.89	21.79		
20	16QAM	50	0	20.81	20.93	20.76	22	1.5
20	16QAM	50	24	20.85	20.83	20.82		
20	16QAM	50	50	20.83	20.98	20.86		
20	16QAM	100	0	20.90	20.93	20.75		
20	64QAM	1	0	20.92	20.84	20.86	22	1.5
20	64QAM	1	49	20.93	20.91	20.74		
20	64QAM	1	99	20.84	20.99	20.76		
20	64QAM	50	0	19.90	19.89	19.76	21	2.5
20	64QAM	50	24	19.86	19.85	19.82		
20	64QAM	50	50	19.78	19.94	19.79		
20	64QAM	100	0	19.87	19.96	19.77		
20	256QAM	1	0	17.80	17.91	17.72	19	4.5
20	256QAM	1	49	17.92	17.83	17.83		
20	256QAM	1	99	17.83	17.94	17.85		
20	256QAM	50	0	17.94	18.03	17.75	19	4.5
20	256QAM	50	24	17.84	17.87	17.86		
20	256QAM	50	50	17.83	17.90	17.79		
20	256QAM	100	0	17.88	17.93	17.79		
Channel				42165	42490	42815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3550	3542.5		
15	QPSK	1	0	22.23	22.35	22.17	23.5	0
15	QPSK	1	37	22.21	22.33	22.15		
15	QPSK	1	74	22.17	22.38	22.22		
15	QPSK	36	0	21.83	21.84	21.63	23	0.5
15	QPSK	36	20	21.84	21.77	21.81		
15	QPSK	36	39	21.85	21.88	21.71		
15	QPSK	75	0	21.84	21.85	21.68		
15	16QAM	1	0	21.72	21.84	21.69	23	0.5
15	16QAM	1	37	21.80	21.82	21.73		
15	16QAM	1	74	21.71	21.76	21.74		
15	16QAM	36	0	20.75	20.83	20.63	22	1.5
15	16QAM	36	20	20.81	20.71	20.73		
15	16QAM	36	39	20.73	20.82	20.74		
15	16QAM	75	0	20.82	20.89	20.68		
15	64QAM	1	0	20.80	20.77	20.82	22	1.5
15	64QAM	1	37	20.78	20.77	20.69		
15	64QAM	1	74	20.69	20.91	20.61		
15	64QAM	36	0	19.83	19.77	19.64	21	2.5
15	64QAM	36	20	19.72	19.81	19.72		
15	64QAM	36	39	19.68	19.79	19.66		
15	64QAM	75	0	19.79	19.85	19.68		
15	256QAM	1	0	17.85	17.87	17.80	19	4.5
15	256QAM	1	37	17.86	17.75	17.77		
15	256QAM	1	74	17.70	17.79	17.72		
15	256QAM	36	0	17.89	17.93	17.81	19	4.5
15	256QAM	36	20	17.75	17.80	17.73		
15	256QAM	36	39	17.89	17.76	17.65		
15	256QAM	75	0	17.81	17.79	17.68		
Channel				42140	42490	42840	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3550	3545		
10	QPSK	1	0	22.30	22.30	22.10	23.5	0
10	QPSK	1	25	22.25	22.33	22.15		
10	QPSK	1	49	22.15	22.30	22.17		
10	QPSK	25	0	21.73	21.84	21.62	23	0.5
10	QPSK	25	12	21.76	21.90	21.68		
10	QPSK	25	25	21.62	21.82	21.71		
10	QPSK	50	0	21.75	21.88	21.72	23	0.5
10	16QAM	1	0	21.77	21.76	21.72		
10	16QAM	1	25	21.77	21.73	21.74		
10	16QAM	1	49	21.76	21.76	21.73		
10	16QAM	25	0	20.76	20.86	20.66	22	1.5
10	16QAM	25	12	20.79	20.77	20.76		
10	16QAM	25	25	20.70	20.93	20.73		
10	16QAM	50	0	20.83	20.81	20.69		
10	64QAM	1	0	20.80	20.70	20.82	22	1.5
10	64QAM	1	25	20.87	20.85	20.66		
10	64QAM	1	49	20.77	20.93	20.68		
10	64QAM	25	0	19.84	19.75	19.72	21	2.5
10	64QAM	25	12	19.76	19.76	19.72		
10	64QAM	25	25	19.62	19.89	19.71		
10	64QAM	50	0	19.82	19.90	19.62		
10	256QAM	1	0	17.68	17.76	17.63	19	4.5
10	256QAM	1	25	17.62	17.75	17.71		
10	256QAM	1	49	17.76	17.80	17.78		
10	256QAM	25	0	17.81	17.97	17.68	19	4.5
10	256QAM	25	12	17.73	17.80	17.78		
10	256QAM	25	25	17.72	17.82	17.70		
10	256QAM	50	0	17.80	17.78	17.74		
Channel				42115	42490	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3550	3547.5		
5	QPSK	1	0	22.29	22.32	22.07	23.5	0
5	QPSK	1	12	22.30	22.33	22.15		
5	QPSK	1	24	22.19	22.30	22.22		
5	QPSK	12	0	21.83	21.88	21.63	23	0.5
5	QPSK	12	7	21.80	21.82	21.72		
5	QPSK	12	13	21.67	21.80	21.68		
5	QPSK	25	0	21.79	21.87	21.66		
5	16QAM	1	0	21.81	21.84	21.68	23	0.5
5	16QAM	1	12	21.82	21.82	21.71		
5	16QAM	1	24	21.68	21.84	21.64		
5	16QAM	12	0	20.72	20.84	20.63	22	1.5
5	16QAM	12	7	20.75	20.76	20.70		
5	16QAM	12	13	20.77	20.78	20.78		
5	16QAM	25	0	20.81	20.80	20.61		
5	64QAM	1	0	20.77	20.76	20.77	22	1.5
5	64QAM	1	12	20.82	20.81	20.64		
5	64QAM	1	24	20.70	20.87	20.67		
5	64QAM	12	0	19.75	19.83	19.64	21	2.5
5	64QAM	12	7	19.77	19.78	19.71		
5	64QAM	12	13	19.72	19.89	19.67		
5	64QAM	25	0	19.80	19.89	19.67		
5	256QAM	1	0	17.69	17.81	17.62	19	4.5
5	256QAM	1	12	17.80	17.79	17.72		
5	256QAM	1	24	17.76	17.90	17.74		
5	256QAM	12	0	17.82	17.87	17.65	19	4.5
5	256QAM	12	7	17.71	17.77	17.81		
5	256QAM	12	13	17.69	17.79	17.73		
5	256QAM	25	0	17.73	17.85	17.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44060	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.07	19.11	19.06	20.1	0
20	QPSK	1	49	18.98	19.02	19.05		
20	QPSK	1	99	19.01	18.95	18.99		
20	QPSK	50	0	19.08	19.09	19.07	20.1	0
20	QPSK	50	24	18.93	18.89	18.94		
20	QPSK	50	50	19.01	18.93	18.95		
20	QPSK	100	0	19.00	19.05	19.05		
20	16QAM	1	0	18.94	18.93	18.92	20.1	0
20	16QAM	1	49	18.94	19.02	18.95		
20	16QAM	1	99	18.99	18.94	19.05		
20	16QAM	50	0	18.94	18.95	18.96	20.1	0
20	16QAM	50	24	19.03	19.00	19.03		
20	16QAM	50	50	18.89	18.98	18.96		
20	16QAM	100	0	19.03	18.95	19.04		
20	64QAM	1	0	18.97	18.91	19.00	20.1	0
20	64QAM	1	49	19.01	18.92	18.92		
20	64QAM	1	99	18.94	18.99	18.89		
20	64QAM	50	0	19.00	18.96	18.99	20.1	0
20	64QAM	50	24	18.98	19.00	18.98		
20	64QAM	50	50	18.96	18.91	18.95		
20	64QAM	100	0	18.96	18.95	18.93		
20	256QAM	1	0	17.92	17.92	17.89	19	1.1
20	256QAM	1	49	17.89	17.88	17.91		
20	256QAM	1	99	17.89	17.97	17.96		
20	256QAM	50	0	17.87	17.90	17.94	19	1.1
20	256QAM	50	24	17.81	17.81	17.85		
20	256QAM	50	50	17.91	17.97	17.99		
20	256QAM	100	0	17.87	17.95	17.89		
Channel				43665	44060	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	18.95	18.97	18.98	20.1	0
15	QPSK	1	37	18.84	18.93	18.90		
15	QPSK	1	74	18.84	18.93	18.93		
15	QPSK	36	0	18.91	18.94	18.94	20.1	0
15	QPSK	36	20	18.83	18.77	18.77		
15	QPSK	36	39	18.88	18.83	18.92		
15	QPSK	75	0	18.89	18.96	18.93		
15	16QAM	1	0	18.80	18.85	18.83	20.1	0
15	16QAM	1	37	18.86	18.83	18.83		
15	16QAM	1	74	18.93	18.94	18.94		
15	16QAM	36	0	18.92	18.91	18.94	20.1	0
15	16QAM	36	20	18.93	18.84	18.91		
15	16QAM	36	39	18.89	18.86	18.82		
15	16QAM	75	0	18.92	18.89	18.93		
15	64QAM	1	0	18.80	18.80	18.87	20.1	0
15	64QAM	1	37	18.88	18.87	18.91		
15	64QAM	1	74	18.89	18.80	18.90		
15	64QAM	36	0	18.88	18.89	18.83	20.1	0
15	64QAM	36	20	18.85	18.90	18.89		
15	64QAM	36	39	18.85	18.88	18.86		
15	64QAM	75	0	18.91	18.85	18.91		
15	256QAM	1	0	17.80	17.82	17.73	19	1.1
15	256QAM	1	37	17.81	17.86	17.84		
15	256QAM	1	74	17.85	17.82	17.80		
15	256QAM	36	0	17.82	17.78	17.81	19	1.1
15	256QAM	36	20	17.89	17.74	17.72		
15	256QAM	36	39	17.87	17.79	17.88		
15	256QAM	75	0	17.78	17.81	17.82		
Channel				43615	44060	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	18.98	18.90	18.95	20.1	0
10	QPSK	1	25	18.92	18.95	18.91		
10	QPSK	1	49	18.91	18.89	18.94		
10	QPSK	25	0	18.92	18.96	18.88	20.1	0
10	QPSK	25	12	18.79	18.84	18.83		
10	QPSK	25	25	18.86	18.92	18.94		
10	QPSK	50	0	18.88	18.93	18.96	20.1	0
10	16QAM	1	0	18.78	18.94	18.80		
10	16QAM	1	25	18.88	18.86	18.91		
10	16QAM	1	49	18.95	18.84	18.91		
10	16QAM	25	0	18.83	18.86	18.82	20.1	0
10	16QAM	25	12	18.85	18.92	18.93		
10	16QAM	25	25	18.84	18.80	18.90		
10	16QAM	50	0	18.86	18.91	18.91		
10	64QAM	1	0	18.87	18.83	18.85	20.1	0
10	64QAM	1	25	18.88	18.84	18.80		
10	64QAM	1	49	18.88	18.85	18.88		
10	64QAM	25	0	18.90	18.86	18.81	20.1	0
10	64QAM	25	12	18.85	18.85	18.78		
10	64QAM	25	25	18.81	18.81	18.81		
10	64QAM	50	0	18.80	18.91	18.87		
10	256QAM	1	0	17.74	17.76	17.75	19	1.1
10	256QAM	1	25	17.75	17.80	17.74		
10	256QAM	1	49	17.86	17.77	17.81		
10	256QAM	25	0	17.85	17.85	17.81	19	1.1
10	256QAM	25	12	17.76	17.75	17.78		
10	256QAM	25	25	17.77	17.82	17.86		
10	256QAM	50	0	17.76	17.73	17.84		
Channel				43615	44060	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	18.94	18.91	18.90	20.1	0
5	QPSK	1	12	18.86	18.87	18.84		
5	QPSK	1	24	18.94	18.95	18.91		
5	QPSK	12	0	18.91	18.93	18.93	20.1	0
5	QPSK	12	7	18.83	18.83	18.75		
5	QPSK	12	13	18.91	18.87	18.84		
5	QPSK	25	0	18.88	18.85	18.93	20.1	0
5	16QAM	1	0	18.84	18.86	18.85		
5	16QAM	1	12	18.92	18.87	18.89		
5	16QAM	1	24	18.88	18.87	18.88		
5	16QAM	12	0	18.88	18.89	18.84	20.1	0
5	16QAM	12	7	18.91	18.93	18.91		
5	16QAM	12	13	18.82	18.85	18.82		
5	16QAM	25	0	18.92	18.90	18.89		
5	64QAM	1	0	18.88	18.85	18.88	20.1	0
5	64QAM	1	12	18.82	18.86	18.82		
5	64QAM	1	24	18.83	18.88	18.91		
5	64QAM	12	0	18.84	18.89	18.86	20.1	0
5	64QAM	12	7	18.78	18.86	18.83		
5	64QAM	12	13	18.79	18.83	18.87		
5	64QAM	25	0	18.91	18.85	18.90		
5	256QAM	1	0	17.76	17.82	17.80	19	1.1
5	256QAM	1	12	17.81	17.83	17.83		
5	256QAM	1	24	17.85	17.89	17.81		
5	256QAM	12	0	17.76	17.84	17.79	19	1.1
5	256QAM	12	7	17.77	17.78	17.73		
5	256QAM	12	13	17.78	17.88	17.86		
5	256QAM	25	0	17.80	17.78	17.74		

Band 48 Ant 8 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55990	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.13	19.25	19.12	19.19	20.1	0
20	QPSK	1	49	19.11	19.19	19.16	19.11		
20	QPSK	1	99	19.19	19.20	19.18	19.10		
20	QPSK	50	0	19.20	19.23	19.19	19.13	20.1	0
20	QPSK	50	24	19.21	19.11	19.17	19.15		
20	QPSK	50	50	19.10	19.18	19.20	19.10		
20	QPSK	100	0	19.17	19.21	19.14	19.20		
20

Full & Default Power & DSI 4_Other PA

Band 2 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1850	1880	1910		
20	QPSK	1	0	22.07	22.10	22.03		
20	QPSK	1	49	22.00	22.08	21.89	23	0
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01		
20	QPSK	50	24	20.95	21.11	20.85	22	1
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07		
20	16QAM	1	49	20.99	21.09	20.94	22	1
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98		
20	16QAM	50	24	19.91	20.16	19.84	21	2
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12		
20	64QAM	1	49	20.01	20.06	19.93	21	2
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03		
20	64QAM	50	24	18.98	19.16	18.86	20	3
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01		
20	256QAM	1	49	17.00	17.06	16.84	18	5
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12	18	5
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94		
15	QPSK	1	37	21.87	21.96	21.79	23	0
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90		
15	QPSK	36	20	20.91	21.07	20.76	22	1
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.12	21.03		
15	16QAM	1	37	20.93	21.00	20.84	22	1
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86		
15	16QAM	36	20	19.81	20.03	19.73	21	2
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01		
15	64QAM	1	37	19.97	19.98	19.87	21	2
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00		
15	64QAM	36	20	18.93	19.06	18.80	20	3
15	64QAM	36	39	18.74	18.94	18.93		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88		
15	256QAM	1	37	16.91	16.94	16.72	18	5
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07	18	5
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00		
10	QPSK	1	25	21.96	22.02	21.76	23	0
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98		
10	QPSK	25	12	20.90	21.06	20.83	22	1
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.99		
10	16QAM	1	0	20.96	21.07	21.04		
10	16QAM	1	25	20.92	21.04	20.83	22	1
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90		
10	16QAM	25	12	19.85	20.07	19.77	21	2
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.06	20.04		
10	64QAM	1	25	19.90	19.97	19.82	21	2
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95		
10	64QAM	25	12	18.86	19.12	18.74	20	3
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93		
10	256QAM	1	25	16.96	16.97	16.75	18	5
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04	18	5
10	256QAM	25	25	16.95	17.02	16.99		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00		
5	QPSK	1	12	21.92	21.94	21.83	23	0
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91		
5	QPSK	12	7	20.87	21.02	20.76	22	1
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97		
5	16QAM	1	12	20.88	21.05	20.90	22	1
5	16QAM	1	24	20.90	20.98	20.92		
5	16QAM	12	0	19.91	20.12	19.92		
5	16QAM	12	7	19.85	20.04	19.75	21	2
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.05		
5	64QAM	1	0	19.93	20.06	19.99		
5	64QAM	1	12	19.98	20.04	19.84	21	2
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97		
5	64QAM	12	7	18.95	19.04	18.80	20	3
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.98		
5	256QAM	1	12	16.94	17.01	16.72	18	5
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01	18	5
5	256QAM	12	13	16.99	17.05	17.03		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95		
3	QPSK	1	8	21.91	22.00	21.76	23	0
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88		
3	QPSK	8	4	20.88	21.07	20.79	22	1
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04		
3	16QAM	1	8	20.89	21.04	20.81	22	1
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96		
3	16QAM	8	4	19.82	20.04	19.73	21	2
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02		
3	64QAM	1	8	19.90	19.96	19.86	21	2
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00		
3	64QAM	8	4	18.92	19.07	18.72	20	3
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92		
3	256QAM	1	8	16.91	16.93	16.71	18	5
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07		
3	256QAM	8	4	17.02	17.03	17.08	18	5
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95		
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90	23	0
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03		
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99	22	1
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02		
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92	21	2
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97		
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91	18	5
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 5 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70		
10	QPSK	1	25	22.72	22.71	22.62	24	0
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.94	21.68		
10	QPSK	25	12	21.75	21.74	21.58	23	1
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.72	21.73	21.59	23	1
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71		
10	16QAM	25	12	20.76	20.75	20.58	22	2
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77		
10	64QAM	1	25	20.72	20.68	20.53	22	2
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64		
10	64QAM	25	12	19.74	19.77	19.58	21	3
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72		
10	256QAM	1	25	17.78	17.75	17.54	19	5
10	256QAM	1	49	17.71	17.62	17.51		
10	256QAM	25	0	17.84	17.83	17.61		
10	256QAM	25	12	17.71	17.77	17.69	19	5
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59		
5	QPSK	1	12	22.69	22.62	22.58	24	0
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63		
5	QPSK	12	7	21.67	21.61	21.53	23	1
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62		
5	16QAM	1	12	21.63	21.64	21.47	23	1
5	16QAM	1	24	21.57	21.56	21.38		
5	16QAM	12	0	20.60	20.73	20.63		
5	16QAM	12	7	20.75	20.71	20.50	22	2
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69		
5	64QAM	1	12	20.62	20.65	20.46	22	2
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50		
5	64QAM	12	7	19.70	19.69	19.45	21	3
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.66	19.56		
5	256QAM	1	0	17.57	17.74	17.60		
5	256QAM	1	12	17.68	17.66	17.49	19	5
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55		
5	256QAM	12	7	17.66	17.70	17.64	19	5
5	256QAM	12	13	17.70	17.64	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59		
3	QPSK	1	8	22.60	22.58	22.49	24	0
3	QPSK	1	14	22.51	22.62	22.50		
3	QPSK	8	0	21.65	21.77	21.59		
3	QPSK	8	4	21.63	21.62	21.47	23	1
3	QPSK	8	7	21.59	21.49	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.73	21.62		
3	16QAM	1	8	21.67	21.63	21.45	23	1
3	16QAM	1	14	21.48	21.53	21.39		
3	16QAM	8	0	20.64	20.79	20.59		
3	16QAM	8	4	20.69	20.62	20.55	22	2
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.70	20.59		
3	64QAM	1	0	20.56	20.60	20.65		
3	64QAM	1	8	20.63	20.58	20.51	22	2
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.57	19.76	19.53		
3	64QAM	8	4	19.71	19.74	19.48	21	3
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.59	17.76	17.62		
3	256QAM	1	8	17.64	17.73	17.40	19	5
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56		
3	256QAM	8	4	17.65	17.73	17.63	19	5
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.51	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65		
1.4	QPSK	1	3	22.62	22.68	22.51	24	0
1.4	QPSK	1	5	22.50	22.54	22.50		
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.46	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67		
1.4	16QAM	1	3	21.59	21.64	21.51		
1.4	16QAM	1	5	21.49	21.56	21.39	23	1
1.4	16QAM	3	0	21.55	21.68	21.53		
1.4	16QAM	3	1	21.56	21.60	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.82	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67		
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.50	20.48	22	2
1.4	64QAM	3	0	20.65	20.72	20.55		
1.4	64QAM	3	1	20.59	20.59	20.64		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64		
1.4	256QAM	1	3	17.74	17.65	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45	19	5
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

Band 7 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.16		
20	QPSK	1	49	22.09	22.21	22.05	23	0
20	QPSK	1	99	22.14	22.20	22.07		
20	QPSK	50	0	21.16	21.21	21.20		
20	QPSK	50	24	21.14	21.18	21.05	22	1
20	QPSK	50	50	21.12	21.21	21.04		
20	QPSK	100	0	21.23	21.26	21.16		
20	16QAM	1	0	21.15	21.20	21.12		
20	16QAM	1	49	21.14	21.15	21.10	22	1
20	16QAM	1	99	21.13	21.23	21.02		
20	16QAM	50	0	20.21	20.28	20.19		
20	16QAM	50	24	20.15	20.13	20.06	21	2
20	16QAM	50	50	20.09	20.20	20.10		
20	16QAM	100	0	20.20	20.25	20.18		
20	64QAM	1	0	20.14	20.19	20.11		
20	64QAM	1	49	20.16	20.11	20.09	21	2
20	64QAM	1	99	20.18	20.21	20.06		
20	64QAM	50	0	19.17	19.25	19.23		
20	64QAM	50	24	19.09	19.15	19.02	20	3
20	64QAM	50	50	19.07	19.17	19.03		
20	64QAM	100	0	19.18	19.26	19.18		
20	256QAM	1	0	17.14	17.27	17.23		
20	256QAM	1	49	17.10	17.15	17.01	18	5
20	256QAM	1	99	17.16	17.18	17.04		
20	256QAM	50	0	17.28	17.21	17.20		
20	256QAM	50	24	17.11	17.16	17.13	18	5
20	256QAM	50	50	17.10	17.10	17.07		
20	256QAM	100	0	17.10	17.27	17.08		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.13	22.22	22.02		
15	QPSK	1	37	21.95	22.08	21.94	23	0
15	QPSK	1	74	22.05	22.17	21.95		
15	QPSK	36	0	21.07	21.27	21.18		
15	QPSK	36	20	21.06	21.08	20.96	22	1
15	QPSK	36	39	21.01	21.08	20.96		
15	QPSK	75	0	21.12	21.22	21.04		
15	16QAM	1	0	21.12	21.07	21.02		
15	16QAM	1	37	21.04	21.05	21.03	22	1
15	16QAM	1	74	20.99	21.11	20.94		
15	16QAM	36	0	20.15	20.15	20.16		
15	16QAM	36	20	20.01	20.03	20.01	21	2
15	16QAM	36	39	20.01	20.09	20.07		
15	16QAM	75	0	20.14	20.13	20.09		
15	64QAM	1	0	20.03	20.11	20.01		
15	64QAM	1	37	20.02	20.02	20.05	21	2
15	64QAM	1	74	20.06	20.16	19.93		
15	64QAM	36	0	19.12	19.16	19.13		
15	64QAM	36	20	19.05	19.12	18.93	20	3
15	64QAM	36	39	18.93	19.05	18.89		
15	64QAM	75	0	19.15	19.23	19.06		
15	256QAM	1	0	17.12	17.15	17.11		
15	256QAM	1	37	17.03	17.02	16.93	18	5
15	256QAM	1	74	17.06	17.14	16.97		
15	256QAM	36	0	17.26	17.17	17.07		
15	256QAM	36	20	17.02	17.11	17.01	18	5
15	256QAM	36	39	17.04	16.98	16.98		
15	256QAM	75	0	16.97	17.16	17.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.14	22.19	22.08		
10	QPSK	1	25	21.99	22.16	21.97	23	0
10	QPSK	1	49	21.98	22.16	21.92		
10	QPSK	25	0	21.09	21.21	21.11		
10	QPSK	25	12	21.01	21.10	21.02	22	1
10	QPSK	25	25	21.04	21.18	20.98		
10	QPSK	50	0	21.16	21.16	21.04		
10	16QAM	1	0	21.10	21.07	21.07		
10	16QAM	1	25	21.04	21.02	21.04	22	1
10	16QAM	1	49	21.05	21.09	20.93		
10	16QAM	25	0	20.19	20.22	20.06		
10	16QAM	25	12	20.01	20.05	20.02	21	2
10	16QAM	25	25	19.96	20.07	19.98	

Band 13 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.96		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 30 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	5
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.49	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	5
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

Band 66 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26		
20	QPSK	1	49	22.15	22.28	22.17	24	0
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22		
20	QPSK	50	24	21.17	21.28	21.18	23	1
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29		
20	16QAM	1	49	21.15	21.23	21.11	23	1
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21		
20	16QAM	50	24	21.23	20.29	20.17	22	2
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33		
20	64QAM	1	49	20.12	20.26	20.17	22	2
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23		
20	64QAM	50	24	19.23	19.30	19.24	21	3
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24		
20	256QAM	1	49	17.18	17.32	17.20	19	5
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23		
20	256QAM	50	24	17.19	17.27	17.32	19	5
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15		
15	QPSK	1	37	22.04	22.17	22.12	24	0
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18		
15	QPSK	36	20	21.05	21.25	21.14	23	1
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20		
15	16QAM	1	37	21.10	21.13	21.00	23	1
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18		
15	16QAM	36	20	20.15	20.24	20.03	22	2
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20		
15	64QAM	1	37	20.13	20.21	20.10	22	2
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14		
15	64QAM	36	20	19.15	19.23	19.10	21	3
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19		
15	256QAM	1	37	17.16	17.21	17.09	19	5
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16		
15	256QAM	36	20	17.12	17.23	17.26	19	5
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14		
10	QPSK	1	25	22.13	22.16	22.10	24	0
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13		
10	QPSK	25	12	21.13	21.23	21.12	23	1
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23		
10	16QAM	1	25	21.11	21.19	21.09	23	1
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18		
10	16QAM	25	12	20.17	20.20	20.13	22	2
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21		
10	64QAM	1	25	20.02	20.14	20.11	22	2
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17		
10	64QAM	25	12	19.11	19.19	19.11	21	3
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19		
10	256QAM	1	25	17.06	17.24	17.06	19	5
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16		
10	256QAM	25	12	17.10	17.23	17.23	19	5
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16		
5	QPSK	1	12	22.03	22.15	22.04	24	0
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16		
5	QPSK	12	7	21.07	21.18	21.08	23	1
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27		
5	16QAM	1	12	21.04	21.18	21.03	23	1
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12		
5	16QAM	12	7	20.18	20.25	20.09	22	2
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31		
5	64QAM	1	12	20.09	20.22	20.04	22	2
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14		
5	64QAM	12	7	19.17	19.25	19.11	21	3
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15		
5	256QAM	1	12	17.07	17.27	17.18	19	5
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12		
5	256QAM	12	7	17.08	17.24	17.25	19	5
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15		
3	QPSK	1	8	22.10	22.22	22.13	24	0
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09		
3	QPSK	8	4	21.06	21.18	21.12	23	1
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21		
3	16QAM	1	8	21.01	21.17	21.00	23	1
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09		
3	16QAM	8	4	20.14	20.22	20.10	22	2
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24		
3	64QAM	1	8	20.06	20.15	20.13	22	2
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19		
3	64QAM	8	4	19.15	19.21	19.16	21	3
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14		
3	256QAM	1	8	17.05	17.21	17.16	19	5
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21		
3	256QAM	8	4	17.06	17.16	17.27	19	5
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20		
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12	24	0
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25		
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11	23	1
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30		
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08	22	2
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11		
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09	19	5
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59		
20	QPSK	1	49	22.53	22.64	22.56	24	0
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56		
20	QPSK	50	24	21.51	21.67	21.57	23	1
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51		
20	16QAM	50	24	20.53	20.72	20.56	22	2
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67		
20	64QAM	1	49	20.51	20.59	20.61	22	2
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59		
20	64QAM	50	24	19.47	19.66	19.62	21	3
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52		
20	256QAM	1	49	17.56	17.66	17.60	19	5
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55		
20	256QAM	50	24	17.62	17.61	17.68	19	5
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51		
15	QPSK	1	37	22.48	22.53	22.53	24	0
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.56	21.64	21.45		
15	QPSK	36	20	21.41	21.64	21.50	23	1
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52		
15	16QAM	1	37	21.53	21.50	21.52	23	1
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43		
15	16QAM	36	20	20.41	20.66	20.46	22	2
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59		
15	64QAM	1	37	20.49	20.48	20.52	22	2
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46		
15	64QAM	36	20	19.33	19.57	19.52	21	3
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45		
15	256QAM	1	37	17.45	17.54	17.49	19	5
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47		
15	256QAM	36	20	17.49	17.59	17.65	19	5
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54		
10	QPSK	1	25	22.46	22.50	22.48	24	0
10	QPSK	1	49	22.51	22.52	22.46		
10	QPSK	25	0	21.50	21.66	21.47		
10	QPSK	25	12	21.48	21.57	21.50	23	1
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60		
10	16QAM	1	25	21.48	21.49	21.53	23	1
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45		
10	16QAM	25	12	20.51	20.59	20.45	22	2
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64		
10	64QAM	1	25	20.39	20.46	20.56	22	2
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50		
10	64QAM	25	12	19.33	19.53	19.53	21	3
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41		
10	256QAM	1	25	17.48	17.57	17.51	19	5
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45		
10	256QAM	25	12	17.51	17.50	17.56	19	5
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54		
5	QPSK	1	12	22.50	22.51	22.52	24	0
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44		
5	QPSK	12	7	21.39	21.63	21.52	23	1
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54		
5	16QAM	1	12	21.44	21.55	21.45	23	1
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47		
5	16QAM	12	7	20.41	20.65	20.43	22	2
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47	22	2
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52		
5	64QAM	12	7	19.36	19.59	19.57	21	3
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.39		
5	256QAM	1	12	17.46	17.61	17.51	19	5
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43		
5	256QAM	12	7	17.59	17.53	17.57	19	5
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

Band 2 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.37	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.28	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

Band 5 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22		
5	QPSK	1	12	22.20	22.24	22.10	24	0
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.20	21.17			
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21		
3	QPSK	1	8	22.17	22.19	22.12	24	0
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.08	17.20	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11		
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04	24	0
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.05	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17		
1.4	16QAM	1	3	21.11	21.03	21.14		
1.4	16QAM	1	5	21.06	21.12	21.05	23	1
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13		
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.13	20.16	20.11	22	2
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09		
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00	19	5
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

Band 12 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85		
10	QPSK	1	25	22.86	22.89	22.78	24	0
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83		
5	QPSK	1	12	22.76	22.78	22.71	24	0
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76		
3	QPSK	1	8	22.74	22.76	22.72	24	0
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
3	16QAM	8	4	20.83	20.88	20.70	22	2
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15	0	20.76

Band 14 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

Band 66 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	17.04	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.74	20.87	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.96	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

Band 71 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.48	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

Band 2 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.67	22.71	22.66	24	0
20	QPSK	1	49	22.54	22.69	22.63		
20	QPSK	1	99	22.60	22.65	22.56		
20	QPSK	50	0	21.63	21.76	21.67	23	1
20	QPSK	50	24	21.49	21.64	21.63		
20	QPSK	50	50	21.50	21.59	21.54		
20	QPSK	100	0	21.71	21.74	21.70		
20	16QAM	1	0	21.63	21.73	21.64	23	1
20	16QAM	1	49	21.60	21.69	21.61		
20	16QAM	1	99	21.51	21.65	21.61		
20	16QAM	50	0	20.60	20.80	20.70	22	2
20	16QAM	50	24	20.48	20.70	20.59		
20	16QAM	50	50	20.45	20.64	20.55		
20	16QAM	100	0	20.70	20.68	20.66		
20	64QAM	1	0	20.67	20.70	20.62	22	2
20	64QAM	1	49	20.62	20.64	20.66		
20	64QAM	1	99	20.50	20.63	20.63	21	3
20	64QAM	50	0	19.69	19.81	19.63		
20	64QAM	50	24	19.53	19.65	19.59		
20	64QAM	50	50	19.52	19.61	19.48		
20	64QAM	100	0	19.75	19.76	19.75		
20	256QAM	1	0	17.66	17.82	17.62	19	5
20	256QAM	1	49	17.50	17.62	17.59		
20	256QAM	1	99	17.55	17.63	17.55		
20	256QAM	50	0	17.75	17.69	17.74	19	5
20	256QAM	50	24	17.63	17.71	17.62		
20	256QAM	50	50	17.61	17.71	17.64		
20	256QAM	100	0	17.53	17.65	17.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.64	22.57	24	0
15	QPSK	1	37	22.47	22.61	22.51		
15	QPSK	1	74	22.47	22.52	22.48		
15	QPSK	36	0	21.59	21.69	21.58	23	1
15	QPSK	36	20	21.35	21.60	21.53		
15	QPSK	36	39	21.42	21.54	21.46		
15	QPSK	75	0	21.69	21.65	21.63		
15	16QAM	1	0	21.61	21.69	21.60	23	1
15	16QAM	1	37	21.50	21.56	21.58		
15	16QAM	1	74	21.46	21.54	21.55		
15	16QAM	36	0	20.53	20.67	20.56	22	2
15	16QAM	36	20	20.39	20.59	20.47		
15	16QAM	36	39	20.43	20.62	20.46		
15	16QAM	75	0	20.65	20.63	20.53		
15	64QAM	1	0	20.60	20.64	20.52	22	2
15	64QAM	1	37	20.55	20.58	20.54		
15	64QAM	1	74	20.39	20.58	20.56		
15	64QAM	36	0	19.61	19.76	19.60	21	3
15	64QAM	36	20	19.48	19.55	19.47		
15	64QAM	36	39	19.39	19.56	19.43		
15	64QAM	75	0	19.65	19.74	19.68		
15	256QAM	1	0	17.64	17.75	17.50	19	5
15	256QAM	1	37	17.37	17.60	17.48		
15	256QAM	1	74	17.42	17.57	17.44		
15	256QAM	36	0	17.71	17.58	17.64	19	5
15	256QAM	36	20	17.53	17.69	17.53		
15	256QAM	36	39	17.49	17.57	17.62		
15	256QAM	75	0	17.42	17.63	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1905		
10	QPSK	1	0	22.58	22.63	22.59	24	0
10	QPSK	1	25	22.50	22.62	22.50		
10	QPSK	1	49	22.43	22.62	22.45		
10	QPSK	25	0	21.50	21.64	21.63	23	1
10	QPSK	25	12	21.42	21.61	21.57		
10	QPSK	25	25	21.41	21.53	21.43		
10	QPSK	50	0	21.61	21.70	21.63		
10	16QAM	1	0	21.56	21.64	21.59	23	1
10	16QAM	1	25	21.47	21.55	21.56		
10	16QAM	1	49	21.46	21.62	21.58		
10	16QAM	25	0	20.56	20.69	20.65	22	2
10	16QAM	25	12	20.37	20.60	20.52		
10	16QAM	25	25	20.31	20.59	20.45		
10	16QAM	50	0	20.61	20.71	20.54		
10	64QAM	1	0	20.63	20.67	20.53	22	2
10	64QAM	1	25	20.53	20.56	20.58		
10	64QAM	1	49	20.39	20.52	20.57		
10	64QAM	25	0	19.63	19.79	19.54	21	3
10	64QAM	25	12	19.47	19.61	19.48		
10	64QAM	25	25	19.45	19.57	19.45		
10	64QAM	50	0	19.72	19.66	19.71		
10	256QAM	1	0	17.59	17.71	17.55	19	5
10	256QAM	1	25	17.40	17.59	17.48		
10	256QAM	1	49	17.43	17.51	17.47		
10	256QAM	25	0	17.73	17.61	17.64	19	5
10	256QAM	25	12	17.56	17.66	17.49		
10	256QAM	25	25	17.48	17.59	17.60		
10	256QAM	50	0	17.49	17.56	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.59	22.65	22.64	24	0
5	QPSK	1	12	22.42	22.61	22.52		
5	QPSK	1	24	22.48	22.62	22.49		
5	QPSK	12	0	21.58	21.62	21.63	23	1
5	QPSK	12	7	21.41	21.56	21.60		
5	QPSK	12	13	21.40	21.51	21.46		
5	QPSK	25	0	21.58	21.61	21.65		
5	16QAM	1	0	21.50	21.68	21.51	23	1
5	16QAM	1	12	21.46	21.57	21.58		
5	16QAM	1	24	21.46	21.54	21.54		
5	16QAM	12	0	20.49	20.73	20.62	22	2
5	16QAM	12	7	20.36	20.60	20.51		
5	16QAM	12	13	20.42	20.56	20.42		
5	16QAM	25	0	20.66	20.60	20.58		
5	64QAM	1	0	20.59	20.57	20.51	22	2
5	64QAM	1	12	20.51	20.50	20.63		
5	64QAM	1	24	20.46	20.50	20.53		
5	64QAM	12	0	19.65	19.78	19.60	21	3
5	64QAM	12	7	19.45	19.51	19.49		
5	64QAM	12	13	19.47	19.58	19.36		
5	64QAM	25	0	19.72	19.66	19.65		
5	256QAM	1	0	17.62	17.70	17.51	19	5
5	256QAM	1	12	17.36	17.50	17.56		
5	256QAM	1	24	17.52	17.54	17.43		
5	256QAM	12	0	17.61	17.55	17.71	19	5
5	256QAM	12	7	17.58	17.64	17.56		
5	256QAM	12	13	17.51	17.61	17.54		
5	256QAM	25	0	17.48	17.61	17.59		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.60	22.61	22.54	24	0
3	QPSK	1	8	22.43	22.55	22.53		
3	QPSK	1	14	22.44	22.61	22.43		
3	QPSK	8	0	21.59	21.73	21.61	23	1
3	QPSK	8	4	21.41	21.56	21.59		
3	QPSK	8	7	21.46	21.46	21.41		
3	QPSK	15	0	21.68	21.66	21.59		
3	16QAM	1	0	21.49	21.66	21.61	23	1
3	16QAM	1	8	21.53	21.58	21.50		
3	16QAM	1	14	21.45	21.56	21.55		
3	16QAM	8	0	20.49	20.68	20.59	22	2
3	16QAM	8	4	20.38	20.59	20.50		
3	16QAM	8	7	20.31	20.57	20.41		
3	16QAM	15	0	20.56	20.55	20.54		
3	64QAM	1	0	20.63	20.65	20.50	22	2
3	64QAM	1	8	20.59	20.62	20.59		
3	64QAM	1	14	20.45	20.54	20.55		
3	64QAM	8	0	19.62	19.78	19.55	21	3
3	64QAM	8	4	19.43	19.57	19.50		
3	64QAM	8	7	19.40	19.57	19.38		
3	64QAM	15	0	19.72	19.74	19.71		
3	256QAM	1	0	17.62	17.78	17.56	19	5
3	256QAM	1	8	17.46	17.55	17.55		
3	256QAM	1	14	17.46	17.53	17.52		
3	256QAM	8	0	17.63	17.56	17.65	19	5
3	256QAM	8	4	17.61	17.67	17.58		
3	256QAM	8	7	17.49	17.67	17.54		
3	256QAM	15	0	17.39	17.59	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.55	24	0
1.4	QPSK	1	3	22.43	22.61	22.50		
1.4	QPSK	1	5	22.49	22.52	22.46		
1.4	QPSK	3	0	22.52	22.54	22.53		
1.4	QPSK	3	1	22.40	22.51	22.41		
1.4	QPSK	3	3	22.42	22.38	22.41		
1.4	QPSK	6	0	21.64	21.69	21.65	23	1
1.4	16QAM	1	0	21.59	21.64	21.52	23	1
1.4	16QAM	1	3	21.48	21.57	21.50		
1.4	16QAM	1	5	21.46	21.55	21.47		
1.4	16QAM	3	0	21.51	21.65	21.63		
1.4	16QAM	3	1	21.48	21.61	21.49		
1.4	16QAM	3	3	21.35	21.46	21.42		
1.4	16QAM	6	0	20.60	20.63	20.54	22	2
1.4	64QAM	1	0	20.60	20.63	20.56	22	2
1.4	64QAM	1	3	20.52	20.53	20.57		
1.4	64QAM	1	5	20.43	20.60	20.49		
1.4	64QAM	3	0	20.48	20.61	20.41		
1.4	64QAM	3	1	20.47	20.59	20.44		
1.4	64QAM	3	3	20.42	20.39	20.52		
1.4	64QAM	6	0	19.71	19.64	19.68	21	3
1.4	256QAM	1	0	17.63	17.80	17.49	19	5
1.4	256QAM	1	3	17.47	17.57	17.51		
1.4	256QAM	1	5	17.47	17.61	17.43		
1.4	256QAM	3	0	17.67	17.66	17.68		
1.4	256QAM	3	1	17.54	17.67	17.60		
1.4	256QAM	3	3	17.53	17.62	17.60		
1.4	256QAM	6	0	17.44	17.54	17.53	19	5

Band 7 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.69	22.73	22.66	24	0
20	QPSK	1	49	22.63	22.69	22.57		
20	QPSK	1	99	22.63	22.68	22.54		
20	QPSK	50	0	21.71	21.76	21.63	23	1
20	QPSK	50	24	21.57	21.66	21.59		
20	QPSK	50	50	21.61	21.71	21.56		
20	QPSK	100	0	21.68	21.73	21.61		
20	16QAM	1	0	21.71	21.72	21.61	23	1
20	16QAM	1	49	21.60	21.63	21.51		
20	16QAM	1	99	21.60	21.67	21.51		
20	16QAM	50	0	20.77	20.76	20.59	22	2
20	16QAM	50	24	20.54	20.69	20.59		
20	16QAM	50	50	20.63	20.69	20.57		
20	16QAM	100	0	20.72	20.78	20.59		
20	64QAM	1	0	20.79	20.75	20.66	22	2
20	64QAM	1	49	20.61	20.61	20.51		
20	64QAM	1	99	20.64	20.70	20.57		
20	64QAM	50	0	19.71	19.70	19.60	21	3
20	64QAM	50	24	19.56	19.64	19.56		
20	64QAM	50	50	19.63	19.69	19.54		
20	64QAM	100	0	19.73	19.77	19.55		
20	256QAM	1	0	17.70	17.82	17.67	19	5
20	256QAM	1	49	17.61	17.64	17.64		
20	256QAM	1	99	17.57	17.69	17.53		
20	256QAM	50	0	17.68	17.70	17.64	19	5
20	256QAM	50	24	17.76	17.74	17.64		
20	256QAM	50	50	17.61	17.68	17.50		
20	256QAM	100	0	17.59	17.68	17.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.63	22.65	22.60	24	0
15	QPSK	1	37	22.56	22.58	22.49		
15	QPSK	1	74	22.61	22.61	22.51		
15	QPSK	36	0	21.65	21.63	21.58	23	1
15	QPSK	36	20	21.54	21.59	21.53		
15	QPSK	36	39	21.48	21.60	21.54		
15	QPSK	75	0	21.64	21.69	21.52		
15	16QAM	1	0	21.63	21.62	21.55	23	1
15	16QAM	1	37	21.48	21.51	21.37		
15	16QAM	1	74	21.53	21.57	21.46		
15	16QAM	36	0	20.74	20.67	20.48	22	2
15	16QAM	36	20	20.47	20.61	20.51		
15	16QAM	36	39	20.59	20.63	20.51		
15	16QAM	75	0	20.67	20.68	20.49		
15	64QAM	1	0	20.74	20.72	20.64	22	2
15	64QAM	1	37	20.48	20.48	20.41		
15	64QAM	1	74	20.53	20.60	20.55		
15	64QAM	36	0	19.57	19.59	19.54	21	3
15	64QAM	36	20	19.45	19.61	19.54		
15	64QAM	36	39	19.61	19.59	19.42		
15	64QAM	75	0	19.63	19.71	19.41		
15	256QAM	1	0	17.60	17.77	17.55	19	5
15	256QAM	1	37	17.48	17.52	17.48		
15	256QAM	1	74	17.44	17.62	17.48		
15	256QAM	36	0	17.61	17.63	17.50	19	5
15	256QAM	36	20	17.72	17.63	17.59		
15	256QAM	36	39	17.57	17.61	17.57		
15	256QAM	75	0	17.52	17.58	17.35		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.55	22.69	22.54	24	0
10	QPSK	1	25	22.51	22.66	22.47		
10	QPSK	1	49	22.51	22.59	22.52		
10	QPSK	25	0	21.61	21.65	21.59	23	1
10	QPSK	25	12	21.52	21.53	21.53		
10	QPSK	25	25	21.51	21.61	21.48		
10	QPSK	50	0	21.59	21.64	21.54		
10	16QAM	1	0	21.65	21.67	21.53	23	1
10	16QAM	1	25	21.54	21.55	21.39		
10	16QAM	1	49	21.54	21.66	21.42		
10	16QAM	25	0	20.64	20.70	20.53	22	2
10	16QAM	25	12	20.42	20.57	20.51		
10	16QAM	25	25	20.54	20.56	20.50		
10	16QAM	50	0	20.68	20.71	20.51		
10	64QAM	1	0	20.66	20.71	20.57	22	2
10	64QAM	1	25	20.49	20.47	20.45		
10	64QAM	1	49	20.59	20.62	20.44		
10	64QAM	25	0	19.58	19.62	19.53	21	3
10	64QAM	25	12	19.51	19.60	19.48		
10	64QAM	25	25	19.49	19.61	19.41		
10	64QAM	50	0	19.67	19.63	19.48		
10	256QAM	1	0	17.61	17.70	17.58	19	5
10	256QAM	1	25	17.51	17.58	17.59		
10	256QAM	1	49	17.50	17.57	17.47		
10	256QAM	25	0	17.60	17.63	17.55	19	5
10	256QAM	25	12	17.57	17.61	17.49		
10	256QAM	25	25	17.49	17.61	17.42		
10	256QAM	50	0	17.45	17.60	17.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.63	22.66	22.57	24	0
5	QPSK	1	12	22.54	22.66	22.47		
5	QPSK	1	24	22.58	22.65	22.46		
5	QPSK	12	0	21.61	21.62	21.54	23	1
5	QPSK	12	7	21.44	21.53	21.48		
5	QPSK	12	13	21.56	21.68	21.53		
5	QPSK	25	0	21.55	21.64	21.51		
5	16QAM	1	0	21.69	21.62	21.55	23	1
5	16QAM	1	12	21.48	21.61	21.58		
5	16QAM	1	24	21.47	21.64	21.45		
5	16QAM	12	0	20.70	20.65	20.51	22	2
5	16QAM	12	7	20.50	20.64	20.49		
5	16QAM	12	13	20.57	20.68	20.54		
5	16QAM	25	0	20.65	20.66	20.50		
5	64QAM	1	0	20.70	20.66	20.61	22	2
5	64QAM	1	12	20.55	20.50	20.39		
5	64QAM	1	24	20.52	20.65	20.44		
5	64QAM	12	0	19.61	19.59	19.57	21	3
5	64QAM	12	7	19.50	19.61	19.51		
5	64QAM	12	13	19.58	19.66	19.48		
5	64QAM	25	0	19.64	19.75	19.45		
5	256QAM	1	0	17.60	17.75	17.61	19	5
5	256QAM	1	12	17.58	17.60	17.56		
5	256QAM	1	24	17.50	17.61	17.49		
5	256QAM	12	0	17.55	17.63	17.56	19	5
5	256QAM	12	7	17.72	17.62	17.57		
5	256QAM	12	13	17.58	17.54	17.46		
5	256QAM	25	0	17.55	17.66	17.41		

Band 30 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.76		24	0
10	QPSK	1	25		22.74			
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.81		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.77			
10	16QAM	1	0		21.75		23	1
10	16QAM	1	25		21.71			
10	16QAM	1	49		21.72			
10	16QAM	25	0		20.78		22	2
10	16QAM	25	12		20.78			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.78		22	2
10	64QAM	1	25		20.77			
10	64QAM	1	49		20.72			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.76			
10	64QAM	25	25		19.68			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.77		19	5
10	256QAM	1	25		17.82			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.82		19	5
10	256QAM	25	12		17.73			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.71			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.69	22.73	22.67	24	0
5	QPSK	1	12	22.62	22.67	22.69		
5	QPSK	1	24	22.60	22.57	22.61		
5	QPSK	12	0	21.73	21.78	21.69	23	1
5	QPSK	12	7	21.69	21.64	21.69		
5	QPSK	12	13	21.54	21.63	21.61		
5	QPSK	25	0	21.71	21.71	21.65		
5	16QAM	1	0	21.67	21.67	21.62	23	1
5	16QAM	1	12	21.67	21.61	21.66		
5	16QAM	1	24	21.61	21.63	21.70		
5	16QAM	12	0	20.66	20.72	20.67	22	2
5	16QAM	12	7	20.68	20.73	20.73		
5	16QAM	12	13	20.63	20.56	20.66		
5	16QAM	25	0	20.63	20.66	20.67		
5	64QAM	1	0	20.72	20.69	20.65	22	2
5	64QAM	1	12	20.68	20.70	20.69		
5	64QAM	1	24	20.61	20.68	20.63		
5	64QAM	12	0	19.72	19.74	19.69	21	3
5	64QAM	12	7	19.67	19.70	19.69		
5	64QAM	12	13	19.58	19.62	19.59		
5	64QAM	25	0	19.74	19.72	19.72		
5	256QAM	1	0	17.67	17.63	17.70	19	5
5	256QAM	1	12	17.79	17.80	17.79		
5	256QAM	1	24	17.66	17.65	17.64		
5	256QAM	12	0	17.69	17.74	17.75	19	5
5	256QAM	12	7	17.66	17.71	17.63		
5	256QAM	12	13	17.68	17.64	17.66		
5	256QAM	25	0	17.59	17.57	17.62		

Band 66 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.79	22.81	22.75	24	0
20	QPSK	1	49	22.74	22.78	22.62		
20	QPSK	1	99	22.75	22.77	22.61		
20	QPSK	50	0	21.80	21.84	21.74	23	1
20	QPSK	50	24	21.73	21.80	21.58		
20	QPSK	50	50	21.73	21.79	21.67		
20	QPSK	100	0	21.82	21.83	21.77		
20	16QAM	1	0	21.83	21.80	21.74	23	1
20	16QAM	1	49	21.77	21.77	21.66		
20	16QAM	1	99	21.71	21.74	21.63		
20	16QAM	50	0	20.79	20.76	20.73	22	2
20	16QAM	50	24	20.78	20.76	20.59		
20	16QAM	50	50	20.71	20.84	20.64		
20	16QAM	100	0	20.76	20.83	20.74		
20	64QAM	1	0	20.79	20.74	20.76	22	2
20	64QAM	1	49	20.74	20.74	20.61		
20	64QAM	1	99	20.73	20.78	20.69		
20	64QAM	50	0	19.87	19.82	19.70	21	3
20	64QAM	50	24	19.72	19.78	19.57		
20	64QAM	50

Band 2 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.91	22.95	22.88	24	0
20	QPSK	1	49	22.78	22.92	22.74		
20	QPSK	1	99	22.82	22.91	22.80		
20	QPSK	50	0	21.95	21.98	21.94	23	1
20	QPSK	50	24	21.77	21.96	21.71		
20	QPSK	50	50	21.87	21.91	21.84		
20	QPSK	100	0	21.91	21.95	21.86		
20	16QAM	1	0	21.90	21.93	21.91	23	1
20	16QAM	1	49	21.82	21.95	21.77		
20	16QAM	1	99	21.83	21.97	21.83		
20	16QAM	50	0	20.93	20.96	20.98	22	2
20	16QAM	50	24	20.83	20.94	20.75		
20	16QAM	50	50	20.87	20.90	20.83		
20	16QAM	100	0	20.93	20.91	20.92		
20	64QAM	1	0	20.90	20.91	20.91	22	2
20	64QAM	1	49	20.77	20.90	20.74		
20	64QAM	1	99	20.85	20.95	20.86		
20	64QAM	50	0	19.96	19.96	19.92	21	3
20	64QAM	50	24	19.78	19.96	19.86		
20	64QAM	50	50	19.86	19.88	19.84		
20	64QAM	100	0	20.02	19.93	19.80		
20	256QAM	1	0	17.92	17.97	17.89	19	5
20	256QAM	1	49	17.75	18.00	17.73		
20	256QAM	1	99	17.93	17.88	17.87		
20	256QAM	50	0	17.93	17.89	17.85	19	5
20	256QAM	50	24	17.98	17.89	17.94		
20	256QAM	50	50	17.79	17.90	17.72		
20	256QAM	100	0	17.78	17.99	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.86	22.92	22.75	24	0
15	QPSK	1	37	22.76	22.87	22.71		
15	QPSK	1	74	22.71	22.81	22.75		
15	QPSK	36	0	21.91	21.93	21.92	23	1
15	QPSK	36	20	21.74	21.85	21.69		
15	QPSK	36	39	21.74	21.86	21.81		
15	QPSK	75	0	21.84	21.83	21.83		
15	16QAM	1	0	21.83	21.82	21.79	23	1
15	16QAM	1	37	21.73	21.84	21.75		
15	16QAM	1	74	21.72	21.92	21.76		
15	16QAM	36	0	20.80	20.86	20.89	22	2
15	16QAM	36	20	20.73	20.86	20.69		
15	16QAM	36	39	20.79	20.83	20.71		
15	16QAM	75	0	20.81	20.84	20.82		
15	64QAM	1	0	20.82	20.81	20.84	22	2
15	64QAM	1	37	20.69	20.82	20.67		
15	64QAM	1	74	20.78	20.86	20.81		
15	64QAM	36	0	19.86	19.85	19.88	21	3
15	64QAM	36	20	19.75	19.84	19.53		
15	64QAM	36	39	19.74	19.84	19.78		
15	64QAM	75	0	19.97	19.79	19.77		
15	256QAM	1	0	17.84	17.88	17.86	19	5
15	256QAM	1	37	17.65	17.96	17.75		
15	256QAM	1	74	17.81	17.85	17.81		
15	256QAM	36	0	17.85	17.86	17.71	19	5
15	256QAM	36	20	17.85	17.76	17.86		
15	256QAM	36	39	17.65	17.79	17.70		
15	256QAM	75	0	17.75	17.92	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.86	22.90	22.77	24	0
10	QPSK	1	25	22.71	22.81	22.67		
10	QPSK	1	49	22.75	22.89	22.73		
10	QPSK	25	0	21.87	21.90	21.88	23	1
10	QPSK	25	12	21.66	21.83	21.63		
10	QPSK	25	25	21.73	21.87	21.81		
10	QPSK	50	0	21.90	21.86	21.77		
10	16QAM	1	0	21.88	21.80	21.84	23	1
10	16QAM	1	25	21.72	21.91	21.70		
10	16QAM	1	49	21.74	21.88	21.77		
10	16QAM	25	0	20.86	20.86	20.87	22	2
10	16QAM	25	12	20.72	20.89	20.68		
10	16QAM	25	25	20.83	20.86	20.79		
10	16QAM	50	0	20.80	20.85	20.80		
10	64QAM	1	0	20.82	20.86	20.78	22	2
10	64QAM	1	25	20.75	20.79	20.66		
10	64QAM	1	49	20.79	20.89	20.78		
10	64QAM	25	0	19.91	19.86	19.79	21	3
10	64QAM	25	12	19.67	19.84	19.53		
10	64QAM	25	25	19.77	19.82	19.73		
10	64QAM	50	0	19.96	19.84	19.69		
10	256QAM	1	0	17.85	17.86	17.76	19	5
10	256QAM	1	25	17.63	17.94	17.67		
10	256QAM	1	49	17.87	17.75	17.74		
10	256QAM	25	0	17.84	17.78	17.74	19	5
10	256QAM	25	12	17.86	17.76	17.81		
10	256QAM	25	25	17.70	17.77	17.67		
10	256QAM	50	0	17.70	17.94	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.79	22.87	22.84	24	0
5	QPSK	1	12	22.69	22.81	22.69		
5	QPSK	1	24	22.73	22.80	22.77		
5	QPSK	12	0	21.93	21.91	21.80	23	1
5	QPSK	12	7	21.65	21.90	21.66		
5	QPSK	12	13	21.79	21.88	21.81		
5	QPSK	25	0	21.87	21.92	21.74		
5	16QAM	1	0	21.91	21.81	21.83	23	1
5	16QAM	1	12	21.77	21.90	21.72		
5	16QAM	1	24	21.70	21.84	21.78		
5	16QAM	12	0	20.84	20.94	20.92	22	2
5	16QAM	12	7	20.70	20.81	20.66		
5	16QAM	12	13	20.83	20.87	20.75		
5	16QAM	25	0	20.90	20.79	20.80		
5	64QAM	1	0	20.76	20.86	20.84	22	2
5	64QAM	1	12	20.75	20.77	20.63		
5	64QAM	1	24	20.79	20.88	20.83		
5	64QAM	12	0	19.85	19.88	19.83	21	3
5	64QAM	12	7	19.74	19.92	19.57		
5	64QAM	12	13	19.80	19.76	19.78		
5	64QAM	25	0	19.88	19.84	19.75		
5	256QAM	1	0	17.85	17.85	17.76	19	5
5	256QAM	1	12	17.71	17.90	17.69		
5	256QAM	1	24	17.90	17.82	17.76		
5	256QAM	12	0	17.84	17.86	17.81	19	5
5	256QAM	12	7	17.96	17.80	17.80		
5	256QAM	12	13	17.67	17.83	17.64		
5	256QAM	25	0	17.70	17.92	17.74		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.90	22.79	24	0
3	QPSK	1	8	22.67	22.84	22.67		
3	QPSK	1	14	22.72	22.87	22.67		
3	QPSK	8	0	21.88	21.89	21.91	23	1
3	QPSK	8	4	21.68	21.92	21.67		
3	QPSK	8	7	21.76	21.84	21.73		
3	QPSK	15	0	21.84	21.93	21.78		
3	16QAM	1	0	21.85	21.84	21.79	23	1
3	16QAM	1	8	21.69	21.88	21.68		
3	16QAM	1	14	21.79	21.95	21.76		
3	16QAM	8	0	20.85	20.90	20.95	22	2
3	16QAM	8	4	20.76	20.80	20.63		
3	16QAM	8	7	20.79	20.82	20.76		
3	16QAM	15	0	20.82	20.87	20.88		
3	64QAM	1	0	20.79	20.81	20.79	22	2
3	64QAM	1	8	20.68	20.82	20.65		
3	64QAM	1	14	20.82	20.85	20.75		
3	64QAM	8	0	19.85	19.87	19.90	21	3
3	64QAM	8	4	19.64	19.89	19.60		
3	64QAM	8	7	19.79	19.86	19.80		
3	64QAM	15	0	19.90	19.83	19.76		
3	256QAM	1	0	17.78	17.93	17.80	19	5
3	256QAM	1	8	17.67	17.97	17.70		
3	256QAM	1	14	17.79	17.82	17.78		
3	256QAM	8	0	17.86	17.84	17.79	19	5
3	256QAM	8	4	17.90	17.78	17.87		
3	256QAM	8	7	17.68	17.87	17.61		
3	256QAM	15	0	17.67	17.93	17.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.88	22.81	22.75	24	0
1.4	QPSK	1	3	22.70	22.83	22.69		
1.4	QPSK	1	5	22.74	22.84	22.71		
1.4	QPSK	3	0	22.78	22.72	22.69		
1.4	QPSK	3	1	22.57	22.71	22.55		
1.4	QPSK	3	3	22.62	22.75	22.67		
1.4	QPSK	6	0	21.87	21.82	21.83	23	1
1.4	16QAM	1	0	21.92	21.82	21.88	23	1
1.4	16QAM	1	3	21.69	21.93	21.66		
1.4	16QAM	1	5	21.81	21.93	21.78		
1.4	16QAM	3	0	21.75	21.77	21.75		
1.4	16QAM	3	1	21.81	21.71	21.76		
1.4	16QAM	3	3	21.55	21.81	21.53		
1.4	16QAM	6	0	20.79	20.80	20.78	22	2
1.4	64QAM	1	0	20.85	20.82	20.79	22	2
1.4	64QAM	1	3	20.67	20.87	20.60		
1.4	64QAM	1	5	20.81	20.82	20.78		
1.4	64QAM	3	0	20.74	20.72	20.67		
1.4	64QAM	3	1	20.78	20.80	20.66		
1.4	64QAM	3	3	20.60	20.74	20.46		
1.4	64QAM	6	0	19.96	19.85	19.73	21	3
1.4	256QAM	1	0	17.84	17.88	17.78	19	5
1.4	256QAM	1	3	17.72	17.90	17.59		
1.4	256QAM	1	5	17.81	17.77	17.74		
1.4	256QAM	3	0	17.82	17.83	17.80		
1.4	256QAM	3	1	17.88	17.80	17.89		
1.4	256QAM	3	3	17.71	17.80	17.67		
1.4	256QAM	6	0	17.68	17.91	17.71	19	5

Band 66 Ant 3 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.62	22.66	22.60	24	0
20	QPSK	1	49	22.57	22.62	22.58		
20	QPSK	1	99	22.53	22.58	22.57		
20	QPSK	50	0	21.64	21.72	21.66	23	1
20	QPSK	50	24	21.59	21.59	21.58		
20	QPSK	50	50	21.52	21.53	21.62		
20	QPSK	100	0	21.65	21.70	21.63		
20	16QAM	1	0	21.68	21.69	21.61	23	1
20	16QAM	1	49	21.59	21.59	21.58		
20	16QAM	1	99	21.50	21.60	21.56		
20	16QAM	50	0	20.63	20.67	20.65	22	2
20	16QAM	50	24	20.57	20.62	20.55		
20	16QAM	50	50	20.52	20.56	20.66		
20	16QAM	100	0	20.67	20.71	20.63		
20	64QAM	1	0	20.66	20.73	20.61	22	2
20	64QAM	1	49	20.56	20.56	20.55		
20	64QAM	1	99	20.48	20.64	20.61		
20	64QAM	50	0	19.64	19.66	19.69	21	3
20	64QAM	50	24	19.59	19.61	19.59		
20	64QAM	50	50	19.47	19.51	19.64		
20	64QAM	100	0	19.66	19.69	19.63		
20	256QAM	1	0	17.63	17.69	17.69	19	5
20	256QAM	1	49	17.62	17.53	17.54		
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64	19	5
20	256QAM	50	24	17.69	17.73	17.59		
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.55	22.62	22.58	24	0
15	QPSK	1	37	22.54	22.54	22.49		
15	QPSK	1	74	22.46	22.49	22.50		
15	QPSK	36	0	21.56	21.67	21.61	23	1
15	QPSK	36	20	21.53	21.48	21.44		
15	QPSK	36	39	21.39	21.40	21.53		
15	QPSK	75	0	21.59	21.65	21.54		
15	16QAM	1	0	21.58	21.63	21.51	23	1
15	16QAM	1	37	21.48	21.53	21.50		
15	16QAM	1	74	21.48	21.49	21.51		
15	16QAM	36	0	20.59	20.57	20.63	22	2
15	16QAM	36	20	20.53	20.54	20.46		
15	16QAM	36	39	20.46	20.50	20.60		
15	16QAM	75	0	20.63	20.63	20.53		
15	64QAM	1	0	20.63	20.65	20.57	22	2
15	64QAM	1	37	20.42	20.43	20.49		
15	64QAM	1	74	20.40	20.54	20.55		
15	64QAM	36	0	19.52	19.63	19.63	21	3
15	64QAM	36	20	19.52	19.54	19.49		
15	64QAM	36	39	19.33	19.41	19.58		
15	64QAM	75	0	19.57	19.58	19.53		
15	256QAM	1	0	17.57	17.60	17.63	19	5
15	256QAM	1	37	17.56	17.44	17.52		
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52	19	5
15	256QAM	36	20	17.58	17.63	17.54		
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.50	22.55	22.54	24	0
10	QPSK	1	25	22.47	22.51	22.49		
10	QPSK	1	49	22.51	22.51	22.50		
10	QPSK	25	0	21.60	21.59	21.63	23	1
10	QPSK	25	12	21.49	21.47	21.47		
10	QPSK	25	25	21.42	21.46	21.49		
10	QPSK	50	0	21.55	21.56	21.56		
10	16QAM	1	0	21.65	21.63	21.55	23	1
10	16QAM	1	25	21.52	21.48	21.53		
10	16QAM	1	49	21.41	21.47	21.51		
10	16QAM	25	0	20.55	20.63	20.62	22	2
10	16QAM	25	12	20.49	20.60	20.49		
10	16QAM	25	25	20.44	20.46	20.59		
10	16QAM	50	0	20.56	20.68	20.52		
10	64QAM	1	0	20.52	20.60	20.49	22	2
10	64QAM	1	25	20.52	20.48	20.53		
10	64QAM	1	49	20.43	20.51	20.49		
10	64QAM	25	0	19.57	19.56	19.62	21	3
10	64QAM	25	12	19.53	19.57	19.46		
10	64QAM	25	25	19.38	19.44	19.54		
10	64QAM	50	0	19.56	19.64	19.52		
10	256QAM	1	0	17.54	17.56	17.66	19	5
10	256QAM	1	25	17.58	17.51	17.47		
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56	19	5
10	256QAM	25	12	17.61	17.71	17.49		
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.55	22.56	24	0
5	QPSK	1	12	22.54	22.59	22.47		
5	QPSK	1	24	22.43	22.54	22.54		
5	QPSK	12	0	21.50	21.69	21.62	23	1
5	QPSK	12	7	21.48	21.55	21.47		
5	QPSK	12	13	21.43	21.44	21.52		
5	QPSK	25	0	21.53	21.57	21.60		
5	16QAM	1	0	21.63	21.61	21.48	23	1
5	16QAM	1	12	21.47	21.54	21.55		
5	16QAM	1	24	21.47	21.52	21.46		
5	16QAM	12	0	20.54	20.59	20.56	22	2
5	16QAM	12	7	20.47	20.52	20.44		
5	16QAM	12	13	20.45	20.48	20.56		
5	16QAM	25	0	20.54	20.60	20.54		
5	64QAM	1	0	20.52	20.62	20.50	22	2
5	64QAM	1	12	20.48	20.49	20.47		
5	64QAM	1	24	20.45	20.58	20.58		
5	64QAM	12	0	19.52	19.53	19.63	21	3
5	64QAM	12	7	19.50	19.49	19.54		
5	64QAM	12	13	19.44	19.44	19.60		
5	64QAM	25	0	19.55	19.56	19.52		
5	256QAM	1	0	17.52	17.57	17.62	19	5
5	256QAM	1	12	17.53	17.41	17.51		
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61	19	5
5	256QAM	12	7	17.59	17.66	17.55		
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.64	22.49	24	0
3	QPSK	1	8	22.45	22.55	22.47		
3	QPSK	1	14	22.45	22.47	22.43		
3	QPSK	8	0	21.60	21.70	21.61	23	1
3	QPSK	8	4	21.52	21.47	21.55		
3	QPSK	8	7	21.41	21.46	21.51		
3	QPSK	15	0	21.55	21.62	21.58		
3	16QAM	1	0	21.65	21.57	21.53	23	1
3	16QAM	1	8	21.50	21.57	21.48		
3	16QAM	1	14	21.38	21.50	21.44		
3	16QAM	8	0	20.58	20.58	20.54	22	2
3	16QAM	8	4	20.48	20.51	20.48		
3	16QAM	8	7	20.41	20.47	20.59		
3	16QAM	15	0	20.54	20.58	20.61		
3	64QAM	1	0	20.53	20.63	20.57	22	2
3	64QAM	1	8	20.51	20.47	20.42		
3	64QAM	1	14	20.34	20.59	20.51		
3	64QAM	8	0	19.52	19.60	19.60	21	3
3	64QAM	8	4	19.54	19.49	19.46		
3	64QAM	8	7	19.40	19.41	19.53		
3	64QAM	15	0	19.54	19.63	19.58		
3	256QAM	1	0	17.55	17.60	17.66	19	5
3	256QAM	1	8	17.51	17.44	17.44		
3	256QAM	1	14	17.51	17.45	17.43		
3	256QAM	8	0	17.61	17.62	17.53	19	5
3	256QAM	8	4	17.58	17.60	17.47		
3	256QAM	8	7	17.61	17.57	17.49		
3	256QAM	15	0	17.37	17.60	17.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.55	22.63	22.53	24	0
1.4	QPSK	1	3	22.48	22.59	22.45		
1.4	QPSK	1	5	22.40	22.49	22.55		
1.4	QPSK	3	0	22.46	22.60	22.48		
1.4	QPSK	3	1	22.45	22.57	22.43		
1.4	QPSK	3	3	22.27	22.41	22.50		
1.4	QPSK	6	0	21.54	21.56	21.58	23	1
1.4	16QAM	1	0	21.58	21.66	21.49	23	1
1.4	16QAM	1	3	21.49	21.49	21.48		
1.4	16QAM	1	5	21.41	21.54	21.47		
1.4	16QAM	3	0	21.47	21.44	21.45		
1.4	16QAM	3	1	21.51	21.63	21.41		
1.4	16QAM	3	3	21.41	21.41	21.45		
1.4	16QAM	6	0	20.58	20.57	20.56	22	2
1.4	64QAM	1	0	20.63	20.71	20.56	22	2
1.4	64QAM	1	3	20.50	20.46	20.51		
1.4	64QAM	1	5	20.38	20.62	20.58		
1.4	64QAM	3	0	20.52	20.54	20.46		
1.4	64QAM	3	1	20.61	20.64	20.45		
1.4	64QAM	3	3	20.39	20.44	20.43		
1.4	64QAM	6	0	19.54	19.63	19.51	21	3
1.4	256QAM	1	0	17.55	17.61	17.61	19	5
1.4	256QAM	1	3	17.56	17.40	17.44		
1.4	256QAM	1	5	17.46	17.46	17.52		
1.4	256QAM	3	0	17.58	17.68	17.57		
1.4	256QAM	3	1	17.56	17.65	17.54		
1.4	256QAM	3	3	17.60	17.58	17.53		
1.4	256QAM	6	0	17.41	17.54	17.53	19	5

Reduced Power Mode for DSI 2_Other Path

Band 2 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.08	21.89		
20	QPSK	1	99	21.94	22.00	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.05	19.92	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.86		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.05	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13	18	5
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.95	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.85		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.06	20.01	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00	20	3
15	64QAM	36	20	18.93	19.06	18.85		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01	18	5
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.85		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.89	20.94		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.06	20.06		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00	18	5
10	256QAM	25	12	17.05	16.97	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.76		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.02	20.93		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.88	19.88		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.07	17.03	18	5
5	256QAM	12	7	17.09	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97	20	3
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99		
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 5 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.58		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.90	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.96	20.71	22	2
10	16QAM	25	12	20.78	20.75	20.58		
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77	22	2
10	64QAM	1	25	20.72	20.68	20.53		
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64	21	3
10	64QAM	25	12	19.74	19.77	19.58		
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72	19	5
10	256QAM	1	25	17.78	17.75	17.54		
10	256QAM	1	49	17.71	17.62	17.51		
10	256QAM	25	0	17.84	17.83	17.61	19	5
10	256QAM	25	12	17.71	17.77	17.69		
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59	24	0
5	QPSK	1	12	22.69	22.62	22.58		
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63	23	1
5	QPSK	12	7	21.67	21.61	21.53		
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62	23	1
5	16QAM	1	12	21.63	21.64	21.47		
5	16QAM	1	24	21.57	21.63	21.38		
5	16QAM	12	0	20.60	20.73	20.63	22	2
5	16QAM	12	7	20.75	20.71	20.50		
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69	22	2
5	64QAM	1	12	20.62	20.65	20.46		
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50	21	3
5	64QAM	12	7	19.70	19.69	19.45		
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.66	19.56		
5	256QAM	1	0	17.57	17.74	17.60	19	5
5	256QAM	1	12	17.68	17.66	17.49		
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55	19	5
5	256QAM	12	7	17.66	17.70	17.64		
5	256QAM	12	13	17.70	17.64	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59	24	0
3	QPSK	1	8	22.60	22.58	22.49		
3	QPSK	1	14	22.51	22.63	22.50		
3	QPSK	8	0	21.65	21.77	21.59	23	1
3	QPSK	8	4	21.63	21.62	21.47		
3	QPSK	8	7	21.59	21.49	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.73	21.62	23	1
3	16QAM	1	8	21.67	21.63	21.45		
3	16QAM	1	14	21.48	21.53	21.39		
3	16QAM	8	0	20.64	20.79	20.59	22	2
3	16QAM	8	4	20.69	20.62	20.55		
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.70	20.59		
3	64QAM	1	0	20.56	20.60	20.65	22	2
3	64QAM	1	8	20.63	20.58	20.51		
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.57	19.76	19.53	21	3
3	64QAM	8	4	19.71	19.74	19.48		
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.69	17.76	17.62	19	5
3	256QAM	1	8	17.74	17.68	17.40		
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56	19	5
3	256QAM	8	4	17.65	17.73	17.63		
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.51	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65	24	0
1.4	QPSK	1	3	22.62	22.68	22.51		
1.4	QPSK	1	5	22.50	22.54	22.50		
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.45	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67	23	1
1.4	16QAM	1	3	21.59	21.64	21.51		
1.4	16QAM	1	5	21.49	21.55	21.39		
1.4	16QAM	3	0	21.55	21.68	21.53		
1.4	16QAM	3	1	21.56	21.60	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.62	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67	22	2
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.54	20.48		
1.4	64QAM	3	0	20.65	20.59	20.55		
1.4	64QAM	3	1	20.59	20.59	20.64		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64	19	5
1.4	256QAM	1	3	17.74	17.65	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45		
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.16	23	0
20	QPSK	1	49	22.09	22.21	22.06		
20	QPSK	1	99	22.14	22.20	22.07		
20	QPSK	50	0	21.16	21.31	21.20	22	1
20	QPSK	50	24	21.14	21.18	21.05		
20	QPSK	50	50	21.12	21.21	21.04		
20	QPSK	100	0	21.23	21.26	21.16		
20	16QAM	1	0	21.15	21.20	21.12	22	1
20	16QAM	1	49	21.14	21.15	21.10		
20	16QAM	1	99	21.13	21.23	21.02		
20	16QAM	50	0	20.21	20.28	20.19	21	2
20	16QAM	50	24	20.15	20.13	20.06		
20	16QAM	50	50	20.09	20.20	20.10		
20	16QAM	100	0	20.20	20.25	20.18		
20	64QAM	1	0	20.14	20.19	20.11	21	2
20	64QAM	1	49	20.16	20.11	20.09		
20	64QAM	1	99	20.18	20.21	20.06		
20	64QAM	50	0	19.17	19.25	19.23	20	3
20	64QAM	50	24	19.09	19.15	19.02		
20	64QAM	50	50	19.07	19.17	19.03		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	17.14	17.27	17.23	18	5
20	256QAM	1	49	17.06	17.15	17.01		
20	256QAM	1	99	17.16	17.18	17.04		
20	256QAM	50	0	17.28	17.21	17.20	18	5
20	256QAM	50	24	17.11	17.16	17.13		
20	256QAM	50	50	17.10	17.10	17.07		
20	256QAM	100	0	17.10	17.27	17.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.13	22.22	22.02	23	0
15	QPSK	1	37	21.95	22.08	21.94		
15	QPSK	1	74	22.05	22.17	21.95		
15	QPSK	36	0	21.07	21.27	21.18	22	1
15	QPSK	36	20	21.06	21.08	20.96		
15	QPSK	36	39	21.01	21.08	20.96		
15	QPSK	75	0	21.12	21.22	21.04		
15	16QAM	1	0	21.12	21.07	21.00	22	1
15	16QAM	1	37	21.04	21.05	21.03		
15	16QAM	1	74	20.99	21.11	20.94		
15	16QAM	36	0	20.15	20.15	20.16	21	2
15	16QAM	36	20	20.01	20.03	20.01		
15	16QAM	36	39	20.01	20.09	20.07		
15	16QAM	75	0	20.14	20.13	20.09		
15	64QAM	1	0	20.03	20.11	20.01	21	2
15	64QAM	1	37	20.10	20.02	20.05		
15	64QAM	1	74	20.06	20.16	19.93		
15	64QAM	36	0	19.12	19.16	19.13	20	3
15	64QAM	36	20	19.05	19.12	18.93		
15	64QAM	36	39	18.93	19.05	18.89		
15	64QAM	75	0	19.15	19.23	19.06		
15	256QAM	1	0	17.12	17.15	17.11	18	5
15	256QAM	1	37	17.03	17.02	16.93		
15	256QAM	1	74	17.06	17.14	16.97		
15	256QAM	36	0	17.26	17.17	17.07	18	5
15	256QAM	36	20	17.02	17.11	17.01		
15	256QAM	36	39	17.04	16.98	16.98		
15	256QAM	75	0	16.97	17.16	17.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.14	22.19	22.08	23	0
10	QPSK	1	25	21.99	22.16	21.97		
10	QPSK	1	49	22.04	22.16	21.95		
10	QPSK	25	0	21.09	21.21	21.11	22	1
10	QPSK	25	12	21.01	21.10	21.02		
10	QPSK	25	25	21.04	21.18	20.98		
10	QPSK	50	0	21.16	21.16	21.04		
10	16QAM	1	0	21.10	21.07	21.07	22	1
10	16QAM	1	25	21.04	21.02	21.04		
10	16QAM	1	49	21.05	21.09	20.93		
10	16QAM	25	0	20.19	20.22	20.06	21	2
10	16QAM	25	12	20.01	20.05	20.02		
10	16QAM	25	25	19.96	20.07	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 30 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	5
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.49	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	5
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.28	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.56	21.46		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54	22	2
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

Band 2 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.37	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.05		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.28	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.10	17.31	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22		
5	QPSK	1	12	22.20	22.24	22.10	24	0
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.26	21.20	21.17		
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21		
3	QPSK	1	8	22.17	22.19	22.12	24	0
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.08	17.29	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11		
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04	24	0
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.06	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17		
1.4	16QAM	1	3	21.11	21.03	21.14		
1.4	16QAM	1	5	21.06	21.12	21.05	23	1
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13		
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.13	20.16	20.11	22	2
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09		
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00	19	5
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85		
10	QPSK	1	25	22.86	22.89	22.78	24	0
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.89	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83		
5	QPSK	1	12	22.76	22.78	22.71	24	0
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76		
3	QPSK	1	8	22.74	22.76	22.72	24	0
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
3	16QAM	8	4	20.83	20.88	20.70	22	2
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0	22.33			23	0
10	QPSK	1	25	22.30				
10	QPSK	1	49	22.28				
10	QPSK	25	0	21.36			22	1
10	QPSK	25	12	21.25				
10	QPSK	25	25	21.27				
10	QPSK	50	0	21.34				
10	16QAM	1	0	21.32			22	1
10	16QAM	1	25	21.31				
10	16QAM	1	49	21.32				
10	16QAM	25	0	20.34			21	2
10	16QAM	25	12	20.29				
10	16QAM	25	25	20.26				
10	16QAM	50	0	20.36				
10	64QAM	1	0	20.34			21	2
10	64QAM	1	25	20.33				
10	64QAM	1	49	20.34				
10	64QAM	25	0	19.42			20	3
10	64QAM	25	12	19.24				
10	64QAM	25	25	19.28				
10	64QAM	50	0	19.38				
10	256QAM	1	0	17.33			18	5
10	256QAM	1	25	17.27				
10	256QAM	1	49	17.23				
10	256QAM	25	0	17.35			18	5
10	256QAM	25	12	17.37				
10	256QAM	25	25	17.29				
10	256QAM	50	0	17.38				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	17.06	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.74	20.87	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.96	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.48	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.93	18.15	18.01	19.1	0
20	QPSK	1	49	17.92	18.02	17.92		
20	QPSK	1	99	17.91	18.05	17.97		
20	QPSK	50	0	18.02	18.11	17.99		
20	QPSK	50	24	17.92	18.10	18.04		
20	QPSK	50	50	17.93	18.07	17.95		
20	QPSK	100	0	17.91	18.05	17.98		
20	16QAM	1	0	17.91	18.07	18.02		
20	16QAM	1	49	18.00	17.97	17.94		
20	16QAM	1	99	17.94	18.06	17.96		
20	16QAM	50	0	18.03	17.95	17.97		
20	16QAM	50	24	17.99	17.98	17.94		
20	16QAM	50	50	17.93	17.96	18.04		
20	16QAM	100	0	17.89	17.99	18.11		
20	64QAM	1	0	17.99	17.99	17.91		
20	64QAM	1	49	17.95	17.97	18.00		
20	64QAM	1	99	17.95	18.02	17.95		
20	64QAM	50	0	18.01	18.07	17.99		
20	64QAM	50	24	17.90	17.99	17.97		
20	64QAM	50	50	17.97	17.97	17.99		
20	64QAM	100	0	17.93	18.02	17.94		
20	256QAM	1	0	17.78	17.98	17.92		
20	256QAM	1	49	17.88	18.02	17.87	19	0.1
20	256QAM	1	99	17.88	18.03	17.87		
20	256QAM	50	0	17.89	18.03	17.87		
20	256QAM	50	24	17.90	18.07	17.84	19	0.1
20	256QAM	50	50	17.87	18.00	17.95		
20	256QAM	100	0	17.89	17.97	17.95		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.86	18.03	17.96	19.1	0
15	QPSK	1	37	17.86	17.90	17.79		
15	QPSK	1	74	17.81	18.01	17.87		
15	QPSK	36	0	17.87	17.98	17.85		
15	QPSK	36	20	17.80	17.96	17.97		
15	QPSK	36	39	17.80	18.01	17.87		
15	QPSK	75	0	17.86	17.93	17.89		
15	16QAM	1	0	17.83	17.96	17.93		
15	16QAM	1	37	17.80	17.86	17.85		
15	16QAM	1	74	17.82	17.87	17.87		
15	16QAM	36	0	17.93	17.88	17.83		
15	16QAM	36	20	17.89	17.87	17.82		
15	16QAM	36	39	17.87	17.85	17.93		
15	16QAM	75	0	17.82	17.85	18.06		
15	64QAM	1	0	17.94	17.89	17.79		
15	64QAM	1	37	17.88	17.82	17.84	19.1	0
15	64QAM	1	74	17.81	17.91	17.90		
15	64QAM	36	0	17.89	17.96	17.93		
15	64QAM	36	20	17.82	17.92	17.88		
15	64QAM	36	39	17.88	17.89	17.84		
15	64QAM	75	0	17.80	17.87	17.83		
15	256QAM	1	0	17.72	17.87	17.87		
15	256QAM	1	37	17.76	17.95	17.75	19	0.1
15	256QAM	1	74	17.76	17.95	17.78		
15	256QAM	36	0	17.82	17.93	17.74		
15	256QAM	36	20	17.82	17.98	17.69	19	0.1
15	256QAM	36	39	17.73	17.92	17.84		
15	256QAM	75	0	17.75	17.84	17.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
10	QPSK	1	0	17.85	17.98	17.90	19.1	0
10	QPSK	1	25	17.78	17.94	17.83		
10	QPSK	1	49	17.83	17.96	17.91		
10	QPSK	25	0	17.96	18.02	17.91		
10	QPSK	25	12	17.83	18.00	17.94		
10	QPSK	25	25	17.80	18.00	17.85		
10	QPSK	50	0	17.80	17.98	17.87		
10	16QAM	1	0	17.81	18.03	17.89		
10	16QAM	1	25	17.86	17.86	17.86		
10	16QAM	1	49	17.81	18.01	17.89		
10	16QAM	25	0	17.97	17.88	17.90		
10	16QAM	25	12	17.91	17.87	17.86		
10	16QAM	25	25	17.87	17.87	18.00		
10	16QAM	50	0	17.81	17.85	18.03		
10	64QAM	1	0	17.90	17.86	17.76		
10	64QAM	1	25	17.88	17.82	17.86	19.1	0
10	64QAM	1	49	17.83	17.89	17.89		
10	64QAM	25	0	17.91	17.94	17.86		
10	64QAM	25	12	17.81	17.87	17.85		
10	64QAM	25	25	17.90	17.84	17.90		
10	64QAM	50	0	17.81	17.98	17.84		
10	256QAM	1	0	17.83	17.94	17.87		
10	256QAM	1	25	17.80	17.92	17.80	19	0.1
10	256QAM	1	49	17.73	17.98	17.74		
10	256QAM	25	0	17.74	17.88	17.71		
10	256QAM	25	12	17.84	18.01	17.72	19	0.1
10	256QAM	25	25	17.73	17.93	17.74		
10	256QAM	50	0	17.74	17.86	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.89	18.03	17.85	19.1	0
5	QPSK	1	12	17.76	17.96	17.87		
5	QPSK	1	24	17.82	17.92	17.88		
5	QPSK	12	0	17.93	17.99	17.87		
5	QPSK	12	7	17.77	17.95	17.92		
5	QPSK	12	13	17.81	17.93	17.82		
5	QPSK	25	0	17.84	17.95	17.91		
5	16QAM	1	0	17.77	17.98	17.88		
5	16QAM	1	12	17.82	17.92	17.83		
5	16QAM	1	24	17.87	17.94	17.81		
5	16QAM	12	0	17.92	17.84	17.85		
5	16QAM	12	7	17.90	17.94	17.78		
5	16QAM	12	13	17.82	17.89	17.88		
5	16QAM	25	0	17.75	17.87	18.01		
5	64QAM	1	0	17.93	17.83	17.79		
5	64QAM	1	12	17.88	17.82	17.94	19.1	0
5	64QAM	1	24	17.90	17.77	17.83		
5	64QAM	12	0	17.96	17.92	17.89		
5	64QAM	12	7	17.86	17.94	17.92	19.1	0
5	64QAM	12	13	17.87	17.84	17.89		
5	64QAM	25	0	17.79	17.97	17.81		
5	256QAM	1	0	17.70	17.85	17.85		
5	256QAM	1	12	17.79	17.91	17.77	19	0.1
5	256QAM	1	24	17.78	17.97	17.73		
5	256QAM	12	0	17.80	17.92	17.78	19	0.1
5	256QAM	12	7	17.74	17.94	17.70		
5	256QAM	12	13	17.78	17.86	17.77		
5	256QAM	25	0	17.78	17.83	17.86		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.84	18.03	17.87	19.1	0
3	QPSK	1	8	17.88	17.93	17.80		
3	QPSK	1	14	17.85	18.00	17.79		
3	QPSK	8	0	17.97	17.93	17.90		
3	QPSK	8	4	17.79	17.99	17.98		
3	QPSK	8	7	17.84	18.01	17.80		
3	QPSK	15	0	17.80	17.90	17.86		
3	16QAM	1	0	17.86	18.01	17.91		
3	16QAM	1	8	17.95	17.83	17.89	19.1	0
3	16QAM	1	14	17.85	17.90	17.85		
3	16QAM	8	0	17.97	17.87	17.92		
3	16QAM	8	4	17.92	17.82	17.79	19.1	0
3	16QAM	8	7	17.82	17.92	17.98		
3	16QAM	15	0	17.78	17.88	17.99		
3	64QAM	1	0	17.88	17.92	17.86		
3	64QAM	1	8	17.90	17.85	17.85	19.1	0
3	64QAM	1	14	17.86	17.95	17.80		
3	64QAM	8	0	17.96	18.00	17.91		
3	64QAM	8	4	17.76	17.94	17.88	19.1	0
3	64QAM	8	7	17.89	17.82	17.91		
3	64QAM	15	0	17.87	17.93	17.87		
3	256QAM	1	0	17.65	17.85	17.76		
3	256QAM	1	8	17.72	17.93	17.74	19	0.1
3	256QAM	1	14	17.84	17.98	17.73		
3	256QAM	8	0	17.79	17.97	17.72		
3	256QAM	8	4	17.75	17.92	17.72	19	0.1
3	256QAM	8	7	17.76	17.96	17.83		
3	256QAM	15	0	17.80	17.86	17.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.75	17.94	17.59	19.1	0
1.4	QPSK	1	3	17.65	17.71	17.72		
1.4	QPSK	1	5	17.67	17.74	17.61		
1.4	QPSK	3	0	17.78	17.52	17.66		
1.4	QPSK	3	1	17.57	17.62	17.60		
1.4	QPSK	3	3	17.67	17.84	17.67		
1.4	QPSK	6	0	17.54	17.74	17.71	19.1	0
1.4	16QAM	1	0	17.71	17.77	17.81	19.1	0
1.4	16QAM	1	3	17.74	17.70	17.71		
1.4	16QAM	1	5	17.60	17.66	17.61		
1.4	16QAM	3	0	17.81	17.68	17.65		
1.4	16QAM	3	1	17.67	17.60	17.67		
1.4	16QAM	3	3	17.69	17.68	17.54		
1.4	16QAM	6	0	17.67	17.76	17.52	19.1	0
1.4	64QAM	1	0	17.68	17.79	17.65	19.1	0
1.4	64QAM	1	3	17.73	17.71	17.60		
1.4	64QAM	1	5	17.74	17.73	17.57		
1.4	64QAM	3	0	17.68	17.64	17.53		
1.4	64QAM	3	1	17.74	17.67	17.61		
1.4	64QAM	3	3	17.69	17.71	17.66		
1.4	64QAM	6	0	17.66	17.67	17.65		
1.4	256QAM	1	0	17.52	17.51	17.51	19	0.1
1.4	256QAM	1	3	17.46	17.47	17.39		
1.4	256QAM	1	5	17.36	17.55	17.52		
1.4	256QAM	3	0	17.50	17.47	17.43		
1.4	256QAM	3	1	17.41	17.60	17.54		
1.4	256QAM	3	3	17.54	17.49	17.43		
1.4	256QAM	6	0	17.53	17.47	17.42	19	0.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.93	17.99	17.98	19.3	0
20	QPSK	1	49	17.84	17.96	17.83		
20	QPSK	1	99	17.83	17.94	17.81		
20	QPSK	50	0	17.87	17.95	17.82		
20	QPSK	50	24	17.94	17.88	17.80		
20	QPSK	50	50	17.83	17.92	17.88		
20	QPSK	100	0	17.86	17.97	17.81		
20	16QAM	1	0	17.94	17.96	17.87		
20	16QAM	1	49	17.94	17.95	17.84		
20	16QAM	1	99	17.85	17.97	17.84		
20	16QAM	50	0	17.83	17.94	17.81		
20	16QAM	50	24	17.84	17.95	17.87		
20	16QAM	50	50	17.95	17.95	17.82		
20	16QAM	100	0	17.83	17.89	17.90		
20	64QAM	1	0	17.86	17.90	17.87		
20	64QAM	1	49	17.83	17.88	17.90		
20	64QAM	1	99	17.94	17.88	17.85		
20	64QAM	50	0	17.92	17.97	17.88		
20	64QAM	50	24	17.93	17.89	17.90		
20	64QAM	50	50	17.85	17.96	17.81		
20	64QAM	100	0	17.94	17.98	17.80		
20	256QAM	1	0	17.62	17.59	17.53	19	0.3
20	256QAM	1	49	17.61	17.69	17.55		
20	256QAM	1	99	17.60	17.59	17.54		
20	256QAM	50	0	17.55	17.69	17.54		
20	256QAM	50	24	17.57	17.68	17.61	19	0.3
20	256QAM	50	50	17.60	17.64	17.59		
20	256QAM	100	0	17.61	17.58	17.61		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.84	17.94	17.83	19.3	0
15	QPSK	1	37	17.77	17.87	17.79		
15	QPSK	1	74	17.72	17.73	17.66		
15	QPSK	36	0	17.81	17.81	17.69		
15	QPSK	36	20	17.87	17.89	17.71		
15	QPSK	36	39	17.67	17.87	17.82		
15	QPSK	75	0	17.76	17.82	17.65		
15	16QAM	1	0	17.81	17.91	17.72	19.3	0
15	16QAM	1	37	17.86	17.81	17.76		
15	16QAM	1	74	17.74	17.88	17.78		
15	16QAM	36	0	17.77	17.83	17.71		
15	16QAM	36	20	17.74	17.90	17.74	19.3	0
15	16QAM	36	39	17.85	17.81	17.71		
15	16QAM	75	0	17.70	17.77	17.83		
15	64QAM	1	0	17.72	17.84	17.80	19.3	0
15	64QAM	1	37	17.77	17.74	17.77		
15	64QAM	1	74	17.83	17.81	17.75		
15	64QAM	36	0	17.76	17.82	17.73	19.3	0
15	64QAM	36	20	17.85	17.84	17.77		
15	64QAM	36	39	17.80	17.81	17.72		
15	64QAM	75	0	17.84	17.89	17.68		
15	256QAM	1	0	17.48	17.55	17.43	19	0.3
15	256QAM	1	37	17.46	17.56	17.46		
15	256QAM	1	74	17.55	17.54	17.46		
15	256QAM	36	0	17.48	17.59	17.44	19	0.3
15	256QAM	36	20	17.44	17.54	17.52		
15	256QAM	36	39	17.53	17.52	17.44		
15	256QAM	75	0	17.54	17.49	17.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.68	17.92	17.82	19.3	0
10	QPSK	1	25	17.69	17.90	17.70		
10	QPSK	1	49	17.74	17.81	17.77		
10	QPSK	25	0	17.73	17.82	17.75	19.3	0
10	QPSK	25	12	17.84	17.83	17.76		
10	QPSK	25	25	17.67	17.83	17.76		
10	QPSK	50	0	17.83	17.86	17.65		
10	16QAM	1	0	17.80	17.83	17.77	19.3	0
10	16QAM	1	25	17.79	17.86	17.70		
10	16QAM	1	49	17.69	17.86	17.78		
10	16QAM	25	0	17.72	17.84	17.77	19.3	0
10	16QAM	25	12	17.72	17.84	17.74		
10	16QAM	25	25	17.86	17.81	17.71		
10	16QAM	50	0	17.74	17.80	17.82		
10	64QAM	1	0	17.71	17.77	17.81	19.3	0
10	64QAM	1	25	17.76	17.80	17.85		
10	64QAM	1	49	17.87	17.83	17.79		
10	64QAM	25	0	17.77	17.86	17.72	19.3	0
10	64QAM	25	12	17.86	17.79	17.78		
10	64QAM	25	25	17.72	17.81	17.70		
10	64QAM	50	0	17.81	17.83	17.66		
10	256QAM	1	0	17.46	17.44	17.40	19	0.3
10	256QAM	1	25	17.56	17.64	17.39		
10	256QAM	1	49	17.52	17.47	17.47		
10	256QAM	25	0	17.39	17.62	17.46	19	0.3
10	256QAM	25	12	17.52	17.55	17.44		
10	256QAM	25	25	17.49	17.59	17.53		
10	256QAM	50	0	17.52	17.45	17.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.86	17.87	17.92	19.3	0
5	QPSK	1	12	17.73	17.87	17.71		
5	QPSK	1	24	17.75	17.82	17.72		
5	QPSK	12	0	17.82	17.81	17.66	19.3	0
5	QPSK	12	7	17.87	17.93	17.68		
5	QPSK	12	13	17.72	17.85	17.75		
5	QPSK	25	0	17.85	17.84	17.77		
5	16QAM	1	0	17.86	17.81	17.79	19.3	0
5	16QAM	1	12	17.83	17.85	17.73		
5	16QAM	1	24	17.75	17.91	17.77		
5	16QAM	12	0	17.68	17.86	17.77	19.3	0
5	16QAM	12	7	17.78	17.79	17.73		
5	16QAM	12	13	17.88	17.75	17.88		
5	16QAM	25	0	17.68	17.76	17.84		
5	64QAM	1	0	17.72	17.81	17.73	19.3	0
5	64QAM	1	12	17.75	17.77	17.83		
5	64QAM	1	24	17.80	17.73	17.75		
5	64QAM	12	0	17.76	17.90	17.81	19.3	0
5	64QAM	12	7	17.78	17.75	17.81		
5	64QAM	12	13	17.72	17.82	17.66		
5	64QAM	25	0	17.84	17.83	17.68		
5	256QAM	1	0	17.51	17.46	17.37	19	0.3
5	256QAM	1	12	17.46	17.56	17.42		
5	256QAM	1	24	17.49	17.49	17.45		
5	256QAM	12	0	17.44	17.60	17.40	19	0.3
5	256QAM	12	7	17.42	17.56	17.55		
5	256QAM	12	13	17.46	17.57	17.52		
5	256QAM	25	0	17.50	17.45	17.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.45		19.4	0
10	QPSK	1	25		18.22			
10	QPSK	1	49		18.24			
10	QPSK	25	0		18.33			
10	QPSK	25	12		18.28			
10	QPSK	25	25		18.28			
10	QPSK	50	0		18.30			
10	16QAM	1	0		18.26			
10	16QAM	1	25		18.21		19.4	0
10	16QAM	1	49		18.31			
10	16QAM	25	0		18.21			
10	16QAM	25	12		18.25		19.4	0
10	16QAM	25	25		18.25			
10	16QAM	50	0		18.20			
10	64QAM	1	0		18.27			
10	64QAM	1	25		18.28		19.4	0
10	64QAM	1	49		18.30			
10	64QAM	25	0		18.24			
10	64QAM	25	12		18.22		19.4	0
10	64QAM	25	25		18.21			
10	64QAM	50	0		18.26			
10	256QAM	1	0		17.86			
10	256QAM	1	25		17.91		19	0.4
10	256QAM	1	49		17.87			
10	256QAM	25	0		17.89			
10	256QAM	25	12		17.90		19	0.4
10	256QAM	25	25		17.91			
10	256QAM	50	0		17.85			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.29	18.32	18.36	19.4	0
5	QPSK	1	12	18.08	18.17	18.09		
5	QPSK	1	24	18.08	18.11	18.19		
5	QPSK	12	0	18.13	18.14	18.14	19.4	0
5	QPSK	12	7	18.20	18.20	18.15		
5	QPSK	12	13	18.15	18.14	18.18		
5	QPSK	25	0	18.14	18.20	18.15		
5	16QAM	1	0	18.11	18.13	18.12	19.4	0
5	16QAM	1	12	18.08	18.15	18.12		
5	16QAM	1	24	18.23	18.23	18.20		
5	16QAM	12	0	18.05	18.06	18.15		
5	16QAM	12	7	18.19	18.17	18.11	19.4	0
5	16QAM	12	13	18.11	18.10	18.20		
5	16QAM	25	0	18.12	18.07	18.09		
5	64QAM	1	0	18.13	18.18	18.19	19.4	0
5	64QAM	1	12	18.19	18.13	18.18		
5	64QAM	1	24	18.16	18.23	18.19		
5	64QAM	12	0	18.19	18.18	18.19	19.4	0
5	64QAM	12	7	18.11	18.14	18.11		
5	64QAM	12	13	18.09	18.06	18.13		
5	64QAM	25	0	18.17	18.16	18.14		
5	256QAM	1	0	17.73	17.75	17.72	19	0.4
5	256QAM	1	12	17.82	17.86	17.76		
5	256QAM	1	24	17.74	17.76	17.72		
5	256QAM	12	0	17.82	17.74	17.77	19	0.4
5	256QAM	12	7	17.74	17.85	17.76		
5	256QAM	12	13	17.86	17.86	17.77		
5	256QAM	25	0	17.77	17.71	17.75		

Band 66 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.01	18.18	17.90	19.2	0
20	QPSK	1	49	18.01	18.02	17.98		
20	QPSK	1	99	18.04	18.05	17.91		
20	QPSK	50	0	18.05	18.09	17.90		
20	QPSK	50	24	17.96	18.00	17.93		
20	QPSK	50	50	18.03	18.05	17.94		
20	QPSK	100	0	17.94	18.02	17.95		
20	16QAM	1	0	17.96	17.97	18.00		
20	16QAM	1	49	18.04	17.97	17.99		
20	16QAM	1	99	17.95	18.02	17.93		
20	16QAM	50	0	17.97	18.04	17.89		
20	16QAM	50	24	17.96	17.96	17.93		
20	16QAM	50	50	17.97	17.99	17.95		
20	16QAM	100	0	18.05	18.06	17.92		
20	64QAM	1	0	17.94	17.98	18.05		
20	64QAM	1	49	18.00	17.99	17.94		
20	64QAM	1	99	17.97	18.01	17.97		
20	64QAM	50	0	18.02	17.99	17.90		
20	64QAM	50	24	17.94	17.99	17.92		
20	64QAM	50	50	18.01	18.03	17.96		

Band 2 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.26	18.45	18.36		
20	QPSK	1	49	18.41	18.33	18.27	19.4	0
20	QPSK	1	99	18.32	18.34	18.40		
20	QPSK	50	0	18.30	18.40	18.30		
20	QPSK	50	24	18.24	18.39	18.38	19.4	0
20	QPSK	50	50	18.22	18.30	18.24		
20	QPSK	100	0	18.24	18.34	18.27		
20	16QAM	1	0	18.29	18.42	18.31		
20	16QAM	1	49	18.36	18.43	18.41	19.4	0
20	16QAM	1	99	18.32	18.37	18.34		
20	16QAM	50	0	18.34	18.37	18.35		
20	16QAM	50	24	18.34	18.36	18.31	19.4	0
20	16QAM	50	50	18.39	18.29	18.41		
20	16QAM	100	0	18.36	18.36	18.31		
20	64QAM	1	0	18.32	18.36	18.26		
20	64QAM	1	49	18.28	18.34	18.36	19.4	0
20	64QAM	1	99	18.33	18.39	18.32		
20	64QAM	50	0	18.29	18.34	18.32		
20	64QAM	50	24	18.30	18.24	18.35	19.4	0
20	64QAM	50	50	18.31	18.34	18.37		
20	64QAM	100	0	18.33	18.41	18.36		
20	256QAM	1	0	17.92	17.92	17.87		
20	256QAM	1	49	17.87	17.88	17.95	19	0.4
20	256QAM	1	99	17.92	18.05	17.91		
20	256QAM	50	0	17.87	17.95	17.94		
20	256QAM	50	24	17.97	17.92	17.97	19	0.4
20	256QAM	50	50	17.94	17.86	18.04		
20	256QAM	100	0	17.95	17.90	17.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.11	18.28	18.27		
15	QPSK	1	37	18.34	18.21	18.15	19.4	0
15	QPSK	1	74	18.27	18.19	18.35		
15	QPSK	36	0	18.15	18.32	18.24		
15	QPSK	36	20	18.10	18.34	18.22	19.4	0
15	QPSK	36	39	18.16	18.30	18.09		
15	QPSK	75	0	18.09	18.18	18.13		
15	16QAM	1	0	18.16	18.35	18.20		
15	16QAM	1	37	18.26	18.32	18.31	19.4	0
15	16QAM	1	74	18.24	18.32	18.27		
15	16QAM	36	0	18.27	18.24	18.28		
15	16QAM	36	20	18.23	18.27	18.23	19.4	0
15	16QAM	36	39	18.34	18.19	18.28		
15	16QAM	75	0	18.30	18.24	18.26		
15	64QAM	1	0	18.21	18.21	18.15		
15	64QAM	1	37	18.14	18.21	18.23	19.4	0
15	64QAM	1	74	18.18	18.34	18.23		
15	64QAM	36	0	18.23	18.28	18.27		
15	64QAM	36	20	18.21	18.18	18.22	19.4	0
15	64QAM	36	39	18.19	18.23	18.26		
15	64QAM	75	0	18.26	18.36	18.21		
15	256QAM	1	0	17.81	17.85	17.78		
15	256QAM	1	37	17.75	17.79	17.83	19	0.4
15	256QAM	1	74	17.81	17.92	17.86		
15	256QAM	36	0	17.78	17.89	17.84		
15	256QAM	36	20	17.91	17.87	17.87	19	0.4
15	256QAM	36	39	17.82	17.72	17.98		
15	256QAM	75	0	17.86	17.81	17.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.21	18.31	18.25		
10	QPSK	1	25	18.35	18.19	18.17	19.4	0
10	QPSK	1	49	18.20	18.19	18.25		
10	QPSK	25	0	18.24	18.33	18.17		
10	QPSK	25	12	18.17	18.29	18.29	19.4	0
10	QPSK	25	25	18.17	18.28	18.17		
10	QPSK	50	0	18.10	18.24	18.22		
10	16QAM	1	0	18.18	18.27	18.17		
10	16QAM	1	25	18.30	18.30	18.28	19.4	0
10	16QAM	1	49	18.21	18.32	18.22		
10	16QAM	25	0	18.21	18.30	18.20		
10	16QAM	25	12	18.25	18.20	18.17	19.4	0
10	16QAM	25	25	18.29	18.13	18.36		
10	16QAM	50	0	18.27	18.22	18.16		
10	64QAM	1	0	18.25	18.24	18.14		
10	64QAM	1	25	18.23	18.24	18.25	19.4	0
10	64QAM	1	49	18.18	18.27	18.19		
10	64QAM	25	0	18.22	18.20	18.20		
10	64QAM	25	12	18.19	18.14	18.27	19.4	0
10	64QAM	25	25	18.19	18.23	18.24		
10	64QAM	50	0	18.27	18.33	18.28		
10	256QAM	1	0	17.88	17.79	17.79		
10	256QAM	1	25	17.82	17.77	17.86	19	0.4
10	256QAM	1	49	17.83	17.95	17.85		
10	256QAM	25	0	17.71	17.83	17.83		
10	256QAM	25	12	17.82	17.80	17.83	19	0.4
10	256QAM	25	25	17.89	17.79	17.95		
10	256QAM	50	0	17.84	17.83	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.18	18.32	18.32		
5	QPSK	1	12	18.32	18.19	18.14	19.4	0
5	QPSK	1	24	18.28	18.21	18.35		
5	QPSK	12	0	18.15	18.28	18.25		
5	QPSK	12	7	18.10	18.24	18.26	19.4	0
5	QPSK	12	13	18.15	18.35	18.10		
5	QPSK	25	0	18.11	18.23	18.16		
5	16QAM	1	0	18.15	18.33	18.27		
5	16QAM	1	12	18.24	18.35	18.36	19.4	0
5	16QAM	1	24	18.21	18.27	18.21		
5	16QAM	12	0	18.22	18.24	18.25		
5	16QAM	12	7	18.28	18.20	18.23	19.4	0
5	16QAM	12	13	18.23	18.20	18.36		
5	16QAM	25	0	18.27	18.30	18.19		
5	64QAM	1	0	18.20	18.25	18.11		
5	64QAM	1	12	18.17	18.20	18.29	19.4	0
5	64QAM	1	24	18.22	18.31	18.16		
5	64QAM	12	0	18.13	18.24	18.20		
5	64QAM	12	7	18.17	18.17	18.20	19.4	0
5	64QAM	12	13	18.23	18.26	18.22		
5	64QAM	25	0	18.29	18.36	18.27		
5	256QAM	1	0	17.90	17.84	17.81		
5	256QAM	1	12	17.71	17.74	17.86	19	0.4
5	256QAM	1	24	17.86	17.98	17.84		
5	256QAM	12	0	17.82	17.90	17.79		
5	256QAM	12	7	17.88	17.77	17.86	19	0.4
5	256QAM	12	13	17.88	17.78	18.00		
5	256QAM	25	0	17.89	17.82	17.72		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.27	18.23		
3	QPSK	1	8	18.30	18.20	18.13	19.4	0
3	QPSK	1	14	18.27	18.23	18.33		
3	QPSK	8	0	18.18	18.30	18.25		
3	QPSK	8	4	18.08	18.30	18.22	19.4	0
3	QPSK	8	7	18.07	18.26	18.16		
3	QPSK	15	0	18.15	18.28	18.22		
3	16QAM	1	0	18.16	18.32	18.23		
3	16QAM	1	8	18.24	18.32	18.33	19.4	0
3	16QAM	1	14	18.21	18.27	18.24		
3	16QAM	8	0	18.26	18.26	18.23		
3	16QAM	8	4	18.26	18.30	18.26	19.4	0
3	16QAM	8	7	18.30	18.19	18.33		
3	16QAM	15	0	18.27	18.32	18.16		
3	64QAM	1	0	18.27	18.32	18.21		
3	64QAM	1	8	18.20	18.25	18.21	19.4	0
3	64QAM	1	14	18.25	18.29	18.23		
3	64QAM	8	0	18.25	18.19	18.20		
3	64QAM	8	4	18.21	18.11	18.29	19.4	0
3	64QAM	8	7	18.20	18.19	18.31		
3	64QAM	15	0	18.20	18.34	18.23		
3	256QAM	1	0	17.79	17.79	17.77		
3	256QAM	1	8	17.82	17.83	17.89	19	0.4
3	256QAM	1	14	17.85	17.98	17.85		
3	256QAM	8	0	17.78	17.81	17.87		
3	256QAM	8	4	17.82	17.85	17.92	19	0.4
3	256QAM	8	7	17.87	17.70	17.96		
3	256QAM	15	0	17.86	17.83	17.73		
Channel				18607	18908	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.13	18.26	18.20		
1.4	QPSK	1	3	18.33	18.18	18.18		
1.4	QPSK	1	5	18.25	18.22	18.31	19.4	0
1.4	QPSK	3	0	18.18	18.26	18.20		
1.4	QPSK	3	1	18.10	18.30	18.30		
1.4	QPSK	3	3	18.17	18.34	18.12		
1.4	QPSK	6	0	18.09	18.29	18.21	19.4	0
1.4	16QAM	1	0	18.23	18.29	18.19		
1.4	16QAM	1	3	18.30	18.28	18.25		
1.4	16QAM	1	5	18.25	18.23	18.25	19.4	0
1.4	16QAM	3	0	18.22	18.32	18.28		
1.4	16QAM	3	1	18.29	18.25	18.21		
1.4	16QAM	3	3	18.28	18.24	18.30		
1.4	16QAM	6	0	18.23	18.20	18.27	19.4	0
1.4	64QAM	1	0	18.17	18.31	18.14		
1.4	64QAM	1	3	18.15	18.25	18.27		
1.4	64QAM	1	5	18.20	18.32	18.18	19.4	0
1.4	64QAM	3	0	18.14	18.19	18.16		
1.4	64QAM	3	1	18.16	18.09	18.21		
1.4	64QAM	3	3	18.25	18.29	18.32		
1.4	64QAM	6	0	18.26	18.31	18.26	19.4	0
1.4	256QAM	1	0	17.86	17.86	17.73		
1.4	256QAM	1	3	17.77	17.74	17.80		
1.4	256QAM	1	5	17.86	18.00	17.86	19	0.4
1.4	256QAM	3	0	17.77	17.87	17.89		
1.4	256QAM	3	1	17.87	17.78	17.84		
1.4	256QAM	3	3	17.86	17.76	17.89		
1.4	256QAM	6	0	17.86	17.77	17.78	19	0.4

Band 66 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.67	18.85	18.69		
20	QPSK	1	49	18.71	18.72	18.74	20.1	0
20	QPSK	1	99	18.77	18.76	18.72		
20	QPSK	50	0	18.70	18.81	18.71		
20	QPSK	50	24	18.73	18.75	18.75	20.1	0
20	QPSK	50	50	18.66	18.71	18.66		
20	QPSK	100	0	18.68	18.79	18.66		
20	16QAM	1	0	18.76	18.80	18.65		
20	16QAM	1	49	18.76	18.78	18.64	20.1	0
20	16QAM	1	99	18.70	18.82	18.73		
20	16QAM	50	0	18.72	18.78	18.68		
20	16QAM	50	24	18.66	18.79	18.68	20.1	0
20	16QAM	50	50	18.67	18.76	18.74		
20	16QAM	100	0	18.71	18.78	18.64		
20	64QAM	1	0	18.69	18.80	18.69		
20	64QAM	1	49	18.71	18.73	18.76	20.1	0
20	64QAM	1	99	18.66	18.77	18.69		
20	64QAM	50	0	18.69	18.82	18.71		
20	64QAM	50	24	18.66	18.81	18.73	20.1	0
20	64QAM	50	50	18.77	18.74	18.67		
20	64QAM	100	0	18.73	18.76	18.71		
20	256QAM	1	0	17.64	17.64	17.58		
20	256QAM	1	49	17.65	17.61	17.56	19	1.1
20	256QAM	1	99	17.60	17.71	17.65		
20	256QAM	50	0	17.62	17.69	17.59		
20	256QAM	50	24	17.58	17.70	17.57	19	1.1
20	256QAM	50	50	17.58	17.71	17.57		
20	256QAM	100	0	17.60	17.66	17.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.58	18.55	18.55		
15	QPSK	1	37	18.66	18.63	18.69	20.1	0
15	QPSK	1	74	18.68	18.66	18.58		
15	QPSK	36	0	18.65	18.63	18.67		
15	QPSK	36	20	18.60	18.62	18.64	20.1	0
15	QPSK	36	39	18.58	18.59	18.58		
15	QPSK	75	0	18.64	18.67	18.57		
15	16QAM	1	0	18.68	18.70	18.60		
15	16QAM	1	37	18.67	18.71	18.58	20.1	0
15	16QAM	1	74	18.62	18.73	18.60		
15	16QAM	36	0	18.58	18.69	18.54		
15	16QAM	36	20	18.56	18.66	18.57	20.1	0
15	16QAM	36	39	18.62	18.71	18.66		
15	16QAM	75	0	18.63	18.72	18.55		
15	64QAM	1	0	18.64	18.73	18.54		
15	64QAM	1	37	18.64	18.63	18.71	20.1	0
15	64QAM	1	74	18.51	18.70	18.63		
15	64QAM	36	0	18.54	18.69	18.59		
15	64QAM	36	20	18.61	18.69	18.66	20.1	0
15	64QAM	36	39	18.71	18.70	18.63		
15	64QAM	75	0	18.60	18.65	18.58		
15	256QAM	1	0	17.52	17.52	17.51		
15	256QAM	1	37	17.58	17.53	17.44	19	1.1
15	256QAM	1	74	17.46	17.66	17.57		
15	256QAM	36	0	17.49	17.53	17.52		
15	256QAM	36	20	17.44	17.56	17.52	19	1.1
15	256QAM	36	39	17.53	17.62	17.48		
15	256QAM	75	0	17.45	17.55	17.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.59	18.57	18.64		
10	QPSK	1	25	18.56	18.67	18.65	20.1	0
10	QPSK	1	49	18.69	18.69	18.67		
10	QPSK	25	0	18.59	18.60	18.60		
10	QPSK	25	12	18.60	18.69	18.63	20.1	0
10	QPSK	25	25	18.59	18.59	18.52		
10	QPSK	50	0	18.52	18.68	18.56		
10	16QAM	1	0	18.68	18.75	18.60		
10	16QAM	1	25	18.69	18.66	18.55	20.1	0
10	16QAM	1	49	18.60	18.76	18.59		
10	16QAM	25	0	18.62	18.70	18.52		
10	16QAM	25	12	18.62	18.64	18.53	20.1	0
10	16QAM	25	25	18.51	18.63	18.63		
10	16QAM	50	0	18.63	18.71	18.48		
10	64QAM	1	0	18.54	18.72	18.58		
10	64QAM	1	25	18.62	18.58	18.69	20.1	0
10	64QAM	1	49	18.53	18.67	18.65		
10	64QAM	25	0	18.54	18.73	18.53		
10	64QAM	25	12	18.57	18.74	18.63	20.1	0
10	64QAM	25	25	18.62	18.69	18.55		
10	64QAM	50	0	18.63	18.65	18.62		
10	256QAM	1	0	17.54	17.55	17.45		
10	256QAM	1	25	17.60	17.49	17.42	19	1.1
10	256QAM	1	49	17.47	17.57	17.53		
10	256QAM	25	0	17.51	17.60	17.52		
10	256QAM	25	12	17.54	17.58	17.43	19	1.1
10	256QAM	25	25	17.51	17.62	17.45		
10	256QAM	50	0	17.52	17.52	17.43		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.58	18.64	18.56		
5	QPSK	1	12	18.63	18.57	18.63	20.1	0
5	QPSK	1	24	18.65	18.72	18.56		
5	QPSK	12	0	18.64	18.64	18.59		
5	QPSK	12	7	18.58	18.66	18.66	20.1	0
5	QPSK	12	13	18.59	18.55	18.59		
5	QPSK	25	0	18.59	18.75	18.53		
5	16QAM	1	0	18.63	18.66	18.50		
5	16QAM	1	12	18.69	18.72	18.53	20.1	0
5	16QAM	1	24	18.62	18.69	18.62		
5	16QAM	12	0	18.66	18.71	18.53		
5	16QAM	12	7	18.62	18.69	18.54	20.1	0
5	16QAM	12	13	18.60	18.64	18.63		
5	16QAM	25	0	18.58	18.68	18.48		
5	64QAM	1	0	18.64	18.64	18.57		
5	64QAM	1	12	18.66	18.64	18.67	20.1	0
5	64QAM	1	24	18.53	18.64	18.55		
5	64QAM	12	0	18.58	18.71	18.62		
5	64QAM	12	7	18.51	18.75	18.60	20.1	0
5	64QAM	12	13	18.64	18.59	18.62		
5	64QAM	25	0	18.63	18.65	18.63		
5	256QAM	1	0	17.53	17.54	17.51		
5	256QAM	1	12	17.52	17.52	17.45	19	1.1
5	256QAM	1	24	17.45	17.64	17.53		
5	256QAM	12	0	17.51	17.62	17.44		
5	256QAM	12	7	17.46	17.58	17.43	19	1.1
5	256QAM	12	13	17.52	17.66	17.46		
5	256QAM	25	0	17.46	17.52	17.44		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.52	18.61	18.54		
3	QPSK	1	8	18.62	18.63	18.64	20.1	0
3	QPSK	1	14	18.70	18.68	18.59		
3	QPSK	8	0	18.63	18.56	18.65		
3	QPSK	8	4	18.63	18.69	18.62	20.1	0
3	QPSK	8	7	18.58	18.62	18.59		
3	QPSK	15	0	18.58	18.67	18.54		
3	16QAM	1	0	18.63	18.72	18.60		
3	16QAM	1	8	18.62	18.69	18.59	20.1	0
3	16QAM	1	14	18.60	18.77	18.65		
3	16QAM	8	0	18.67	18.63	18.54		
3	16QAM	8	4	18.52	18.66	18.52	20.1	0
3	16QAM	8	7	18.56	18.67	18.58		
3	16QAM	15	0	18.56	18.65	18.57		
3	64QAM	1	0	18.55	18.75	18.58		
3	64QAM	1	8	18.57	18.65	18.63	20.1	0
3	64QAM	1	14	18.54	18.70	18.62		
3	64QAM	8	0	18.65	18.72	18.59		
3	64QAM	8	4	18.56	18.76	18.66	20.1	0
3	64QAM	8	7	18.62	18.65	18.54		
3	64QAM	15	0	18.68	18.60	18.59		
3	256QAM	1	0	17.58	17.51	17.49		
3	256QAM	1	8	17.56	17.49	17.48	19	1.1
3	256QAM	1	14	17.47	17.63	17.50		
3	256QAM	8	0	17.54	17.53	17.49		
3	256QAM	8	4	17.45	17.58	17.43	19	1.1
3	256QAM	8	7	17.43	17.55	17.44		
3	256QAM	15	0	17.52	17.52	17.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.52	18.63	18.53		
1.4	QPSK	1	3	18.57	18.57	18.59		
1.4	QPSK	1	5	18.63	18.68	18.61	20.1	0
1.4	QPSK	3	0	18.55	18.64	18.66		
1.4	QPSK	3	1	18.62	18.68	18.66		
1.4	QPSK	3	3	18.57	18.63	18.54		
1.4	QPSK	6	0	18.53	18.69	18.57	20.1	0
1.4	16QAM	1	0	18.62	18.67	18.53		
1.4	16QAM	1	3	18.68	18.66	18.49		
1.4	16QAM	1	5	18.61	18.74	18.60	20.1	0
1.4	16QAM	3	0	18.57	18.73	18.61		
1.4	16QAM	3	1	18.60	18.67	18.60		
1.4	16QAM	3	3	18.53	18.69	18.61		
1.4	16QAM	6	0	18.62	18.63	18.57	20.1	0
1.4	64QAM	1	0	18.63	18.67	18.63		
1.4	64QAM	1	3	18.61	18.64	18.71		
1.4	64QAM	1	5	18.52	18.66	18.57	20.1	0
1.4	64QAM	3	0	18.58	18.77	18.57		
1.4	64QAM	3	1	18.56	18.68	18.62		
1.4	64QAM	3	3	18.64	18.60	18.59		
1.4	64QAM	6	0	18.58	18.65	18.64	20.1	0
1.4	256QAM	1	0	17.60	17.56	17.51		
1.4	256QAM	1	3	17.49	17.57	17.51		
1.4	256QAM	1	5	17.54	17.66	17.58	19	1.1
1.4	256QAM	3	0	17.48	17.54	17.51		
1.4	256QAM	3	1	17.46	17.65	17.42		
1.4	256QAM	3	3	17.47	17.58	17.47		
1.4	256QAM	6	0	17.48	17.61	17.49	19	1.1

Reduced Power Mode for DSI 3_Other Path

Band 2 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03		
20	QPSK	1	49	22.00	22.08	21.89	23	0
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01		
20	QPSK	50	24	20.95	21.11	20.85	22	1
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07		
20	16QAM	1	49	20.99	21.09	20.94	22	1
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98		
20	16QAM	50	24	19.91	20.16	19.84	21	2
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12		
20	64QAM	1	49	20.01	20.08	19.95	21	2
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03		
20	64QAM	50	24	18.98	19.16	18.86	20	3
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01		
20	256QAM	1	49	17.00	17.06	16.84	18	5
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12	18	5
20	256QAM	50	50	17.04	17.14	16.99		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94		
15	QPSK	1	37	21.87	21.96	21.79	23	0
15	QPSK	1	74	21.87	22.02	21.91		
15	QPSK	36	0	20.94	21.13	20.90		
15	QPSK	36	20	20.91	21.07	20.76	22	1
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03		
15	16QAM	1	37	20.93	21.00	20.84	22	1
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86		
15	16QAM	36	20	19.81	20.03	19.73	21	2
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.03	20.01		
15	64QAM	1	37	19.97	19.98	19.87	21	2
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00		
15	64QAM	36	20	18.93	19.06	18.80	20	3
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88		
15	256QAM	1	37	16.91	16.94	16.72	18	5
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07	18	5
15	256QAM	36	39	17.00	17.11	16.98		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00		
10	QPSK	1	25	21.96	22.02	21.76	23	0
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98		
10	QPSK	25	12	20.90	21.06	20.83	22	1
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04		
10	16QAM	1	25	20.92	21.04	20.83	22	1
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90		
10	16QAM	25	12	19.85	20.07	19.77	21	2
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04		
10	64QAM	1	25	19.90	19.97	19.82	21	2
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95		
10	64QAM	25	12	18.86	19.12	18.74	20	3
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93		
10	256QAM	1	25	16.96	16.97	16.75	18	5
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04	18	5
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00		
5	QPSK	1	12	21.92	21.94	21.85	23	0
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91		
5	QPSK	12	7	20.87	21.02	20.76	22	1
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97		
5	16QAM	1	12	20.88	21.05	20.90	22	1
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92		
5	16QAM	12	7	19.85	20.04	19.75	21	2
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99		
5	64QAM	1	12	19.98	20.04	19.84	21	2
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97		
5	64QAM	12	7	18.95	19.04	18.80	20	3
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88		
5	256QAM	1	12	16.94	17.01	16.72	18	5
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01	18	5
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18515	18820	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95		
3	QPSK	1	8	21.91	22.00	21.76	23	0
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88		
3	QPSK	8	4	20.88	21.07	20.79	22	1
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04		
3	16QAM	1	8	20.89	21.04	20.81	22	1
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96		
3	16QAM	8	4	19.82	20.04	19.73	21	2
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02		
3	64QAM	1	8	19.90	19.96	19.86	21	2
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00		
3	64QAM	8	4	18.92	19.07	18.72	20	3
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92		
3	256QAM	1	8	16.91	16.93	16.71	18	5
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07		
3	256QAM	8	4	17.02	17.03	17.08	18	5
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95		
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90	23	0
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03		
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99	22	1
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02		
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92	21	2
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97		
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07	18	5
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70		
10	QPSK	1	25	22.72	22.71	22.62	24	0
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68		
10	QPSK	25	12	21.75	21.74	21.58	23	1
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.72	21.73	21.59	23	1
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71		
10	16QAM	25	12	20.78	20.75	20.58	22	2
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77		
10	64QAM	1	25	20.72	20.68	20.53	22	2
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64		
10	64QAM	25	12	19.74	19.77	19.58	21	3
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72		
10	256QAM	1	25	17.78	17.75	17.54	19	5
10	256QAM	1	49	17.71	17.62	17.51		
10	256QAM	25	0	17.84	17.83	17.61		
10	256QAM	25	12	17.71	17.77	17.69	19	5
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59		
5	QPSK	1	12	22.69	22.62	22.58	24	0
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63		
5	QPSK	12	7	21.67	21.61	21.53	23	1
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62		
5	16QAM	1	12	21.63	21.64	21.47	23	1
5	16QAM	1	24	21.57	21.56	21.38		
5	16QAM	12	0	20.60	20.73	20.63		
5	16QAM	12	7	20.75	20.71	20.50	22	2
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69		
5	64QAM	1	12	20.62	20.65	20.46	22	2
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50		
5	64QAM	12	7	19.70	19.69	19.45	21	3
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.66	19.56		
5	256QAM	1	0	17.57	17.74	17.60		
5	256QAM	1	12	17.68	17.64	17.49	19	5
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55		
5	256QAM	12	7	17.66	17.70	17.64	19	5
5	256QAM	12	13	17.70	17.64	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59		
3	QPSK	1	8	22.69	22.58	22.49	24	0
3	QPSK	1	14	22.51	22.63	22.50		
3	QPSK	8	0	21.65	21.77	21.59		
3	QPSK	8	4	21.63	21.62	21.47	23	1
3	QPSK	8	7	21.59	21.49	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.73	21.62		
3	16QAM	1	8	21.67	21.63	21.45	23	1
3	16QAM	1	14	21.46	21.53	21.39		
3	16QAM	8	0	20.84	20.79	20.59		
3	16QAM	8	4	20.69	20.62	20.55	22	2
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.68	20.59		
3	64QAM	1	0	20.56	20.60	20.65		
3	64QAM	1	8	20.63	20.58	20.51	22	2
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.77	19.76	19.53		
3	64QAM	8	4	19.71	19.74	19.48	21	3
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.59	17.76	17.62		
3	256QAM	1	8	17.74	17.68	17.40	19	5
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56		
3	256QAM	8	4	17.65	17.73	17.63	19	5
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.51	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65		
1.4	QPSK	1	3	22.62	22.68	22.51		
1.4	QPSK	1	5	22.50	22.54	22.50	24	0
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.45	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67		
1.4	16QAM	1	3	21.59	21.64	21.51		
1.4	16QAM	1	5	21.49	21.55	21.39	23	1
1.4	16QAM	3	0	21.55	21.68	21.53		
1.4	16QAM	3	1	21.56	21.60	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.62	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67		
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.58	20.48	22	2
1.4	64QAM	3	0	20.65	20.59	20.55		
1.4	64QAM	3	1	20.59	20.59	20.64		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64		
1.4	256QAM	1	3	17.74	17.65	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45	19	5
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.93	22.96	22.95		
10	QPSK	1	25	22.86	22.94	22.88	24	0
10	QPSK	1	49	22.85	22.93	22.91		
10	QPSK	25	0	21.95	21.96	21.95		
10	QPSK	25	12	21.90	21.91	21.90	23	1
10	QPSK	25	25	21.80	21.90	21.90		
10	QPSK	50	0	21.90	21.93	21.92		
10	16QAM	1	0	21.95	21.90	22.00		
10	16QAM	1	25	21.82	21.90	21.84	23	1
10	16QAM	1	49	21.80	21.88	21.93		
10	16QAM	25	0	20.97	20.90	20.97		
10	16QAM	25	12	20.88	21.02	20.93	22	2
10	16QAM	25	25	20.81	20.89	20.97		
10	16QAM	50	0	20.98	20.94	20.95		
10	64QAM	1	0	20.97	20.93	20.95		
10	64QAM	1	25	20.82	20.88	20.80	22	2
10	64QAM	1	49	20.75	20.84	20.92		
10	64QAM	25	0	19.95	19.94	20.01		
10	64QAM	25	12	19.92	19.91	19.96	21	3
10	64QAM	25	25	19.82	19.92	19.95		
10	64QAM	50	0	19.97	19.94	19.94		
10	256QAM	1	0	17.90	18.01	18.01		
10	256QAM	1	25	17.84	17.94	17.94	19	5
10	256QAM	1	49	17.77	17.88	18.01		
10	256QAM	25	0	17.95	17.88	17.97		
10	256QAM	25	12	17.97	17.96	18.02	19	5
10	256QAM	25	25	17.83	17.93	17.89		
10	256QAM	50	0	17.78	17.89	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.86	22.85		
5	QPSK	1	12	22.81	22.90	22.85	24	0
5	QPSK	1	24	22.81	22.81	22.79		
5	QPSK	12	0	21.87	21.93	21.88		
5	QPSK	12	7	21.81	21.94	21.77	23	1
5	QPSK	12	13	21.68	21.78	21.84		
5	QPSK	25	0	21.88	21.87	21.84		
5	16QAM	1	0	21.89	21.82	21.88		
5	16QAM	1	12	21.69	21.87	21.78	23	1
5	16QAM	1	24	21.77	21.75	21.84		
5	16QAM	12	0	20.88	20.88	20.88		
5	16QAM	12	7	20.74	20.93	20.91	22	2
5	16QAM	12	13	20.78	20.86	20.88		
5	16QAM	25	0	20.89	20.83	20.86		
5	64QAM	1	0	20.88	20.80	20.87		
5	64QAM	1	12	20.75	20.79	20.66	22	2
5	64QAM	1	24	20.69	20.72	20.88		
5	64QAM	12	0	19.92	19.80	19.91		
5	64QAM	12	7	19.79	19.88	19.90	21	3
5	64QAM	12	13	19.71	19.79	19.92		
5	64QAM	25	0	19.90	19.86	19.90		
5	256QAM	1	0	17.79	17.96	17.96		
5	256QAM	1	12	17.77	17.89	17.85	19	5
5	256QAM	1	24	17.74	17.75	17.93		
5	256QAM	12	0	17.85	17.82	17.83		
5	256QAM	12	7	17.85	17.88	17.97	19	5
5	256QAM	12	13	17.72	17.87	17.78		
5	256QAM	25	0	17.66	17.78	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.92	22.82		
3	QPSK	1	8	22.77	22.81	22.85	24	0
3	QPSK	1	14	22.78	22.86	22.86		
3	QPSK	8	0	21.89	21.89	21.92		
3	QPSK	8	4	21.81	21.89	21.86	23	1
3	QPSK	8	7	21.72	21.76	21.84		
3	QPSK	15	0	21.87	21.84	21.80		
3	16QAM	1	0	21.86	21.83	21.90		
3	16QAM	1	8	21.77	21.83	21.78	23	1
3	16QAM	1	14	21.74	21.85	21.84		
3	16QAM	8	0	20.85	20.77	20.87		
3	16QAM	8	4	20.81	20.93	20.81	22	2
3	16QAM	8	7	20.74	20.87

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	5
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.49	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	5
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	23.6	0
20	QPSK	1	49	22.15	22.28	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	0.6
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	0.6
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	1.6
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	1.6
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	2.6
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	4.6
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	4.6
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	23.6	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	0.6
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	0.6
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	1.6
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	1.6
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	2.6
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	4.6
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	4.6
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	23.6	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	0.6
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	0.6
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	1.6
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	1.6
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	2.6
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	4.6
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	4.6
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	23.6	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	0.6
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	0.6
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	1.6
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	1.6
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	2.6
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	4.6
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	4.6
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131982	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	23.6	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	0.6
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	0.6
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	1.6
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	1.6
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	2.6
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	4.6
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	4.6
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	23.6	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	0.6
1.4	16QAM	1	0	21.17	21.22	21.25	23	0.6
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	1.6
1.4	64QAM	1	0	20.14	20.16	20.30	22	1.6
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	2.6
1.4	256QAM	1	0	17.21	17.21	17.11	19	4.6
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	4.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.54	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.49	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25

Band 2 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.38	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.28	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.19	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	21.19	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22		
5	QPSK	1	12	22.20	22.24	22.10	24	0
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.26	21.20	21.17		
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21		
3	QPSK	1	8	22.17	22.19	22.12	24	0
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.08	17.29	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11		
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04	24	0
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.06	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17		
1.4	16QAM	1	3	21.11	21.03	21.14		
1.4	16QAM	1	5	21.06	21.12	21.05	23	1
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13		
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.13	20.16	20.11	22	2
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09		
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00	19	5
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

Band 12 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85		
10	QPSK	1	25	22.86	22.89	22.78	24	0
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83		
5	QPSK	1	12	22.76	22.78	22.71	24	0
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76		
3	QPSK	1	8	22.74	22.76	22.72	24	0
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
3	16QAM	8	4	20.83	20.88	20.70	22	2
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36		21	2
10	64QAM	1	0		20.34			
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34		20	3
10	64QAM	25	0		19.42			
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38		18	5
10	256QAM	1	0		17.33			
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	22.9	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	0.9
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	0.9
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	1.9
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	1.9
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	2.9
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	4.9
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	4.9
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	16.97	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132222	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	22.9	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	0.9
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.72	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	0.9
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	1.9
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.99	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	1.9
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	2.9
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	4.9
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	4.9
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.80	22.9	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	0.9
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	0.9
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	1.9
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	1.9
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	2.9
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	4.9
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	4.9
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	22.9	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	0.9
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	0.9
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	1.9
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	1.9
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	2.9
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	4.9
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	4.9
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131667	132222	132822	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	22.9	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	0.9
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	0.9
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	1.9
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	1.9
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	2.9
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	4.9
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	4.9
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131978	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	22.9	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	21.9	1
1.4	16QAM	1	0	20.89	20.95	21.02	21.9	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	20.9	2
1.4	64QAM	1	0	19.93	20.02	20.00	20.9	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	19.9	3
1.4	256QAM	1	0	17.01	17.01	16.93	17.9	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	17.9	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.46	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.40	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.59	20.69	20.58	21.8	0
20	QPSK	1	49	20.65	20.60	20.52		
20	QPSK	1	99	20.60	20.66	20.52		
20	QPSK	50	0	20.59	20.67	20.55		
20	QPSK	50	24	20.58	20.58	20.54		
20	QPSK	50	50	20.59	20.65	20.56		
20	QPSK	100	0	20.61	20.62	20.54		
20	16QAM	1	0	20.58	20.61	20.59		
20	16QAM	1	49	20.60	20.65	20.63	21.8	0
20	16QAM	1	99	20.57	20.66	20.63		
20	16QAM	50	0	20.55	20.62	20.52		
20	16QAM	50	24	20.55	20.60	20.62	21.8	0
20	16QAM	50	50	20.55	20.66	20.62		
20	16QAM	100	0	20.62	20.61	20.61		
20	64QAM	1	0	20.59	20.60	20.54		
20	64QAM	1	49	20.62	20.68	20.56	21.8	0
20	64QAM	1	99	20.57	20.63	20.63		
20	64QAM	50	0	20.62	20.58	20.56		
20	64QAM	50	24	20.64	20.58	20.60	21	0.8
20	64QAM	50	50	20.58	20.68	20.62		
20	64QAM	100	0	19.76	19.82	19.82		
20	256QAM	1	0	17.80	17.79	17.79		
20	256QAM	1	49	17.75	17.88	17.73	19	2.8
20	256QAM	1	99	17.78	17.78	17.78		
20	256QAM	50	0	17.74	17.82	17.76		
20	256QAM	50	24	17.82	17.80	17.83	19	2.8
20	256QAM	50	50	17.79	17.88	17.80		
20	256QAM	100	0	17.74	17.79	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.52	20.63	20.52	21.8	0
15	QPSK	1	37	20.49	20.62	20.54		
15	QPSK	1	74	20.55	20.56	20.51		
15	QPSK	36	0	20.61	20.60	20.56		
15	QPSK	36	20	20.62	20.55	20.50	21.8	0
15	QPSK	36	39	20.51	20.62	20.51		
15	QPSK	75	0	20.62	20.65	20.54		
15	16QAM	1	0	20.57	20.65	20.56	21.8	0
15	16QAM	1	37	20.61	20.61	20.60		
15	16QAM	1	74	20.63	20.60	20.59		
15	16QAM	36	0	20.60	20.66	20.61		
15	16QAM	36	20	20.58	20.65	20.53	21.8	0
15	16QAM	36	39	20.62	20.63	20.56		
15	16QAM	75	0	20.58	20.65	20.54		
15	64QAM	1	0	20.61	20.62	20.50		
15	64QAM	1	37	20.62	20.60	20.56	21.8	0
15	64QAM	1	74	20.57	20.56	20.61		
15	64QAM	36	0	20.57	20.56	20.51		
15	64QAM	36	20	20.63	20.62	20.61	21	0.8
15	64QAM	36	39	20.53	20.62	20.56		
15	64QAM	75	0	19.80	19.80	19.73		
15	256QAM	1	0	17.75	17.81	17.72		
15	256QAM	1	37	17.82	17.83	17.73	19	2.8
15	256QAM	1	74	17.75	17.81	17.76		
15	256QAM	36	0	17.82	17.84	17.75		
15	256QAM	36	20	17.82	17.83	17.73	19	2.8
15	256QAM	36	39	17.81	17.84	17.81		
15	256QAM	75	0	17.74	17.85	17.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
10	QPSK	1	0	20.59	20.63	20.55	21.8	0
10	QPSK	1	25	20.63	20.60	20.61		
10	QPSK	1	49	20.55	20.65	20.59		
10	QPSK	25	0	20.62	20.67	20.51		
10	QPSK	25	12	20.53	20.66	20.57	21.8	0
10	QPSK	25	25	20.62	20.62	20.52		
10	QPSK	50	0	20.53	20.56	20.57		
10	16QAM	1	0	20.57	20.55	20.54		
10	16QAM	1	25	20.54	20.66	20.56	21.8	0
10	16QAM	1	49	20.51	20.63	20.56		
10	16QAM	25	0	20.53	20.65	20.57		
10	16QAM	25	12	20.57	20.63	20.54	21.8	0
10	16QAM	25	25	20.60	20.58	20.51		
10	16QAM	50	0	20.56	20.56	20.52		
10	64QAM	1	0	20.63	20.59	20.57		
10	64QAM	1	25	20.62	20.58	20.54	21.8	0
10	64QAM	1	49	20.56	20.60	20.56		
10	64QAM	25	0	20.60	20.56	20.50		
10	64QAM	25	12	20.58	20.62	20.58	21	0.8
10	64QAM	25	25	20.52	20.63	20.57		
10	64QAM	50	0	19.79	19.76	19.77		
10	256QAM	1	0	17.82	17.79	17.74		
10	256QAM	1	25	17.81	17.83	17.79	19	2.8
10	256QAM	1	49	17.80	17.84	17.81		
10	256QAM	25	0	17.78	17.82	17.71		
10	256QAM	25	12	17.76	17.82	17.71	19	2.8
10	256QAM	25	25	17.77	17.84	17.74		
10	256QAM	50	0	17.74	17.84	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.62	20.63	20.58	21.8	0
5	QPSK	1	12	20.56	20.60	20.54		
5	QPSK	1	24	20.57	20.63	20.57		
5	QPSK	12	0	20.53	20.62	20.61		
5	QPSK	12	7	20.56	20.60	20.61	21.8	0
5	QPSK	12	13	20.56	20.65	20.60		
5	QPSK	25	0	20.59	20.63	20.56		
5	16QAM	1	0	20.62	20.55	20.53		
5	16QAM	1	12	20.62	20.56	20.58	21.8	0
5	16QAM	1	24	20.62	20.60	20.57		
5	16QAM	12	0	20.56	20.61	20.56		
5	16QAM	12	7	20.55	20.64	20.52	21.8	0
5	16QAM	12	13	20.53	20.59	20.55		
5	16QAM	25	0	20.53	20.58	20.57		
5	64QAM	1	0	20.58	20.59	20.59		
5	64QAM	1	12	20.55	20.61	20.51	21.8	0
5	64QAM	1	24	20.59	20.57	20.52		
5	64QAM	12	0	20.56	20.64	20.50		
5	64QAM	12	7	20.54	20.60	20.55	21	0.8
5	64QAM	12	13	20.58	20.64	20.55		
5	64QAM	25	0	19.80	19.79	19.71		
5	256QAM	1	0	17.71	17.77	17.75		
5	256QAM	1	12	17.74	17.79	17.74	19	2.8
5	256QAM	1	24	17.81	17.86	17.82		
5	256QAM	12	0	17.73	17.76	17.72		
5	256QAM	12	7	17.81	17.85	17.81	19	2.8
5	256QAM	12	13	17.72	17.86	17.80		
5	256QAM	25	0	17.77	17.83	17.80		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.60	20.58	20.55	21.8	0
3	QPSK	1	8	20.61	20.61	20.55		
3	QPSK	1	14	20.62	20.57	20.57		
3	QPSK	8	0	20.55	20.67	20.56		
3	QPSK	8	4	20.55	20.64	20.62		
3	QPSK	8	7	20.62	20.59	20.51		
3	QPSK	15	0	20.56	20.57	20.52		
3	16QAM	1	0	20.60	20.56	20.51		
3	16QAM	1	8	20.62	20.60	20.54	21.8	0
3	16QAM	1	14	20.58	20.64	20.58		
3	16QAM	8	0	20.54	20.55	20.61		
3	16QAM	8	4	20.53	20.61	20.59	21.8	0
3	16QAM	8	7	20.60	20.63	20.56		
3	16QAM	15	0	20.57	20.65	20.59		
3	64QAM	1	0	20.53	20.56	20.58		
3	64QAM	1	8	20.58	20.59	20.55	21.8	0
3	64QAM	1	14	20.63	20.61	20.51		
3	64QAM	8	0	20.58	20.59	20.62		
3	64QAM	8	4	20.57	20.60	20.53	21	0.8
3	64QAM	8	7	20.59	20.67	20.56		
3	64QAM	15	0	19.83	19.83	19.71		
3	256QAM	1	0	17.83	17.75	17.72		
3	256QAM	1	8	17.81	17.76	17.81	19	2.8
3	256QAM	1	14	17.84	17.80	17.72		
3	256QAM	8	0	17.75	17.76	17.73		
3	256QAM	8	4	17.80	17.79	17.71	19	2.8
3	256QAM	8	7	17.73	17.79	17.81		
3	256QAM	15	0	17.72	17.76	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.63	20.66	20.53	21.8	0
1.4	QPSK	1	3	20.57	20.61	20.57		
1.4	QPSK	1	5	20.57	20.58	20.54		
1.4	QPSK	3	0	20.56	20.59	20.57		
1.4	QPSK	3	1	20.57	20.59	20.51		
1.4	QPSK	3	3	20.52	20.59	20.53		
1.4	QPSK	6	0	20.58	20.57	20.58	21.8	0
1.4	16QAM	1	0	20.56	20.62	20.57	21.8	0
1.4	16QAM	1	3	20.53	20.66	20.61		
1.4	16QAM	1	5	20.60	20.62	20.55		
1.4	16QAM	3	0	20.56	20.55	20.58		
1.4	16QAM	3	1	20.55	20.55	20.53		
1.4	16QAM	3	3	20.62	20.58	20.61		
1.4	16QAM	6	0	20.58	20.60	20.55	21.8	0
1.4	64QAM	1	0	20.56	20.64	20.57	21.8	0
1.4	64QAM	1	3	20.59	20.59	20.59		
1.4	64QAM	1	5	20.58	20.61	20.56		
1.4	64QAM	3	0	20.54	20.59	20.53		
1.4	64QAM	3	1	20.58	20.61	20.54		
1.4	64QAM	3	3	20.58	20.58	20.61		
1.4	64QAM	6	0	19.77	19.83	19.77	21	0.8
1.4	256QAM	1	0	17.78	17.77	17.80	19	2.8
1.4	256QAM	1	3	17.77	17.83	17.71		
1.4	256QAM	1	5	17.74	17.81	17.74		
1.4	256QAM	3	0	17.71	17.83	17.73		
1.4	256QAM	3	1	17.72	17.86	17.75		
1.4	256QAM	3	3	17.79	17.86	17.76		
1.4	256QAM	6	0	17.76	17.80	17.77	19	2.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.33	20.45	20.43	21.8	0
20	QPSK	1	49	20.29	20.33	20.35		
20	QPSK	1	99	20.33	20.30	20.33		
20	QPSK	50	0	20.34	20.43	20.34		
20	QPSK	50	24	20.29	20.35	20.36	21.8	0
20	QPSK	50	50	20.31	20.35	20.42		
20	QPSK	100	0	20.32	20.37	20.36		
20	16QAM	1	0	20.29	20.32	20.38		
20	16QAM	1	49	20.32	20.30	20.40	21.8	0
20	16QAM	1	99	20.31	20.30	20.38		
20	16QAM	50	0	20.32	20.32	20.41		
20	16QAM	50	24	20.31	20.31	20.37	21.8	0
20	16QAM	50	50	20.33	20.33	20.36		
20	16QAM	100	0	20.36	20.37	20.32		
20	64QAM	1	0	20.33	20.33	20.37		
20	64QAM	1	49	20.39	20.35	20.34	21.8	0
20	64QAM	1	99	20.35	20.33	20.33		
20	64QAM	50	0	19.50	19.49	19.55	21	0.8
20	64QAM	50	24	19.48	19.53	19.59		
20	64QAM	50	50	19.56	19.53	19.57		
20	64QAM	100	0	19.48	19.52	19.63		
20	256QAM	1	0	17.55	17.45	17.54	19	2.8
20	256QAM	1	49	17.53	17.48	17.61		
20	256QAM	1	99	17.58	17.55	17.56		
20	256QAM	50	0	17.52	17.50	17.54	19	2.8
20	256QAM	50	24	17.52	17.47	17.61		
20	256QAM	50	50	17.56	17.47	17.61		
20	256QAM	100	0	17.53	17.51	17.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.31	20.26	20.33	21.8	0
15	QPSK	1	37	20.29	20.30	20.27		
15	QPSK	1	74	20.34	20.27	20.30		
15	QPSK	36	0	20.26	20.30	20.37		
15	QPSK	36	20	20.34	20.22	20.39	21.8	0
15	QPSK	36	39	20.29	20.28	20.39		
15	QPSK	75	0	20.25	20.26	20.31		
15	16QAM	1	0	20.26	20.27	20.35		
15	16QAM	1	37	20.34	20.29	20.36	21.8	0
15	16QAM	1	74	20.30	20.31	20.31		
15	16QAM	36	0	20.29	20.23	20.28		
15	16QAM	36	20	20.24	20.26	20.30	21.8	0
15	16QAM	36	39	20.35	20.24	20.33		
15	16QAM	75	0	20.28	20.26	20.34		
15	64QAM	1	0	20.28	20.24	20.38		
15	64QAM	1	37	20.29	20.23	20.33	21.8	0
15	64QAM	1	74	20.28	20.31	20.33		
15	64QAM	36	0	19.54	19.50	19.50	21	0.8
15	64QAM	36	20	19.52	19.44	19.50		
15	64QAM	36	39	19.49	19.51	19.50		
15	64QAM	75	0	19.49	19.50	19.53		
15	256QAM	1	0	17.55	17.50	17.53	19	2.8
15	256QAM	1	37	17.49	17.47	17.56		
15	256QAM	1	74	17.44	17.42	17.55		
15	256QAM	36	0	17.53	17.50	17.58	19	2.8
15	256QAM	36	20	17.51	17.47	17.58		
15	256QAM	36	39	17.45	17.51	17.58		
15	256QAM	75	0	17.54	17.45	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.29	20.22	20.28	21.8	0
10	QPSK	1	25	20.28	20.30	20.31		
10	QPSK	1	49	20.32	20.23	20.35		
10	QPSK	25	0	20.33	20.23	20.33		
10	QPSK	25	12	20.29	20.26	20.30	21.8	0
10	QPSK	25	25	20.25	20.29	20.29		
10	QPSK	50	0	20.27	20.32	20.28		
10	16QAM	1	0	20.25	20.28	20.37		
10	16QAM	1	25	20.27	20.21	20.29	21.8	0
10	16QAM	1	49	20.33	20.28	20.30		
10	16QAM	25	0	20.32	20.23	20.39		
10	16QAM	25	12	20.31	20.20	20.35	21.8	0
10	16QAM	25	25	20.29	20.22	20.30		
10	16QAM	50	0	20.33	20.25	20.31		
10	64QAM	1	0	20.23	20.25	20.37		
10	64QAM	1	25	20.33	20.30	20.28	21.8	0
10	64QAM	1	49	20.28	20.24	20.36		
10	64QAM	25	0	19.52	19.49	19.48		
10	64QAM	25	12	19.47	19.40	19.52	21	0.8
10	64QAM	25	25	19.47	19.46	19.52		
10	64QAM	50	0	19.53	19.48	19.52		
10	256QAM	1	0	17.51	17.46	17.55	19	2.8
10	256QAM	1	25	17.47	17.43	17.50		
10	256QAM	1	49	17.53	17.42	17.48		
10	256QAM	25	0	17.44	17.47	17.56	19	2.8
10	256QAM	25	12	17.52	17.51	17.54		
10	256QAM	25	25	17.55	17.52	17.51		
10	256QAM	50	0	17.50	17.51	17.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.33	20.28	20.31	21.8	0
5	QPSK	1	12	20.30	20.21	20.28		
5	QPSK	1	24	20.33	20.23	20.28		
5	QPSK	12	0	20.33	20.27	20.34		
5	QPSK	12	7	20.32	20.31	20.36	21.8	0
5	QPSK	12	13	20.27	20.20	20.28		
5	QPSK	25	0	20.34	20.22	20.30		
5	16QAM	1	0	20.23	20.28	20.35		
5	16QAM	1	12	20.26	20.29	20.32	21.8	0
5	16QAM	1	24	20.30	20.31	20.37		
5	16QAM	12	0	20.27	20.24	20.36		
5	16QAM	12	7	20.23	20.22	20.37	21.8	0
5	16QAM	12	13	20.25	20.28	20.31		
5	16QAM	25	0	20.30	20.29	20.34		
5	64QAM	1	0	20.33	20.30	20.35		
5	64QAM	1	12	20.26	20.24	20.28	21.8	0
5	64QAM	1	24	20.29	20.38	20.32		
5	64QAM	12	0	19.46	19.50	19.51		
5	64QAM	12	7	19.47	19.45	19.54	21	0.8
5	64QAM	12	13	19.53	19.41	19.50		
5	64QAM	25	0	19.55	19.43	19.51		
5	256QAM	1	0	17.48	17.50	17.56	19	2.8
5	256QAM	1	12	17.54	17.47	17.49		
5	256QAM	1	24	17.52	17.51	17.58		
5	256QAM	12	0	17.52	17.43	17.52		
5	256QAM	12	7	17.53	17.43	17.57	19	2.8
5	256QAM	12	13	17.52	17.40	17.54		
5	256QAM	25	0	17.43	17.40	17.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.32		21.2	0
10	QPSK	1	25		20.29			
10	QPSK	1	49		20.21			
10	QPSK	25	0		20.31			
10	QPSK	25	12		20.30		21.2	0
10	QPSK	25	25		20.26			
10	QPSK	50	0		20.27			
10	16QAM	1	0		20.22			
10	16QAM	1	25		20.29		21.2	0
10	16QAM	1	49		20.30			
10	16QAM	25	0		20.28			
10	16QAM	25	12		20.24		21.2	0
10	16QAM	25	25		20.31			
10	16QAM	50	0		20.26			
10	64QAM	1	0		20.25			
10	64QAM	1	25		20.31		21.2	0
10	64QAM	1	49		20.30			
10	64QAM	25	0		20.08			
10	64QAM	25	12		20.04		21	0.2
10	64QAM	25	25		20.09			
10	64QAM	50	0		20.05			
10	256QAM	1	0		18.05		19	2.2
10	256QAM	1	25		18.01			
10	256QAM	1	49		18.02			
10	256QAM	25	0		18.02			
10	256QAM	25	12		18.04		19	2.2
10	256QAM	25	25		18.04			
10	256QAM	50	0		18.11			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.24	20.17	20.21	21.2	0
5	QPSK	1	12	20.24	20.17	20.25		
5	QPSK	1	24	20.19	20.19	20.27		
5	QPSK	12	0	20.21	20.17	20.16		
5	QPSK	12	7	20.19	20.23	20.15	21.2	0
5	QPSK	12	13	20.19	20.18	20.23		
5	QPSK	25	0	20.24	20.25	20.16		
5	16QAM	1	0	20.27	20.15	20.19		
5	16QAM	1	12	20.16	20.26	20.22	21.2	0
5	16QAM	1	24	20.25	20.18	20.20		
5	16QAM	12	0	20.17	20.21	20.25		
5	16QAM	12	7	20.21	20.22	20.21	21.2	0
5	16QAM	12	13	20.20	20.23	20.22		
5	16QAM	25	0	20.23	20.21	20.19		
5	64QAM	1	0	20.16	20.16	20.17		
5	64QAM	1	12	20.22	20.21	20.18	21.2	0
5	64QAM	1	24	20.24	20.26	20.16		
5	64QAM	12	0	20.01	20.00	20.00		
5	64QAM	12	7	19.95	20.00	20.00	21	0.2
5	64QAM	12	13	19.97	20.04	20.06		
5	64QAM	25	0	19.99	20.04	20.06		
5	256QAM	1	0	17.96	18.07	18.06	19	2.2
5	256QAM	1	12	17.97	18.04	17.99		
5	256QAM	1	24	17.98	17.97	18.01		
5	256QAM	12	0	18.04	18.05	17.97	19	2.2
5	256QAM	12	7	17.97	18.03	17.96		
5	256QAM	12	13	18.00	17.99	18.01		
5	256QAM	25	0	17.95	18.01	17.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.76	20.86	20.85	21.9	0
20	QPSK	1	49	20.79	20.78	20.78		
20	QPSK	1	99	20.83	20.79	20.83		
20	QPSK	50	0	20.76	20.84	20.81		
20	QPSK	50	24	20.76	20.72	20.83	21.9	0
20	QPSK	50	50	20.82	20.75	20.80		
20	QPSK	100	0	20.79	20.83	20.78		
20	16QAM	1	0	20.81	20.74	20.82	21.9	0
20	16QAM	1	49	20.78	20.79	20.82		
20	16QAM	1	99	20.82	20.81	20.80		
20	16QAM	50	0	20.78	20.77	20.82	21.9	0
20	16QAM	50	24	20.78	20.77	20.77		
20	16QAM	50	50	20.84	20.80	20.75		
20	16QAM	100	0	20.82	20.78	20.81		
20	64QAM	1	0	20.79	20.75	20.83

Band 2 Ant 3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.33	20.45	20.38	21.9	0
20	QPSK	1	49	20.35	20.40	20.31		
20	QPSK	1	99	20.37	20.43	20.39		
20	QPSK	50	0	20.32	20.44	20.31		
20	QPSK	50	24	20.39	20.36	20.38	21.9	0
20	QPSK	50	50	20.40	20.35	20.35		
20	QPSK	100	0	20.41	20.42	20.33		
20	16QAM	1	0	20.34	20.43	20.32		
20	16QAM	1	49	20.33	20.38	20.37	21.9	0
20	16QAM	1	99	20.34	20.38	20.30		
20	16QAM	50	0	20.40	20.43	20.37		
20	16QAM	50	24	20.32	20.41	20.28	21.9	0
20	16QAM	50	50	20.36	20.43	20.31		
20	16QAM	100	0	20.37	20.42	20.30		
20	64QAM	1	0	20.31	20.44	20.30		
20	64QAM	1	49	20.34	20.42	20.32	21.9	0
20	64QAM	1	99	20.37	20.41	20.35		
20	64QAM	50	0	20.38	20.44	20.32		
20	64QAM	50	24	20.41	20.41	20.32	21	0.9
20	64QAM	50	50	20.33	20.36	20.29		
20	64QAM	100	0	19.41	19.47	19.37		
20	256QAM	1	0	17.48	17.50	17.47		
20	256QAM	1	49	17.45	17.55	17.40	19	2.9
20	256QAM	1	99	17.42	17.48	17.47		
20	256QAM	50	0	17.42	17.53	17.40		
20	256QAM	50	24	17.52	17.56	17.40	19	2.9
20	256QAM	50	50	17.47	17.46	17.39		
20	256QAM	100	0	17.45	17.51	17.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.30	20.34	20.29	21.9	0
15	QPSK	1	37	20.26	20.34	20.26		
15	QPSK	1	74	20.35	20.34	20.26		
15	QPSK	36	0	20.26	20.32	20.25		
15	QPSK	36	20	20.29	20.40	20.34	21.9	0
15	QPSK	36	39	20.37	20.31	20.29		
15	QPSK	75	0	20.29	20.37	20.28		
15	16QAM	1	0	20.27	20.34	20.25		
15	16QAM	1	37	20.27	20.39	20.26	21.9	0
15	16QAM	1	74	20.26	20.35	20.29		
15	16QAM	36	0	20.28	20.39	20.31		
15	16QAM	36	20	20.33	20.31	20.33	21.9	0
15	16QAM	36	39	20.28	20.30	20.33		
15	16QAM	75	0	20.26	20.32	20.23		
15	64QAM	1	0	20.27	20.40	20.23		
15	64QAM	1	37	20.26	20.31	20.25	21.9	0
15	64QAM	1	74	20.27	20.38	20.31		
15	64QAM	36	0	20.31	20.36	20.31		
15	64QAM	36	20	20.29	20.40	20.29	21	0.9
15	64QAM	36	39	20.27	20.37	20.24		
15	64QAM	75	0	19.47	19.40	19.38		
15	256QAM	1	0	17.41	17.43	17.41		
15	256QAM	1	37	17.39	17.51	17.33	19	2.9
15	256QAM	1	74	17.37	17.47	17.41		
15	256QAM	36	0	17.38	17.50	17.40		
15	256QAM	36	20	17.37	17.47	17.44	19	2.9
15	256QAM	36	39	17.41	17.42	17.41		
15	256QAM	75	0	17.36	17.49	17.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.34	20.37	20.27	21.9	0
10	QPSK	1	25	20.34	20.40	20.25		
10	QPSK	1	49	20.26	20.40	20.33		
10	QPSK	25	0	20.27	20.39	20.31		
10	QPSK	25	12	20.25	20.31	20.31	21.9	0
10	QPSK	25	25	20.26	20.33	20.29		
10	QPSK	50	0	20.26	20.35	20.29		
10	16QAM	1	0	20.27	20.40	20.28		
10	16QAM	1	25	20.34	20.29	20.24	21.9	0
10	16QAM	1	49	20.27	20.29	20.29		
10	16QAM	25	0	20.29	20.30	20.25		
10	16QAM	25	12	20.25	20.29	20.25	21.9	0
10	16QAM	25	25	20.34	20.37	20.22		
10	16QAM	50	0	20.36	20.39	20.23		
10	64QAM	1	0	20.36	20.32	20.27		
10	64QAM	1	25	20.36	20.32	20.26	21.9	0
10	64QAM	1	49	20.36	20.35	20.22		
10	64QAM	25	0	20.27	20.29	20.34		
10	64QAM	25	12	20.28	20.32	20.29	21	0.9
10	64QAM	25	25	20.31	20.37	20.22		
10	64QAM	50	0	19.41	19.45	19.43		
10	256QAM	1	0	17.39	17.41	17.37		
10	256QAM	1	25	17.36	17.48	17.39	19	2.9
10	256QAM	1	49	17.36	17.44	17.41		
10	256QAM	25	0	17.45	17.43	17.36		
10	256QAM	25	12	17.43	17.46	17.43	19	2.9
10	256QAM	25	25	17.47	17.48	17.43		
10	256QAM	50	0	17.44	17.48	17.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.26	20.33	20.23	21.9	0
5	QPSK	1	12	20.32	20.38	20.25		
5	QPSK	1	24	20.37	20.33	20.26		
5	QPSK	12	0	20.26	20.38	20.25		
5	QPSK	12	7	20.27	20.35	20.27	21.9	0
5	QPSK	12	13	20.33	20.40	20.23		
5	QPSK	25	0	20.32	20.34	20.27		
5	16QAM	1	0	20.27	20.32	20.28		
5	16QAM	1	12	20.26	20.38	20.30	21.9	0
5	16QAM	1	24	20.30	20.37	20.26		
5	16QAM	12	0	20.29	20.36	20.34		
5	16QAM	12	7	20.33	20.36	20.26	21.9	0
5	16QAM	12	13	20.30	20.38	20.33		
5	16QAM	25	0	20.27	20.38	20.34		
5	64QAM	1	0	20.32	20.29	20.25		
5	64QAM	1	12	20.35	20.35	20.30	21.9	0
5	64QAM	1	24	20.34	20.32	20.26		
5	64QAM	12	0	20.25	20.34	20.30		
5	64QAM	12	7	20.27	20.41	20.27	21	0.9
5	64QAM	12	13	20.32	20.33	20.31		
5	64QAM	25	0	19.39	19.45	19.37		
5	256QAM	1	0	17.39	17.49	17.39		
5	256QAM	1	12	17.38	17.40	17.36	19	2.9
5	256QAM	1	24	17.40	17.44	17.41		
5	256QAM	12	0	17.41	17.41	17.32		
5	256QAM	12	7	17.45	17.41	17.40	19	2.9
5	256QAM	12	13	17.38	17.50	17.32		
5	256QAM	25	0	17.45	17.48	17.39		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.35	20.34	20.25	21.9	0
3	QPSK	1	8	20.30	20.30	20.29		
3	QPSK	1	14	20.31	20.34	20.27		
3	QPSK	8	0	20.27	20.33	20.34		
3	QPSK	8	4	20.28	20.29	20.23	21.9	0
3	QPSK	8	7	20.36	20.41	20.27		
3	QPSK	15	0	20.33	20.32	20.25		
3	16QAM	1	0	20.32	20.37	20.31		
3	16QAM	1	8	20.35	20.31	20.29	21.9	0
3	16QAM	1	14	20.34	20.40	20.30		
3	16QAM	8	0	20.36	20.37	20.30		
3	16QAM	8	4	20.31	20.37	20.22	21.9	0
3	16QAM	8	7	20.36	20.36	20.30		
3	16QAM	15	0	20.35	20.39	20.25		
3	64QAM	1	0	20.31	20.37	20.28		
3	64QAM	1	8	20.34	20.39	20.27	21.9	0
3	64QAM	1	14	20.30	20.35	20.28		
3	64QAM	8	0	20.26	20.30	20.28		
3	64QAM	8	4	20.34	20.30	20.29	21	0.9
3	64QAM	8	7	20.34	20.32	20.32		
3	64QAM	15	0	19.43	19.46	19.37		
3	256QAM	1	0	17.45	17.43	17.38		
3	256QAM	1	8	17.36	17.49	17.39	19	2.9
3	256QAM	1	14	17.37	17.39	17.33		
3	256QAM	8	0	17.36	17.48	17.43		
3	256QAM	8	4	17.43	17.45	17.33	19	2.9
3	256QAM	8	7	17.37	17.48	17.37		
3	256QAM	15	0	17.41	17.46	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.32	20.30	20.31	21.9	0
1.4	QPSK	1	3	20.26	20.34	20.33		
1.4	QPSK	1	5	20.27	20.36	20.26		
1.4	QPSK	3	0	20.28	20.39	20.34		
1.4	QPSK	3	1	20.27	20.32	20.23		
1.4	QPSK	3	3	20.34	20.29	20.33		
1.4	QPSK	6	0	20.27	20.36	20.25	21.9	0
1.4	16QAM	1	0	20.34	20.36	20.28		
1.4	16QAM	1	3	20.34	20.36	20.25		
1.4	16QAM	1	5	20.34	20.29	20.24	21.9	0
1.4	16QAM	3	0	20.35	20.39	20.31		
1.4	16QAM	3	1	20.35	20.34	20.34		
1.4	16QAM	3	3	20.26	20.36	20.27		
1.4	16QAM	6	0	20.32	20.30	20.32	21.9	0
1.4	64QAM	1	0	20.30	20.33	20.27		
1.4	64QAM	1	3	20.26	20.29	20.28		
1.4	64QAM	1	5	20.33	20.35	20.25	21.9	0
1.4	64QAM	3	0	20.33	20.39	20.33		
1.4	64QAM	3	1	20.34	20.29	20.29		
1.4	64QAM	3	3	20.26	20.36	20.33		
1.4	64QAM	6	0	19.41	19.44	19.35	21	0.9
1.4	256QAM	1	0	17.35	17.43	17.37		
1.4	256QAM	1	3	17.39	17.40	17.35		
1.4	256QAM	1	5	17.39	17.39	17.41	19	2.9
1.4	256QAM	3	0	17.40	17.47	17.40		
1.4	256QAM	3	1	17.39	17.40	17.34		
1.4	256QAM	3	3	17.39	17.49	17.44		
1.4	256QAM	6	0	17.44	17.41	17.33	19	2.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.93	21.03	20.97	22.3	0
20	QPSK	1	49	20.96	21.01	20.91		
20	QPSK	1	99	21.01	20.97	20.97		
20	QPSK	50	0	20.97	21.02	20.96		
20	QPSK	50	24	20.95	20.98	20.99	22.3	0
20	QPSK	50	50	20.95	21.01	20.94		
20	QPSK	100	0	20.94	20.97	20.96		
20	16QAM	1	0	20.94	21.00	21.01		
20	16QAM	1	49	20.98	21.02	20.95	22.3	0
20	16QAM	1	99	20.93	20.99	20.92		
20	16QAM	50	0	20.65	20.66	20.69		
20	16QAM	50	24	20.72	20.75	20.68	22	0.3
20	16QAM	50	50	20.71	20.75	20.66		
20	16QAM	100	0	20.64	20.68	20.69		
20	64QAM	1	0	20.64	20.74	20.63		
20	64QAM	1	49	20.72	20.65	20.69	22	0.3
20	64QAM	1	99	20.73	20.75	20.70		
20	64QAM	50	0	19.71	19.67	19.65		
20	64QAM	50	24	19.61	19.67	19.69	21	1.3
20	64QAM	50	50	19.64	19.66	19.61		
20	64QAM	100	0	19.72	19.69	19.68		
20	256QAM	1	0	17.65	17.70	17.64		
20	256QAM	1	49	17.65	17.69	17.69	19	3.3
20	256QAM	1	99	17.67	17.67	17.67		
20	256QAM	50	0	17.63	17.70	17.71		
20	256QAM	50	24	17.69	17.68	17.62	19	3.3
20	256QAM	50	50	17.63	17.73	17.62		
20	256QAM	100	0	17.64	17.75	17.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.85	20.96	20.81	22.3	0
15	QPSK	1	37	20.87	20.93	20.84		
15	QPSK	1	74	20.93	20.86	20.85		
15	QPSK	36	0	20.90	20.87	20.89		
15	QPSK	36	20	20.93	20.95	20.86	22.3	0
15	QPSK	36	39	20.90	20.92	20.91		
15	QPSK	75	0	20.86	20.87	20.86		
15	16QAM	1	0	20.90	20.91	20.85		
15	16QAM	1	37	20.82	20.86	20.85	22.3	0
15	16QAM	1	74	20.83	20.90	20.86		
15	16QAM	36	0	20.55	20.56	20.58		
15	16QAM	36	20	20.56	20.66	20.57	22	0.3
15	16QAM	36	39	20.53	20.61	20.56		
15	16QAM	75	0	20.52	20.58	20.53		
15	64QAM	1	0	20.54	20.59	20.52		
15	64QAM	1	37	20.63	20.58	20.61	22	0.3
15	64QAM	1	74	20.61	20.59	20.56		
15	64QAM	36	0	19.61	19.61	19.51		
15	64QAM	36	20	19.59	19.60	19.54	21	1.3
15	64QAM	36	39	19.53	19.65	19.60		
15	64QAM	75	0	19.57	19.58	19.49		
15	256QAM	1	0	17.56	17.63	17.56		
15	256QAM	1	37	17.58	17.62	17.55	19	3.3
15	256QAM	1	74	17.51	17.60	17.59		
15	256QAM	36	0	17.54	17.57	17.49		
15	256QAM	36	20	17.51	17.59	17.56	19	3.3
15	256QAM	36	39	17.56	17.64	17.53		
15	256QAM	75	0	17.56	17.62	17.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.91	20.94	20.86	22.3	0
10	QPSK	1	25	20.88	20.87	20.91		
10	QPSK	1	49	20.85	20.97	20.80		
10	QPSK	25	0	20.91	20.92	20.88		
10	QPSK	25	12	20.87	20.93	20.89	22.3	0
10	QPSK	25	25	20.83	20.90	20.90		
10	QPSK	50	0	20.85	20.91	20.86		
10	16QAM	1	0	20.82	20.91	20.90		
10	16QAM	1	25	20.84	20.90	20.84	22.3	0
10	16QAM	1	49	20.85	20.97	20.86		
10	16QAM	25	0	20.54	20.66	20.53		
10	16QAM	25	12	20.59	20.61	20.59	22	0.3
10	16QAM	25	25	20.61	20.65	20.53		
10	16QAM	50	0	20.51	20.67	20.60		
10	64QAM	1	0	20.51	20.65	20.59		
10	64QAM	1	25	20.56	20.62	20.51	22	0.3
10	64QAM	1	49	20.57	20.62	20.52		
10	64QAM	25	0	19.59	19.56	19.50		
10	64QAM	25	12	19.52	19.58	19.53	21	1.3
10	64QAM	25	25	19.59	19.58	19.54		
10	64QAM	50	0	19.62	19.62	19.52		
10	256QAM	1	0	17.62	17.57	17.53		
10	256QAM	1	25	17.59	17.62	17.51	19	3.3
10	256QAM	1	49	17.59	17.66	17.55		
10	256QAM	25	0	17.62	17.57	17.55		
10	256QAM	25	12	17.60	17.62	17.55	19	3.3
10	256QAM	25	25	17.60	17.58	17.55		
10	256QAM	50	0	17.62	17.61	17.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.82	20.95	20.80	22.3	0
5	QPSK	1	12	20.89	20.93	20.87		
5	QPSK	1	24	20.84	20.95	20.91		
5	QPSK	12	0	20.83	20.90	20.80		
5	QPSK	12	7	20.82	20.88	20.87	22.3	0
5	QPSK	12	13	20.82	20.89	20.88		
5	QPSK	25	0	20.90	20.96	20.81		
5	16QAM	1	0	20.91	20.94	20.83		
5	16QAM	1	12	20.83	20.96	20.90	22.3	0
5	16QAM	1	24	20.83	20.95	20.91		
5	16QAM	12	0	20.54	20.58	20.59		
5	16QAM	12	7	20.56	20.56	20.51	22	0.3
5	16QAM	12	13	20.63	20.63	20.51		
5	16QAM	25	0	20.58	20.65	20.50		
5	64QAM	1	0	20.63	20.61	20.50		
5	64QAM	1	12	20.62	20.63	20.52	22	0.3
5	64QAM	1	24	20.52	20.63	20.53		
5	64QAM	12	0	19.56	19.63	19.59		
5	64QAM	12	7	19.52	19.63	19.52	21	1.3
5	64QAM	12	13	19.51	19.62	19.58		
5	64QAM	25	0	19.62	19.58	19.60		
5	256QAM	1	0	17.57	17.60	17.51		
5	256QAM	1	12	17.59	17.62	17.54	19	3.3
5	256QAM	1	24	17.54	17.56	17.59		
5	256QAM	12	0	17.54	17.66	17.59		
5	256QAM	12	7	17.61	17.60	17.57	19	3.3
5	256QAM	12	13	17.58	17.60	17.60		
5	256QAM	25	0	17.53	17.58	17.55		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.88	20.95	20.84	22.3	0
3	QPSK	1	8	20.89	20.90	20.79		
3	QPSK	1	14	20.81	20.87	20.79		
3	QPSK	8	0	20.90	20.88	20.82		
3	QPSK	8	4	20.83	20.87	20.82	22.3	0
3	QPSK	8	7	20.90	20.89	20.91		
3	QPSK	15	0	20.92	20.89	20.89		
3	16QAM	1	0	20.83	20.96	20.84		
3	16QAM	1	8	20.87	20.96	20.85	22.3	0
3	16QAM	1	14	20.83	20.97	20.83		
3	16QAM	8	0	20.59	20.63	20.55		
3	16QAM	8	4	20.54	20.56	20.51	22	0.3
3	16QAM	8	7	20.62	20.59	20.49		
3	16QAM	15	0	20.59	20.59	20.58		
3	64QAM	1	0	20.62	20.66	20.52		
3	64QAM	1	8	20.53	20.55	20.58	22	0.3
3	64QAM	1	14	20.52	20.62	20.51		
3	64QAM	8	0	19.62	19.64	19.49		
3	64QAM	8	4	19.55	19.59	19.58	21	1.3
3	64QAM	8	7	19.54	19.56	19.51		
3	64QAM	15	0	19.56	19.65	19.59		
3	256QAM	1	0	17.54	17.60	17.61		
3	256QAM	1	8	17.52	17.61	17.55	19	3.3
3	256QAM	1	14	17.52	17.56	17.57		
3	256QAM	8	0	17.55	17.63	17.59		
3	256QAM	8	4	17.54	17.67	17.54	19	3.3
3	256QAM	8	7	17.54	17.65	17.60		
3	256QAM	15	0	17.53	17.65	17.58		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.84	20.87	20.86	22.3	0
1.4	QPSK	1	3	20.83	20.93	20.87		
1.4	QPSK	1	5	20.83	20.92	20.80		
1.4	QPSK	3	0	20.86	20.92	20.87		
1.4	QPSK	3	1	20.89	20.96	20.81		
1.4	QPSK	3	3	20.89	20.87	20.87		
1.4	QPSK	6	0	20.84	20.91	20.81	22.3	0
1.4	16QAM	1	0	20.86	20.86	20.86		
1.4	16QAM	1	3	20.89	20.87	20.82		
1.4	16QAM	1	5	20.84	20.95	20.88	22.3	0
1.4	16QAM	3	0	20.92	20.89	20.84		
1.4	16QAM	3	1	20.92	20.88	20.86		
1.4	16QAM	3	3	20.92	20.96	20.85		
1.4	16QAM	6	0	20.54	20.55	20.60	22	0.3
1.4	64QAM	1	0	20.52	20.56	20.54		
1.4	64QAM	1	3	20.55	20.61	20.58		
1.4	64QAM	1	5	20.62	20.60	20.53	22	0.3
1.4	64QAM	3	0	20.55	20.56	20.55		
1.4	64QAM	3	1	20.59	20.61	20.56		
1.4	64QAM	3	3	20.58	20.55	20.54		
1.4	64QAM	6	0	19.52	19.56	19.49	21	1.3
1.4	256QAM	1	0	17.59	17.65	17.60		
1.4	256QAM	1	3	17.61	17.65	17.50		
1.4	256QAM	1	5	17.59	17.64	17.54	19	3.3
1.4	256QAM	3	0	17.52	17.56	17.52		
1.4	256QAM	3	1	17.52	17.57	17.56		
1.4	256QAM	3	3	17.62	17.67	17.57		
1.4	256QAM	6	0	17.53	17.66	17.55	19	3.3

Reduced Power Mode for DSI 6_Other Path

Band 2 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03		
20	QPSK	1	49	22.00	22.08	21.89	23	0
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01		
20	QPSK	50	24	20.95	21.11	20.96	22	1
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07		
20	16QAM	1	49	20.99	21.09	20.94	22	1
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98		
20	16QAM	50	24	19.91	20.16	19.84	21	2
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12		
20	64QAM	1	49	20.01	20.06	19.93	21	2
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03		
20	64QAM	50	24	18.98	19.16	18.86	20	3
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01		
20	256QAM	1	49	17.00	17.06	16.84	18	5
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12	18	5
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94		
15	QPSK	1	37	21.87	21.96	21.79	23	0
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.99		
15	QPSK	36	20	20.91	21.07	20.76	22	1
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03		
15	16QAM	1	37	20.93	21.00	20.84	22	1
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86		
15	16QAM	36	20	19.81	20.03	19.79	21	2
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01		
15	64QAM	1	37	19.97	19.96	19.91	21	2
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00		
15	64QAM	36	20	18.93	19.06	18.80	20	3
15	64QAM	36	39	18.74	18.90	18.83		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88		
15	256QAM	1	37	16.91	16.94	16.72	18	5
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07	18	5
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00		
10	QPSK	1	25	21.96	22.02	21.76	23	0
10	QPSK	1	49	21.80	22.03	21.84		
10	QPSK	25	0	20.96	21.05	20.98		
10	QPSK	25	12	20.90	21.06	20.83	22	1
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	21.04	21.09	21.04		
10	16QAM	1	0	20.96	21.07	21.04		
10	16QAM	1	25	20.92	21.04	20.83	22	1
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90		
10	16QAM	25	12	19.85	20.07	19.77	21	2
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04		
10	64QAM	1	25	19.90	19.97	19.82	21	2
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95		
10	64QAM	25	12	18.86	19.12	18.74	20	3
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93		
10	256QAM	1	25	16.96	16.97	16.75	18	5
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04	18	5
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.98	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00		
5	QPSK	1	12	21.92	21.98	21.85	23	0
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91		
5	QPSK	12	7	20.87	21.02	20.76	22	1
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97		
5	16QAM	1	12	20.88	21.05	20.90	22	1
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92		
5	16QAM	12	7	19.85	20.04	19.75	21	2
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.00	19.99		
5	64QAM	1	12	19.98	20.04	19.84	21	2
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97		
5	64QAM	12	7	18.96	19.04	18.89	20	3
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88		
5	256QAM	1	12	16.94	17.01	16.72	18	5
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01	18	5
5	256QAM	12	13	16.96	16.97	16.83		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95		
3	QPSK	1	8	21.91	22.00	21.76	23	0
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88		
3	QPSK	8	4	20.88	21.07	20.79	22	1
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04		
3	16QAM	1	8	20.89	21.04	20.81	22	1
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96		
3	16QAM	8	4	19.82	20.04	19.73	21	2
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02		
3	64QAM	1	8	19.90	19.96	19.86	21	2
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00		
3	64QAM	8	4	18.92	19.07	18.72	20	3
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92		
3	256QAM	1	8	16.91	16.93	16.71	18	5
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07		
3	256QAM	8	4	17.02	17.03	17.08	18	5
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95		
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90	23	0
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03		
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99	22	1
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02		
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92	21	2
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97		
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91	18	5
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.97	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70		
10	QPSK	1	25	22.72	22.71	22.62	24	0
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68		
10	QPSK	25	12	21.75	21.74	21.58	23	1
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.72	21.73	21.59	23	1
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71		
10	16QAM	25	12	20.78	20.75	20.58	22	2
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77		
10	64QAM	1	25	20.72	20.68	20.53	22	2
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64		
10	64QAM	25	12	19.74	19.77	19.58	21	3
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72		
10	256QAM	1	25	17.78	17.75	17.54	19	5
10	256QAM	1	49	17.71	17.62	17.51		
10	256QAM	25	0	17.84	17.83	17.61		
10	256QAM	25	12	17.71	17.77	17.69	19	5
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59		
5	QPSK	1	12	22.69	22.62	22.58	24	0
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63		
5	QPSK	12	7	21.67	21.61	21.53	23	1
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62		
5	16QAM	1	12	21.63	21.64	21.47	23	1
5	16QAM	1	24	21.57	21.56	21.38		
5	16QAM	12	0	20.60	20.73	20.63		
5	16QAM	12	7	20.75	20.71	20.50	22	2
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69		
5	64QAM	1	12	20.62	20.65	20.46	22	2
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50		
5	64QAM	12	7	19.70	19.69	19.45	21	3
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.66	19.56		
5	256QAM	1	0	17.57	17.74	17.60		
5	256QAM	1	12	17.68	17.66	17.49	19	5
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55		
5	256QAM	12	7	17.66	17.70	17.64	19	5
5	256QAM	12	13	17.70	17.64	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59		
3	QPSK	1	8	22.60	22.58	22.49	24	0
3	QPSK	1	14	22.51	22.63	22.50		
3	QPSK	8	0	21.65	21.77	21.59		
3	QPSK	8	4	21.63	21.62	21.47	23	1
3	QPSK	8	7	21.59	21.49	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.73	21.62		
3	16QAM	1	8	21.67	21.63	21.45	23	1
3	16QAM	1	14	21.48	21.53	21.39		
3	16QAM	8	0	20.64	20.72	20.59		
3	16QAM	8	4	20.69	20.62	20.55	22	2
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.70	20.59		
3	64QAM	1	0	20.56	20.63	20.65		
3	64QAM	1	8	20.63	20.58	20.51	22	2
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.57	19.76	19.53		
3	64QAM	8	4	19.71	19.74	19.48	21	3
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.59	17.76	17.62		
3	256QAM	1	8	17.74	17.66	17.48	19	5
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56		
3	256QAM	8	4	17.65	17.73	17.63	19	5
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.56	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65		
1.4	QPSK	1	3	22.62	22.72	22.51		
1.4	QPSK	1	5	22.50	22.54	22.50	24	0
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.66	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67		
1.4	16QAM	1	3	21.59	21.64	21.51		
1.4	16QAM	1	5	21.49	21.55	21.39	23	1
1.4	16QAM	3	0	21.53	21.68	21.53		
1.4	16QAM	3	1	21.56	21.60	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.62	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67		
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.50	20.48	22	2
1.4	64QAM	3	0	20.65	20.59	20.55		
1.4	64QAM	3	1	20.59	20.59	20.52		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64		
1.4	256QAM	1	3	17.74	17.66	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45	19	5
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.16		
20	QPSK	1	49	22.09	22.21	22.05	23	0
20	QPSK	1	99	22.14	22.20	22.07		
20	QPSK	50	0	21.16	21.31	21.20		
20	QPSK	50	24	21.14	21.18	21.05	22	1
20	QPSK	50	50	21.12	21.21	21.04		
20	QPSK	100	0	21.23	21.26	21.16		
20	16QAM	1	0	21.15	21.20	21.12		
20	16QAM	1	49	21.14	21.15	21.10	22	1
20	16QAM	1	99	21.13	21.23	21.02		
20	16QAM	50	0	20.21	20.28	20.19		
20	16QAM	50	24	20.15	20.13	20.06	21	2
20	16QAM	50	50	20.09	20.20	20.10		
20	16QAM	100	0	20.20	20.25	20.18		
20	64QAM	1	0	20.14	20.19	20.11		
20	64QAM	1	49	20.16	20.11	20.09	21	2
20	64QAM	1	99	20.18	20.21	20.06		
20	64QAM	50	0	19.17	19.25	19.23		
20	64QAM	50	24	19.09	19.15	19.02	20	3
20	64QAM	50	50	19.07	19.17	19.03		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	17.14	17.27	17.23		
20	256QAM	1	49	17.10	17.15	17.01	18	5
20	256QAM	1	99	17.16	17.18	17.04		
20	256QAM	50	0	17.28	17.21	17.20		
20	256QAM	50	24	17.11	17.16	17.13	18	5
20	256QAM	50	50	17.10	17.10	17.07		
20	256QAM	100	0	17.10	17.27	17.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.13	22.22	22.02		
15	QPSK	1	37	21.95	22.08	21.94	23	0
15	QPSK	1	74	22.05	22.17	21.95		
15	QPSK	36	0	21.07	21.27	21.18		
15	QPSK	36	20	21.06	21.08	20.96	22	1
15	QPSK	36	39	21.01	21.08	20.96		
15	QPSK	75	0	21.12	21.22	21.04		
15	16QAM	1	0	21.12	21.07	21.00		
15	16QAM	1	37	21.04	21.05	21.03	22	1
15	16QAM	1	74	20.99	21.11	20.94		
15	16QAM	36	0	20.15	20.15	20.16		
15	16QAM	36	20	20.01	20.03	20.01	21	2
15	16QAM	36	39	20.01	20.09	20.07		
15	16QAM	75	0	20.14	20.13	20.09		
15	64QAM	1	0	20.03	20.11	20.01		
15	64QAM	1	37	20.10	20.02	20.05	21	2
15	64QAM	1	74	20.06	20.16	19.93		
15	64QAM	36	0	19.12	19.16	19.13		
15	64QAM	36	20	19.05	19.12	18.93	20	3
15	64QAM	36	39	18.93	19.05	18.89		
15	64QAM	75	0	19.15	19.23	19.06		
15	256QAM	1	0	17.12	17.15	17.11		
15	256QAM	1	37	17.03	17.02	16.93	18	5
15	256QAM	1	74	17.06	17.14	16.97		
15	256QAM	36	0	17.26	17.17	17.07		
15	256QAM	36	20	17.02	17.11	17.01	18	5
15	256QAM	36	39	17.04	16.98	16.98		
15	256QAM	75	0	16.97	17.16	17.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.14	22.19	22.08		
10	QPSK	1	25	21.99	22.16	21.97	23	0
10	QPSK	1	49	22.04	22.16	21.95		
10	QPSK	25	0	21.09	21.21	21.11		
10	QPSK	25	12	21.01	21.10	21.02	22	1
10	QPSK	25	25	21.04	21.18	20.98		
10	QPSK	50	0	21.06	21.16	21.04		
10	16QAM	1	0	21.10	21.07	21.07		
10	16QAM	1	25	21.04	21.02	21.04	22	1
10	16QAM	1	49	21.05	21.09	20.93		
10	16QAM	25	0	20.19	20.22	20.06		
10	16QAM	25	12	20.01	20.05	20.02	21	2
10	16QAM	25	25	19.96	20.07	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	5
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.49	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	5
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26		
20	QPSK	1	49	22.15	22.28	22.17	24	0
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22		
20	QPSK	50	24	21.17	21.28	21.18	23	1
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29		
20	16QAM	1	49	21.15	21.23	21.11	23	1
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21		
20	16QAM	50	24	20.23	20.29	20.17	22	2
20	16QAM	50	50	20.20	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33		
20	64QAM	1	49	20.12	20.26	20.17	22	2
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23		
20	64QAM	50	24	19.23	19.30	19.24	21	3
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24		
20	256QAM	1	49	17.18	17.32	17.20	19	5
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23		
20	256QAM	50	24	17.19	17.27	17.32	19	5
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15		
15	QPSK	1	37	22.04	22.17	22.12	24	0
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18		
15	QPSK	36	20	21.05	21.25	21.14	23	1
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20		
15	16QAM	1	37	21.10	21.13	21.00	23	1
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18		
15	16QAM	36	20	20.15	20.24	20.03	22	2
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20		
15	64QAM	1	37	20.13	20.21	20.10	22	2
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14		
15	64QAM	36	20	19.15	19.23	19.10	21	3
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19		
15	256QAM	1	37	17.16	17.21	17.09	19	5
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16		
15	256QAM	36	20	17.12	17.23	17.26	19	5
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14		
10	QPSK	1	25	22.13	22.16	22.10	24	0
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13		
10	QPSK	25	12	21.13	21.23	21.12	23	1
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23		
10	16QAM	1	25	21.11	21.19	21.09	23	1
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18		
10	16QAM	25	12	20.17	20.20	20.13	22	2
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21		
10	64QAM	1	25	20.02	20.14	20.11	22	2
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17		
10	64QAM	25	12	19.11	19.19	19.11	21	3
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19		
10	256QAM	1	25	17.06	17.24	17.06	19	5
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16		
10	256QAM	25	12	17.10	17.23	17.23	19	5
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16		
5	QPSK	1	12	22.03	22.15	22.04	24	0
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16		
5	QPSK	12	7	21.07	21.18	21.08	23	1
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27		
5	16QAM	1	12	21.04	21.18	21.03	23	1
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12		
5	16QAM	12	7	20.18	20.25	20.09	22	2
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31		
5	64QAM	1	12	20.09	20.22	20.04	22	2
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14		
5	64QAM	12	7	19.17	19.25	19.11	21	3
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15		
5	256QAM	1	12	17.07	17.27	17.18	19	5
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12		
5	256QAM	12	7	17.08	17.24	17.25	19	5
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15		
3	QPSK	1	8	22.10	22.22	22.13	24	0
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09		
3	QPSK	8	4	21.06	21.18	21.12	23	1
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21		
3	16QAM	1	8	21.01	21.17	21.00	23	1
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09		
3	16QAM	8	4	20.14	20.22	20.10	22	2
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24		
3	64QAM	1	8	20.06	20.15	20.13	22	2
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19		
3	64QAM	8	4	19.15	19.21	19.16	21	3
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14		
3	256QAM	1	8	17.05	17.21	17.16	19	5
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21		
3	256QAM	8	4	17.06	17.16	17.27	19	5
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20		
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12	24	0
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25		
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11	23	1
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30		
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08	22	2
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11		
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09	19	5
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	668		
20	QPSK	1	0	22.61	22.65	22.59		
20	QPSK	1	49	22.53	22.64	22.56	24	0
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56		
20	QPSK	50	24	21.51	21.67	21.57	23	1
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.56	21.60	21.63		
20	16QAM	1	49	21.56	21.61	21.57	23	1
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51		
20	16QAM	50	24	20.53	20.72	20.56	22	2
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67		
20	64QAM	1	49	20.51	20.59	20.61	22	2
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59		
20	64QAM	50	24	19.47	19.66	19.62	21	3
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52		
20	256QAM	1	49	17.56	17.66	17.60	19	5
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55		
20	256QAM	50	24	17.62	17.61	17.68	19	5
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51		
15	QPSK	1	37	22.48	22.53	22.53	24	0
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45		
15	QPSK	36	20	21.41	21.64	21.50	23	1
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52		
15	16QAM	1	37	21.53	21.50	21.52	23	1
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43		
15	16QAM	36	20	20.41	20.66	20.46	22	2
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59		
15	64QAM	1	37	20.49	20.48	20.52	22	2
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46		
15	64QAM	36	20	19.33	19.57	19.52	21	3
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45		
15	256QAM	1	37	17.45	17.54	17.49	19	5
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47		
15	256QAM	36	20	17.49	17.59	17.65	19	5
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54		
10	QPSK	1	25	22.46	22.50	22.48	24	0
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47		
10	QPSK	25	12	21.48	21.57	21.50	23	1
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60		
10	16QAM	1	25	21.48	21.49	21.53	23	1
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45		
10	16QAM	25	12	20.51	20.59	20.45	22	2
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64		
10	64QAM	1	25	20.39	20.46	20.56	22	2
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50		
10	64QAM	25	12	19.33	19.53	19.53	21	3
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41		
10	256QAM	1	25	17.48	17.60	17.51	19	5
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45		
10	256QAM	25	12	17.51	17.50	17.56	19	5
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54		
5	QPSK	1	12	22.50	22.51	22.52	24	0
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44		
5	QPSK	12	7	21.39	21.63	21.52	23	1
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54		
5	16QAM	1	12	21.44	21.55	21.45	23	1
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47		
5	16QAM	12	7	20.41	20.65	20.43	22	2
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47	22	2
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52		
5	64QAM	12	7	19.36	19.59	19.57	21	3
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38		
5	256QAM	1	12	17.46	17.61	17.51	19	5
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43		
5	256QAM	12	7	17.59	17.53	17.57	19	5
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.27	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.28	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22		
5	QPSK	1	12	22.20	22.24	22.10	24	0
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.26	21.20	21.17		
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21		
3	QPSK	1	8	22.17	22.19	22.12	24	0
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.08	17.29	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11		
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04	24	0
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.08	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17		
1.4	16QAM	1	3	21.11	21.03	21.14		
1.4	16QAM	1	5	21.06	21.12	21.05	23	1
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13		
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.13	20.16	20.11	22	2
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09		
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00	19	5
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85		
10	QPSK	1	25	22.86	22.89	22.78	24	0
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.89	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83		
5	QPSK	1	12	22.76	22.78	22.71	24	0
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76		
3	QPSK	1	8	22.74	22.76	22.72	24	0
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.79	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
3	16QAM	8	4	20.83	20.88	20.70	22	2
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0	22.33			23	0
10	QPSK	1	25	22.30				
10	QPSK	1	49	22.28				
10	QPSK	25	0	21.36			22	1
10	QPSK	25	12	21.25				
10	QPSK	25	25	21.27				
10	QPSK	50	0	21.34				
10	16QAM	1	0	21.32			22	1
10	16QAM	1	25	21.31				
10	16QAM	1	49	21.32				
10	16QAM	25	0	20.34			21	2
10	16QAM	25	12	20.29				
10	16QAM	25	25	20.26				
10	16QAM	50	0	20.36				
10	64QAM	1	0	20.34			21	2
10	64QAM	1	25	20.33				
10	64QAM	1	49	20.34				
10	64QAM	25	0	19.42			20	3
10	64QAM	25	12	19.24				
10	64QAM	25	25	19.28				
10	64QAM	50	0	19.38				
10	256QAM	1	0	17.33			18	5
10	256QAM	1	25	17.27				
10	256QAM	1	49	17.23				
10	256QAM	25	0	17.35			18	5
10	256QAM	25	12	17.37				
10	256QAM	25	25	17.29				
10	256QAM	50	0	17.38				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02	23	0
20	QPSK	1	49	21.88	22.05	21.95		
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06	22	1
20	QPSK	50	24	20.93	21.00	20.91		
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08	22	1
20	16QAM	1	49	20.92	21.02	20.89		
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05	21	2
20	16QAM	50	24	19.96	19.98	19.90		
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10	21	2
20	64QAM	1	49	19.94	20.05	19.85		
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07	20	3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	5
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	5
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.93	17.04	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99	23	0
15	QPSK	1	37	21.79	22.02	21.82		
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97	22	1
15	QPSK	36	20	20.86	20.93	20.81		
15	QPSK	36	39	20.74	20.87	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02	22	1
15	16QAM	1	37	20.87	20.90	20.79		
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02	21	2
15	16QAM	36	20	19.93	19.89	19.85		
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.96	19.98		
15	64QAM	1	0	19.87	20.04	20.07	21	2
15	64QAM	1	37	19.84	19.93	19.83		
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95	20	3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	5
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	5
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89	23	0
10	QPSK	1	25	21.78	21.96	21.83		
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97	22	1
10	QPSK	25	12	20.86	20.93	20.82		
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03	22	1
10	16QAM	1	25	20.81	20.96	20.84		
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97	21	2
10	16QAM	25	12	19.86	19.95	19.84		
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98	21	2
10	64QAM	1	25	19.89	20.02	19.73		
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95	20	3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	5
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	5
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96	23	0
5	QPSK	1	12	21.80	21.98	21.90		
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02	22	1
5	QPSK	12	7	20.80	20.91	20.78		
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99	22	1
5	16QAM	1	12	20.89	20.94	20.86		
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99	21	2
5	16QAM	12	7	19.84	19.88	19.80		
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98	21	2
5	64QAM	1	12	19.80	19.97	19.79		
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96	20	3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	5
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	5
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00	23	0
3	QPSK	1	8	21.77	21.93	21.84		
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97	22	1
3	QPSK	8	4	20.87	20.93	20.80		
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04	22	1
3	16QAM	1	8	20.79	20.99	20.77		
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92	21	2
3	16QAM	8	4	19.84	19.90	19.82		
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02	21	2
3	64QAM	1	8	19.82	19.91	19.83		
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94	20	3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	5
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	5
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95	23	0
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82		
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02	22	1
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82		
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00	21	2
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86		
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93	18	5
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.48	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.67	22.71	22.66	23.9	0
20	QPSK	1	49	22.54	22.69	22.63		
20	QPSK	1	99	22.60	22.65	22.56		
20	QPSK	50	0	21.63	21.76	21.67	23	0.9
20	QPSK	50	24	21.49	21.64	21.63		
20	QPSK	50	50	21.50	21.59	21.54		
20	QPSK	100	0	21.71	21.74	21.70		
20	16QAM	1	0	21.63	21.73	21.64	23	0.9
20	16QAM	1	49	21.60	21.69	21.61		
20	16QAM	1	99	21.51	21.65	21.61		
20	16QAM	50	0	20.60	20.80	20.70	22	1.9
20	16QAM	50	24	20.48	20.70	20.59		
20	16QAM	50	50	20.45	20.64	20.55		
20	16QAM	100	0	20.70	20.68	20.66		
20	64QAM	1	0	20.67	20.70	20.62	22	1.9
20	64QAM	1	49	20.62	20.64	20.66		
20	64QAM	1	99	20.50	20.63	20.63		
20	64QAM	50	0	19.69	19.81	19.63	21	2.9
20	64QAM	50	24	19.53	19.65	19.59		
20	64QAM	50	50	19.52	19.61	19.48		
20	64QAM	100	0	19.75	19.76	19.75		
20	256QAM	1	0	17.66	17.82	17.62	19	4.9
20	256QAM	1	49	17.50	17.62	17.59		
20	256QAM	1	99	17.55	17.63	17.55		
20	256QAM	50	0	17.75	17.69	17.74	19	4.9
20	256QAM	50	24	17.63	17.71	17.62		
20	256QAM	50	50	17.60	17.71	17.64		
20	256QAM	100	0	17.53	17.65	17.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.64	22.57	23.9	0
15	QPSK	1	37	22.47	22.62	22.53		
15	QPSK	1	74	22.47	22.52	22.48		
15	QPSK	36	0	21.59	21.69	21.58	23	0.9
15	QPSK	36	20	21.35	21.60	21.53		
15	QPSK	36	39	21.42	21.54	21.46		
15	QPSK	75	0	21.69	21.65	21.63		
15	16QAM	1	0	21.61	21.69	21.60	23	0.9
15	16QAM	1	37	21.50	21.56	21.58		
15	16QAM	1	74	21.45	21.55	21.54		
15	16QAM	36	0	20.53	20.67	20.56	22	1.9
15	16QAM	36	20	20.39	20.59	20.47		
15	16QAM	36	39	20.43	20.62	20.46		
15	16QAM	75	0	20.65	20.73	20.53		
15	64QAM	1	0	20.60	20.64	20.52	22	1.9
15	64QAM	1	37	20.55	20.58	20.54		
15	64QAM	1	74	20.39	20.58	20.56		
15	64QAM	36	0	19.61	19.76	19.60	21	2.9
15	64QAM	36	20	19.48	19.55	19.47		
15	64QAM	36	39	19.39	19.56	19.43		
15	64QAM	75	0	19.65	19.74	19.68		
15	256QAM	1	0	17.64	17.75	17.50	19	4.9
15	256QAM	1	37	17.37	17.60	17.48		
15	256QAM	1	74	17.42	17.57	17.44		
15	256QAM	36	0	17.71	17.58	17.64	19	4.9
15	256QAM	36	20	17.53	17.69	17.53		
15	256QAM	36	39	17.49	17.57	17.62		
15	256QAM	75	0	17.42	17.63	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1905		
10	QPSK	1	0	22.58	22.63	22.59	23.9	0
10	QPSK	1	25	22.50	22.62	22.50		
10	QPSK	1	49	22.43	22.62	22.45		
10	QPSK	25	0	21.50	21.64	21.63	23	0.9
10	QPSK	25	12	21.42	21.61	21.57		
10	QPSK	25	25	21.41	21.53	21.43		
10	QPSK	50	0	21.61	21.70	21.63		
10	16QAM	1	0	21.56	21.64	21.59	23	0.9
10	16QAM	1	25	21.47	21.55	21.56		
10	16QAM	1	49	21.46	21.62	21.58		
10	16QAM	25	0	20.56	20.69	20.65	22	1.9
10	16QAM	25	12	20.37	20.60	20.52		
10	16QAM	25	25	20.31	20.59	20.45		
10	16QAM	50	0	20.61	20.71	20.54		
10	64QAM	1	0	20.63	20.67	20.53	22	1.9
10	64QAM	1	25	20.53	20.56	20.58		
10	64QAM	1	49	20.39	20.52	20.57		
10	64QAM	25	0	19.63	19.79	19.54	21	2.9
10	64QAM	25	12	19.47	19.61	19.48		
10	64QAM	25	25	19.45	19.57	19.45		
10	64QAM	50	0	19.72	19.66	19.71		
10	256QAM	1	0	17.59	17.71	17.55	19	4.9
10	256QAM	1	25	17.40	17.59	17.48		
10	256QAM	1	49	17.43	17.51	17.47		
10	256QAM	25	0	17.73	17.61	17.64	19	4.9
10	256QAM	25	12	17.56	17.66	17.49		
10	256QAM	25	25	17.48	17.59	17.60		
10	256QAM	50	0	17.49	17.56	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.59	22.65	22.64	23.9	0
5	QPSK	1	12	22.42	22.61	22.52		
5	QPSK	1	24	22.48	22.62	22.49		
5	QPSK	12	0	21.58	21.62	21.63	23	0.9
5	QPSK	12	7	21.41	21.56	21.60		
5	QPSK	12	13	21.40	21.51	21.46		
5	QPSK	25	0	21.58	21.61	21.65		
5	16QAM	1	0	21.50	21.68	21.51	23	0.9
5	16QAM	1	12	21.46	21.57	21.58		
5	16QAM	1	24	21.46	21.54	21.54		
5	16QAM	12	0	20.49	20.73	20.62	22	1.9
5	16QAM	12	7	20.36	20.60	20.51		
5	16QAM	12	13	20.42	20.56	20.42		
5	16QAM	25	0	20.66	20.60	20.58		
5	64QAM	1	0	20.59	20.57	20.51	22	1.9
5	64QAM	1	12	20.51	20.50	20.63		
5	64QAM	1	24	20.46	20.50	20.53		
5	64QAM	12	0	19.65	19.78	19.60	21	2.9
5	64QAM	12	7	19.45	19.51	19.49		
5	64QAM	12	13	19.47	19.58	19.36		
5	64QAM	25	0	19.72	19.66	19.65		
5	256QAM	1	0	17.62	17.70	17.51	19	4.9
5	256QAM	1	12	17.36	17.50	17.56		
5	256QAM	1	24	17.52	17.54	17.43		
5	256QAM	12	0	17.63	17.55	17.71	19	4.9
5	256QAM	12	7	17.58	17.64	17.56		
5	256QAM	12	13	17.51	17.61	17.54		
5	256QAM	25	0	17.48	17.61	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.60	22.61	22.54	23.9	0
3	QPSK	1	8	22.43	22.55	22.53		
3	QPSK	1	14	22.44	22.61	22.43		
3	QPSK	8	0	21.59	21.73	21.61	23	0.9
3	QPSK	8	4	21.41	21.56	21.59		
3	QPSK	8	7	21.46	21.46	21.41		
3	QPSK	15	0	21.68	21.66	21.59		
3	16QAM	1	0	21.49	21.66	21.61	23	0.9
3	16QAM	1	8	21.53	21.58	21.50		
3	16QAM	1	14	21.45	21.56	21.55		
3	16QAM	8	0	20.49	20.68	20.59	22	1.9
3	16QAM	8	4	20.38	20.59	20.50		
3	16QAM	8	7	20.31	20.57	20.41		
3	16QAM	15	0	20.56	20.55	20.54		
3	64QAM	1	0	20.63	20.65	20.50	22	1.9
3	64QAM	1	8	20.59	20.62	20.59		
3	64QAM	1	14	20.45	20.54	20.55		
3	64QAM	8	0	19.62	19.78	19.55	21	2.9
3	64QAM	8	4	19.43	19.57	19.50		
3	64QAM	8	7	19.40	19.57	19.38		
3	64QAM	15	0	19.72	19.74	19.71		
3	256QAM	1	0	17.62	17.78	17.56	19	4.9
3	256QAM	1	8	17.46	17.55	17.55		
3	256QAM	1	14	17.46	17.53	17.52		
3	256QAM	8	0	17.63	17.56	17.65	19	4.9
3	256QAM	8	4	17.61	17.67	17.58		
3	256QAM	8	7	17.49	17.67	17.54		
3	256QAM	15	0	17.39	17.59	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.55	23.9	0
1.4	QPSK	1	3	22.43	22.61	22.50		
1.4	QPSK	1	5	22.49	22.52	22.46		
1.4	QPSK	3	0	22.52	22.54	22.53		
1.4	QPSK	3	1	22.40	22.51	22.41		
1.4	QPSK	3	3	22.42	22.38	22.41		
1.4	QPSK	6	0	21.64	21.69	21.65	23	0.9
1.4	16QAM	1	0	21.59	21.64	21.52	23	0.9
1.4	16QAM	1	3	21.48	21.57	21.50		
1.4	16QAM	1	5	21.46	21.55	21.47		
1.4	16QAM	3	0	21.51	21.65	21.63		
1.4	16QAM	3	1	21.48	21.61	21.49		
1.4	16QAM	3	3	21.35	21.46	21.42		
1.4	16QAM	6	0	20.60	20.63	20.54	22	1.9
1.4	64QAM	1	0	20.60	20.63	20.56	22	1.9
1.4	64QAM	1	3	20.52	20.53	20.57		
1.4	64QAM	1	5	20.43	20.60	20.49		
1.4	64QAM	3	0	20.48	20.61	20.41		
1.4	64QAM	3	1	20.47	20.59	20.44		
1.4	64QAM	3	3	20.42	20.39	20.52		
1.4	64QAM	6	0	19.71	19.64	19.68	21	2.9
1.4	256QAM	1	0	17.63	17.80	17.49	19	4.9
1.4	256QAM	1	3	17.47	17.57	17.51		
1.4	256QAM	1	5	17.47	17.61	17.43		
1.4	256QAM	3	0	17.67	17.66	17.68		
1.4	256QAM	3	1	17.54	17.67	17.60		
1.4	256QAM	3	3	17.53	17.62	17.60		
1.4	256QAM	6	0	17.44	17.54	17.53	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.89	21.90	21.82	23.2	0
20	QPSK	1	49	21.79	21.80	21.81		
20	QPSK	1	99	21.81	21.82	21.85		
20	QPSK	50	0	21.71	21.76	21.63	23	0.2
20	QPSK	50	24	21.57	21.66	21.59		
20	QPSK	50	50	21.61	21.71	21.56		
20	QPSK	100	0	21.68	21.73	21.61		
20	16QAM	1	0	21.71	21.72	21.61	23	0.2
20	16QAM	1	49	21.60	21.63	21.51		
20	16QAM	1	99	21.60	21.67	21.51		
20	16QAM	50	0	20.77	20.76	20.59	22	1.2
20	16QAM	50	24	20.54	20.69	20.59		
20	16QAM	50	50	20.63	20.69	20.57		
20	16QAM	100	0	20.72	20.78	20.59		
20	64QAM	1	0	20.76	20.75	20.66	22	1.2
20	64QAM	1	49	20.61	20.61	20.51		
20	64QAM	1	99	20.64	20.70	20.57		
20	64QAM	50	0	19.71	19.70	19.60	21	2.2
20	64QAM	50	24	19.56	19.64	19.56		
20	64QAM	50	50	19.63	19.69	19.54		
20	64QAM	100	0	19.73	19.77	19.55		
20	256QAM	1	0	17.70	17.82	17.67	19	4.2
20	256QAM	1	49	17.61	17.64	17.64		
20	256QAM	1	99	17.57	17.69	17.53		
20	256QAM	50	0	17.68	17.70	17.64	19	4.2
20	256QAM	50	24	17.76	17.74	17.64		
20	256QAM	50	50	17.61	17.68	17.50		
20	256QAM	100	0	17.59	17.68	17.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.77	21.82	21.80	23.2	0
15	QPSK	1	37	21.78	21.84	21.83		
15	QPSK	1	74	21.76	21.79	21.77		
15	QPSK	36	0	21.65	21.63	21.58	23	0.2
15	QPSK	36	20	21.54	21.59	21.53		
15	QPSK	36	39	21.48	21.60	21.54		
15	QPSK	75	0	21.64	21.69	21.52		
15	16QAM	1	0	21.63	21.62	21.55	23	0.2
15	16QAM	1	37	21.48	21.51	21.37		
15	16QAM	1	74	21.53	21.57	21.46		
15	16QAM	36	0	20.74	20.67	20.48	22	1.2
15	16QAM	36	20	20.47	20.61	20.51		
15	16QAM	36	39	20.59	20.63	20.51		
15	16QAM	75	0	20.64	20.68	20.49		
15	64QAM	1	0	20.74	20.72	20.64	22	1.2
15	64QAM	1	37	20.48	20.48	20.41		
15	64QAM	1	74	20.53	20.60	20.55		
15	64QAM	36	0	19.57	19.59	19.54	21	2.2
15	64QAM	36	20	19.48	19.55	19.47		
15	64QAM	36	39	19.61	19.59	19.42		
15	64QAM	75	0	19.63	19.71	19.41		
15	256QAM	1	0	17.60	17.77	17.55	19	4.2
15	256QAM	1	37	17.48	17.52	17.46		
15	256QAM	1	74	17.44	17.62	17.48		
15	256QAM	36	0	17.61	17.63	17.50	19	4.2
15	256QAM	36	20	17.72	17.63	17.59		
15	256QAM	36	39	17.57	17.61	17.39		
15	256QAM	75	0	17.52	17.58	17.35		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.85	21.85	21.82	23.2	0
10	QPSK	1	25	21.76	21.83	21.86		
10	QPSK	1	49	21.79	21.86	21.87		
10	QPSK	25	0	21.61	21.65	21.59	23	0.2
10	QPSK	25	12	21.52	21.53	21.53		
10	QPSK	25	25	21.51	21.61	21.48		
10	QPSK	50	0	21.59	21.64	21.54		
10	16QAM	1	0	21.65	21.67	21.53	23	0.2
10	16QAM	1	25	21.54	21.55	21.39		
10	16QAM	1	49	21.54	21.66	21.42		
10	16QAM	25	0	20.64	20.70	20.53	22	1.2
10	16QAM	25	12	20.42	20.57	20.51		
10	16QAM	25	25	20.54	20.56	20.50		
10	16QAM	50	0	20.68	20.71	20.51		
10	64QAM	1	0	20.66	20.71	20.57	22	1.2
10	64QAM	1	25	20.49	20.47	20.45		
10	64QAM	1	49	20.59	20.62	20.44		
10	64QAM	25	0	19.58	19.62	19.53	21	2.2
10	64QAM	25	12	19.51	19.60	19.48		
10	64QAM	25	25	19.49	19.61	19.41		
10	64QAM	50	0	19.67	19.63	19.48		
10	256QAM	1	0	17.61	17.70	17.58	19	4.2
10	256QAM	1	25	17.51	17.58	17.59		
10	256QAM	1	49	17.50	17.57	17.47		
10	256QAM	25	0	17.60	17.63	17.55	19	4.2
10	256QAM	25	12	17.67	17.61	17.59		
10	256QAM	25	25	17.49	17.61	17.42		
10	256QAM	50	0	17.45	17.60	17.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.78	21.83	21.78	23.2	0
5	QPSK	1	12	21.80	21.80	21.78		
5	QPSK	1	24	21.85	21.83	21.80		
5	QPSK	12	0	21.61	21.62	21.54	23	0.2
5	QPSK	12	7	21.44	21.53	21.48		
5	QPSK	12	13	21.56	21.68	21.53		
5	QPSK	25	0	21.55	21.64	21.51		
5	16QAM	1	0	21.69	21.62	21.55	23	0.2
5	16QAM	1	12	21.48	21.61	21.58		
5	16QAM	1	24	21.47	21.64	21.45		
5	16QAM	12	0	20.70	20.65	20.51	22	1.2
5	16QAM	12	7	20.50	20.64	20.49		
5	16QAM	12	13	20.57	20.66	20.54		
5	16QAM	25	0	20.65	20.66	20.50		
5	64QAM	1	0	20.70	20.66	20.61	22	1.2
5	64QAM	1	12	20.55	20.50	20.39		
5	64QAM	1	24	20.52	20.65	20.44		
5	64QAM	12	0	19.61	19.59	19.57	21	2.2
5	64QAM	12	7	19.50	19.61	19.51		
5	64QAM	12	13	19.58	19.66	19.48		
5	64QAM	25	0	19.64	19.75	19.45		
5	256QAM	1	0	17.60	17.75	17.61	19	4.2
5	256QAM	1	12	17.58	17.60	17.56		
5	256QAM	1	24	17.50	17.61	17.49		
5	256QAM	12	0	17.55	17.63	17.56	19	4.2
5	256QAM	12	7	17.72	17.62	17.57		
5	256QAM	12	13	17.58	17.54	17.46		
5	256QAM	25	0	17.55	17.66	17.41		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.37		23.3	0
10	QPSK	1	25		22.35			
10	QPSK	1	49		22.33			
10	QPSK	25	0		21.81		23	0.3
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.77			
10	16QAM	1	0		21.75		23	0.3
10	16QAM	1	25		21.71			
10	16QAM	1	49		21.72			
10	16QAM	25	0		20.78		22	1.3
10	16QAM	25	12		20.78			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.78		22	1.3
10	64QAM	1	25		20.77			
10	64QAM	1	49		20.72			
10	64QAM	25	0		19.79		21	2.3
10	64QAM	25	12		19.76			
10	64QAM	25	25		19.68			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.77		19	4.3
10	256QAM	1	25		17.82			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.82		19	4.3
10	256QAM	25	12		17.73			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.71			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.25	22.32	22.29	23.3	0
5	QPSK	1	12	22.26	22.35	22.31		
5	QPSK	1	24	22.35	22.33	22.28		
5	QPSK	12	0	21.73	21.78	21.69	23	0.3
5	QPSK	12	7	21.69	21.64	21.69		
5	QPSK	12	13	21.54	21.63	21.61		
5	QPSK	25	0	21.71	21.71	21.65		
5	16QAM	1	0	21.67	21.67	21.62	23	0.3
5	16QAM	1	12	21.67	21.61	21.66		
5	16QAM	1	24	21.61	21.63	21.70		
5	16QAM	12	0	20.66	20.72	20.67	22	1.3
5	16QAM	12	7	20.68	20.73	20.73		
5	16QAM	12	13	20.63	20.56	20.66		
5	16QAM	25	0	20.63	20.66	20.67		
5	64QAM	1	0	20.72	20.69	20.65	22	1.3
5	64QAM	1	12	20.68	20.70	20.69		
5	64QAM	1	24	20.61	20.68	20.63		
5	64QAM	12	0	19.72	19.74	19.69	21	2.3
5	64QAM	12	7	19.67	19.70	19.69		
5	64QAM	12	13	19.58	19.62	19.59		
5	64QAM	25	0	19.74	19.72	19.72		
5	256QAM	1	0	17.67	17.63	17.70	19	4.3
5	256QAM	1	12	17.79	17.80	17.79		
5	256QAM	1	24	17.68	17.65	17.64		
5	256QAM	12	0	17.69	17.74	17.75	19	4.3
5	256QAM	12	7	17.66	17.71	17.63		
5	256QAM	12	13	17.68	17.64	17.66		
5	256QAM	25	0	17.59	17.57	17.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.79	22.81	22.75	24	0
20	QPSK	1	49	22.74	22.78	22.62		
20	QPSK	1	99	22.76	22.77	22.61		
20	QPSK	50	0	21.80	21.84	21.74	23	1
20	QPSK	50	24	21.73	21.80	21.58		
20	QPSK	50	50	21.73	21.79	21.67		
20	QPSK	100	0	21.82	21.83	21.77		
20	16QAM	1	0	21.83	21.80	21.74	23	1
20	16QAM	1	49	21.77	21.77	21.66		
20	16QAM	1	99	21.71	21.74	21.63		
20	16QAM	50	0	20.79	20.76	20.73	22	2
20	16QAM	50	24	20.78	20.76	20.59		
20	16QAM	50	50	20.71	20.84	20.64		
20	16QAM	100	0	20.76	20.83	20.74		
20	64QAM	1	0	20.79	20.74

Band 2 Ant 3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.91	22.95	22.88	23.9	0
20	QPSK	1	49	22.78	22.92	22.74		
20	QPSK	1	99	22.82	22.91	22.80		
20	QPSK	50	0	21.95	21.98	21.94	23	0.9
20	QPSK	50	24	21.77	21.96	21.71		
20	QPSK	50	50	21.87	21.91	21.84		
20	QPSK	100	0	21.91	21.95	21.86		
20	16QAM	1	0	21.90	21.93	21.91	23	0.9
20	16QAM	1	49	21.82	21.95	21.77		
20	16QAM	1	99	21.83	21.97	21.83		
20	16QAM	50	0	20.93	20.96	20.98	22	1.9
20	16QAM	50	24	20.83	20.94	20.75		
20	16QAM	50	50	20.87	20.90	20.83		
20	16QAM	100	0	20.93	20.91	20.92		
20	64QAM	1	0	20.90	20.91	20.91	22	1.9
20	64QAM	1	49	20.77	20.90	20.74		
20	64QAM	1	99	20.85	20.95	20.86		
20	64QAM	50	0	19.96	19.96	19.92	21	2.9
20	64QAM	50	24	19.78	19.96	19.86		
20	64QAM	50	50	19.86	19.88	19.84		
20	64QAM	100	0	20.02	19.93	19.80		
20	256QAM	1	0	17.92	17.97	17.89	19	4.9
20	256QAM	1	49	17.75	18.00	17.73		
20	256QAM	1	99	17.93	17.88	17.87		
20	256QAM	50	0	17.93	17.89	17.85	19	4.9
20	256QAM	50	24	17.98	17.89	17.94		
20	256QAM	50	50	17.79	17.90	17.72		
20	256QAM	100	0	17.78	17.99	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.86	22.92	22.75	23.9	0
15	QPSK	1	37	22.76	22.87	22.71		
15	QPSK	1	74	22.71	22.81	22.75		
15	QPSK	36	0	21.91	21.93	21.92	23	0.9
15	QPSK	36	20	21.74	21.85	21.69		
15	QPSK	36	39	21.74	21.86	21.81		
15	QPSK	75	0	21.84	21.83	21.83		
15	16QAM	1	0	21.83	21.82	21.79	23	0.9
15	16QAM	1	37	21.73	21.84	21.75		
15	16QAM	1	74	21.72	21.82	21.76		
15	16QAM	36	0	20.80	20.86	20.89	22	1.9
15	16QAM	36	20	20.73	20.86	20.69		
15	16QAM	36	39	20.79	20.83	20.71		
15	16QAM	75	0	20.81	20.84	20.82		
15	64QAM	1	0	20.82	20.81	20.84	22	1.9
15	64QAM	1	37	20.69	20.82	20.67		
15	64QAM	1	74	20.78	20.86	20.81		
15	64QAM	36	0	19.86	19.85	19.88	21	2.9
15	64QAM	36	20	19.75	19.84	19.53		
15	64QAM	36	39	19.74	19.84	19.78		
15	64QAM	75	0	19.97	19.79	19.77		
15	256QAM	1	0	17.84	17.88	17.86	19	4.9
15	256QAM	1	37	17.65	17.96	17.76		
15	256QAM	1	74	17.81	17.85	17.81		
15	256QAM	36	0	17.85	17.86	17.71	19	4.9
15	256QAM	36	20	17.85	17.76	17.86		
15	256QAM	36	39	17.65	17.79	17.70		
15	256QAM	75	0	17.75	17.92	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.86	22.90	22.77	23.9	0
10	QPSK	1	25	22.71	22.81	22.67		
10	QPSK	1	49	22.75	22.89	22.73		
10	QPSK	25	0	21.87	21.90	21.88	23	0.9
10	QPSK	25	12	21.66	21.83	21.63		
10	QPSK	25	25	21.73	21.87	21.81		
10	QPSK	50	0	21.90	21.86	21.77		
10	16QAM	1	0	21.88	21.80	21.84	23	0.9
10	16QAM	1	25	21.72	21.91	21.70		
10	16QAM	1	49	21.74	21.88	21.77		
10	16QAM	25	0	20.86	20.86	20.87	22	1.9
10	16QAM	25	12	20.72	20.89	20.68		
10	16QAM	25	25	20.83	20.86	20.79		
10	16QAM	50	0	20.80	20.85	20.80		
10	64QAM	1	0	20.82	20.86	20.78	22	1.9
10	64QAM	1	25	20.75	20.79	20.66		
10	64QAM	1	49	20.79	20.89	20.78		
10	64QAM	25	0	19.91	19.86	19.79	21	2.9
10	64QAM	25	12	19.67	19.84	19.53		
10	64QAM	25	25	19.77	19.82	19.73		
10	64QAM	50	0	19.96	19.84	19.69		
10	256QAM	1	0	17.85	17.86	17.76	19	4.9
10	256QAM	1	25	17.63	17.94	17.67		
10	256QAM	1	49	17.87	17.75	17.74		
10	256QAM	25	0	17.84	17.78	17.74	19	4.9
10	256QAM	25	12	17.86	17.76	17.81		
10	256QAM	25	25	17.70	17.77	17.67		
10	256QAM	50	0	17.70	17.94	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.79	22.87	22.84	23.9	0
5	QPSK	1	12	22.69	22.81	22.69		
5	QPSK	1	24	22.73	22.80	22.77		
5	QPSK	12	0	21.93	21.91	21.80	23	0.9
5	QPSK	12	7	21.65	21.90	21.66		
5	QPSK	12	13	21.79	21.88	21.81		
5	QPSK	25	0	21.87	21.92	21.74		
5	16QAM	1	0	21.91	21.81	21.83	23	0.9
5	16QAM	1	12	21.77	21.90	21.72		
5	16QAM	1	24	21.70	21.84	21.78		
5	16QAM	12	0	20.84	20.94	20.92	22	1.9
5	16QAM	12	7	20.70	20.81	20.66		
5	16QAM	12	13	20.83	20.87	20.75		
5	16QAM	25	0	20.90	20.79	20.80		
5	64QAM	1	0	20.76	20.86	20.84	22	1.9
5	64QAM	1	12	20.75	20.77	20.63		
5	64QAM	1	24	20.79	20.88	20.83		
5	64QAM	12	0	19.85	19.88	19.83	21	2.9
5	64QAM	12	7	19.74	19.92	19.57		
5	64QAM	12	13	19.80	19.76	19.78		
5	64QAM	25	0	19.88	19.84	19.75		
5	256QAM	1	0	17.85	17.85	17.76	19	4.9
5	256QAM	1	12	17.71	17.90	17.69		
5	256QAM	1	24	17.90	17.82	17.76		
5	256QAM	12	0	17.84	17.86	17.81	19	4.9
5	256QAM	12	7	17.96	17.80	17.80		
5	256QAM	12	13	17.67	17.83	17.64		
5	256QAM	25	0	17.70	17.92	17.74		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.90	22.79	23.9	0
3	QPSK	1	8	22.67	22.84	22.67		
3	QPSK	1	14	22.72	22.87	22.67		
3	QPSK	8	0	21.88	21.89	21.91	23	0.9
3	QPSK	8	4	21.68	21.92	21.67		
3	QPSK	8	7	21.76	21.84	21.73		
3	QPSK	15	0	21.84	21.93	21.78		
3	16QAM	1	0	21.85	21.84	21.79	23	0.9
3	16QAM	1	8	21.69	21.88	21.68		
3	16QAM	1	14	21.79	21.95	21.76		
3	16QAM	8	0	20.85	20.90	20.95	22	1.9
3	16QAM	8	4	20.76	20.80	20.63		
3	16QAM	8	7	20.79	20.82	20.76		
3	16QAM	15	0	20.82	20.87	20.88		
3	64QAM	1	0	20.79	20.81	20.79	22	1.9
3	64QAM	1	8	20.68	20.82	20.65		
3	64QAM	1	14	20.82	20.85	20.75		
3	64QAM	8	0	19.85	19.87	19.90	21	2.9
3	64QAM	8	4	19.64	19.89	19.60		
3	64QAM	8	7	19.79	19.86	19.80		
3	64QAM	15	0	19.90	19.83	19.76		
3	256QAM	1	0	17.78	17.93	17.80	19	4.9
3	256QAM	1	8	17.67	17.97	17.70		
3	256QAM	1	14	17.79	17.82	17.78		
3	256QAM	8	0	17.86	17.84	17.79	19	4.9
3	256QAM	8	4	17.90	17.78	17.87		
3	256QAM	8	7	17.68	17.87	17.61		
3	256QAM	15	0	17.67	17.93	17.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.88	22.81	22.75	23.9	0
1.4	QPSK	1	3	22.70	22.83	22.69		
1.4	QPSK	1	5	22.74	22.84	22.71		
1.4	QPSK	3	0	22.78	22.72	22.69		
1.4	QPSK	3	1	22.57	22.71	22.55		
1.4	QPSK	3	3	22.62	22.75	22.67		
1.4	QPSK	6	0	21.67	21.82	21.83	23	0.9
1.4	16QAM	1	0	21.92	21.82	21.88	23	0.9
1.4	16QAM	1	3	21.69	21.93	21.66		
1.4	16QAM	1	5	21.81	21.93	21.78		
1.4	16QAM	3	0	21.75	21.77	21.75		
1.4	16QAM	3	1	21.81	21.71	21.76		
1.4	16QAM	3	3	21.55	21.81	21.53		
1.4	16QAM	6	0	20.79	20.80	20.78	22	1.9
1.4	64QAM	1	0	20.85	20.82	20.79	22	1.9
1.4	64QAM	1	3	20.67	20.87	20.60		
1.4	64QAM	1	5	20.81	20.82	20.78		
1.4	64QAM	3	0	20.74	20.72	20.67		
1.4	64QAM	3	1	20.78	20.80	20.66		
1.4	64QAM	3	3	20.60	20.74	20.46		
1.4	64QAM	6	0	19.96	19.85	19.73	21	2.9
1.4	256QAM	1	0	17.84	17.88	17.78	19	4.9
1.4	256QAM	1	3	17.72	17.90	17.59		
1.4	256QAM	1	5	17.81	17.77	17.74		
1.4	256QAM	3	0	17.82	17.83	17.80		
1.4	256QAM	3	1	17.88	17.80	17.89		
1.4	256QAM	3	3	17.71	17.80	17.67		
1.4	256QAM	6	0	17.68	17.91	17.71	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.62	22.66	22.58	23.7	0
20	QPSK	1	49	22.57	22.62	22.58		
20	QPSK	1	99	22.53	22.58	22.57		
20	QPSK	50	0	21.64	21.72	21.66	23	0.7
20	QPSK	50	24	21.59	21.59	21.58		
20	QPSK	50	50	21.52	21.53	21.62		
20	QPSK	100	0	21.65	21.70	21.63		
20	16QAM	1	0	21.68	21.69	21.61	23	0.7
20	16QAM	1	49	21.59	21.59	21.58		
20	16QAM	1	99	21.50	21.60	21.56		
20	16QAM	50	0	20.63	20.67	20.65	22	1.7
20	16QAM	50	24	20.57	20.62	20.55		
20	16QAM	50	50	20.52	20.56	20.66		
20	16QAM	100	0	20.67	20.71	20.63		
20	64QAM	1	0	20.66	20.73	20.61	22	1.7
20	64QAM	1	49	20.56	20.56	20.55		
20	64QAM	1	99	20.48	20.64	20.61		
20	64QAM	50	0	19.64	19.66	19.69	21	2.7
20	64QAM	50	24	19.59	19.61	19.59		
20	64QAM	50	50	19.47	19.51	19.64		
20	64QAM	100	0	19.66	19.69	19.63		
20	256QAM	1	0	17.63	17.69	17.69	19	4.7
20	256QAM	1	49	17.62	17.53	17.54		
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64	19	4.7
20	256QAM	50	24	17.69	17.73	17.59		
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.55	22.62	22.58	23.7	0
15	QPSK	1	37	22.54	22.54	22.49		
15	QPSK	1	74	22.46	22.49	22.50		
15	QPSK	36	0	21.56	21.67	21.61	23	0.7
15	QPSK	36	20	21.53	21.48	21.44		
15	QPSK	36	39	21.39	21.40	21.53		
15	QPSK	75	0	21.59	21.65	21.54		
15	16QAM	1	0	21.58	21.63	21.51	23	0.7
15	16QAM	1	37	21.48	21.53	21.50		
15	16QAM	1	74	21.48	21.49	21.51		
15	16QAM	36	0	20.59	20.57	20.63	22	1.7
15	16QAM	36	20	20.53	20.54	20.46		
15	16QAM	36	39	20.46	20.50	20.60		
15	16QAM	75	0	20.63	20.63	20.53		
15	64QAM	1	0	20.63	20.65	20.57	22	1.7
15	64QAM	1	37	20.42	20.43	20.49		
15	64QAM	1	74	20.40	20.54	20.55		
15	64QAM	36	0	19.52	19.63	19.63	21	2.7
15	64QAM	36	20	19.52	19.54	19.49		
15	64QAM	36	39	19.33	19.41	19.58		
15	64QAM	75	0	19.57	19.58	19.53		
15	256QAM	1	0	17.57	17.60	17.63	19	4.7
15	256QAM	1	37	17.56	17.44	17.52		
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52	19	4.7
15	256QAM	36	20	17.58	17.63	17.54		
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.50	22.55	22.54	23.7	0
10	QPSK	1	25	22.47	22.51	22.49		
10	QPSK	1	49	22.51	22.51	22.50		
10	QPSK	25	0	21.60	21.59	21.63	23	0.7
10	QPSK	25	12	21.49	21.47	21.47		
10	QPSK	25	25	21.42	21.46	21.49		
10	QPSK	50	0	21.55	21.56	21.56		
10	16QAM	1	0	21.65	21.63	21.55	23	0.7
10	16QAM	1	25	21.52	21.48	21.53		
10	16QAM	1	49	21.41	21.47	21.51		
10	16QAM	25	0	20.55	20.63	20.62	22	1.7
10	16QAM	25	12	20.49	20.60	20.49		
10	16QAM	25	25	20.44	20.46	20.59		
10	16QAM	50	0	20.56	20.68	20.52		
10	64QAM	1	0	20.52	20.60	20.49	22	1.7
10	64QAM	1	25	20.52	20.48	20.53		
10	64QAM	1	49	20.43	20.51	20.49		
10	64QAM	25	0	19.57	19.56	19.62	21	2.7
10	64QAM	25	12	19.53	19.57	19.46		
10	64QAM	25	25	19.38	19.44	19.54		
10	64QAM	50	0	19.56	19.64	19.52		
10	256QAM	1	0	17.54	17.58	17.66	19	4.7
10	256QAM	1	25	17.58	17.51	17.47		
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56	19	4.7
10	256QAM	25	12	17.61	17.71	17.49		
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.55	22.56	23.7	0
5	QPSK	1	12	22.54	22.59	22.47		
5	QPSK	1	24	22.43	22.54	22.54		
5	QPSK	12	0	21.50	21.69	21.62	23	0.7
5	QPSK	12	7	21.48	21.55	21.47		
5	QPSK	12	13	21.43	21.44	21.52		
5	QPSK	25	0	21.53	21.57	21.60		
5	16QAM	1	0	21.63	21.61	21.48	23	0.7
5	16QAM	1	12	21.47	21.54	21.55		
5	16QAM	1	24	21.47	21.52	21.46		
5	16QAM	12	0	20.54	20.59	20.56	22	1.7
5	16QAM	12	7	20.47	20.52	20.44		
5	16QAM	12	13	20.45	20.48	20.56		
5	16QAM	25	0	20.54	20.60	20.54		
5	64QAM	1	0	20.52	20.62	20.50	22	1.7
5	64QAM	1	12	20.48	20.49	20.47		
5	64QAM	1	24	20.45	20.58	20.58		
5	64QAM	12	0	19.52	19.53	19.63	21	2.7
5	64QAM	12	7	19.50	19.49	19.54		
5	64QAM	12	13	19.44	19.44	19.60		
5	64QAM	25	0	19.55	19.56	19.52		
5	256QAM	1	0	17.52	17.57	17.62	19	4.7
5	256QAM	1	12	17.53	17.41	17.51		
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61	19	4.7
5	256QAM	12	7	17.59	17.66	17.55		
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.64	22.49	23.7	0
3	QPSK	1	8	22.45	22.55	22.47		
3	QPSK	1	14	22.45	22.47	22.43		
3	QPSK	8	0	21.60	21.70	21.61	23	0.7
3	QPSK	8	4	21.52	21.47	21.55		
3	QPSK	8	7	21.41	21.46	21.51		
3	QPSK	15	0	21.55	21.62	21.58		
3	16QAM	1	0	21.66	21.57	21.53	23	0.7
3	16QAM	1	8	21.50	21.57	21.48		
3	16QAM	1	14	21.38	21.50	21.44		
3	16QAM	8	0	20.58	20.58	20.54	22	1.7
3	16QAM	8	4	20.48	20.51	20.48		
3	16QAM	8	7	20.41	20.47	20.59		
3	16QAM	15	0	20.54	20.58	20.61		
3	64QAM	1	0	20.53	20.63	20.57	22	1.7
3	64QAM	1	8	20.51	20.47	20.42		
3	64QAM	1	14	20.34	20.59	20.51		
3	64QAM	8	0	19.52	19.60	19.60	21	2.7
3	64QAM	8	4	19.54	19.49	19.46		
3	64QAM	8	7	19.40	19.41	19.53		
3	64QAM	15	0	19.54	19.63	19.58		
3	256QAM	1	0	17.55	17.60	17.66	19	4.7
3	256QAM	1	8	17.51	17.44	17.44		
3	256QAM	1	14	17.51	17.45	17.43		
3	256QAM	8	0	17.61	17.62	17.53	19	4.7
3	256QAM	8	4	17.58	17.60	17.47		
3	256QAM	8	7	17.61	17.57	17.49		
3	256QAM	15	0	17.37	17.60	17.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.55	22.63	22.53	23.7	0
1.4	QPSK	1	3	22.48	22.59	22.45		
1.4	QPSK	1	5	22.40	22.49	22.55		
1.4	QPSK	3	0	22.46	22.60	22.48		
1.4	QPSK	3	1	22.45	22.57	22.43		
1.4	QPSK	3	3	22.27	22.41	22.50		
1.4	QPSK	6	0	21.54	21.56	21.58	23	0.7
1.4	16QAM	1	0	21.58	21.66	21.49	23	0.7
1.4	16QAM	1	3	21.49	21.49	21.48		
1.4	16QAM	1	5	21.41	21.54	21.47		
1.4	16QAM	3	0	21.47	21.44	21.45		
1.4	16QAM	3	1	21.51	21.63	21.41		
1.4	16QAM	3	3	21.41	21.41	21.45		
1.4	16QAM	6	0	20.58	20.57	20.56	22	1.7
1.4	64QAM	1	0	20.63	20.71	20.56	22	1.7
1.4	64QAM	1	3	20.50	20.46	20.51		
1.4	64QAM	1	5	20.38	20.62	20.58		
1.4	64QAM	3	0	20.52	20.54	20.46		
1.4	64QAM	3	1	20.61	20.64	20.45		
1.4	64QAM	3	3	20.39	20.44	20.43		
1.4	64QAM	6	0	19.54	19.63	19.51	21	2.7
1.4	256QAM	1	0	17.55	17.61	17.61	19	4.7
1.4	256QAM	1	3	17.56	17.40	17.44		
1.4	256QAM	1	5	17.46	17.46	17.52		
1.4	256QAM	3	0	17.58	17.68	17.57		
1.4	256QAM	3	1	17.56	17.65	17.54		
1.4	256QAM	3	3	17.60	17.58	17.53		
1.4	256QAM	6	0	17.41	17.54	17.53	19	4.7

Reduced Power Mode for DSI 7_Other Path

Band 2 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03	23	0
20	QPSK	1	49	22.00	22.08	21.89		
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01	22	1
20	QPSK	50	24	20.95	21.11	20.85		
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.21	21.72	22	1
20	16QAM	1	49	20.99	21.09	20.94		
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98	21	2
20	16QAM	50	24	19.91	20.16	19.84		
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12	21	2
20	64QAM	1	49	20.01	20.06	19.93		
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03	20	3
20	64QAM	50	24	18.98	19.16	18.88		
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01	18	5
20	256QAM	1	49	17.00	17.06	16.84		
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13	18	5
20	256QAM	50	24	17.12	17.08	17.12		
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94	23	0
15	QPSK	1	37	21.87	21.96	21.79		
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90	22	1
15	QPSK	36	20	20.91	21.07	20.76		
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03	22	1
15	16QAM	1	37	20.93	21.00	20.84		
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86	21	2
15	16QAM	36	20	19.81	20.03	19.73		
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.03	21	2
15	64QAM	1	37	19.97	19.98	19.87		
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00	20	3
15	64QAM	36	20	18.93	19.06	18.80		
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88	18	5
15	256QAM	1	37	16.91	16.94	16.72		
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01	18	5
15	256QAM	36	20	17.06	17.01	17.07		
15	256QAM	36	39	17.07	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00	23	0
10	QPSK	1	25	21.96	22.02	21.78		
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98	22	1
10	QPSK	25	12	20.90	21.06	20.83		
10	QPSK	25	25	20.86	20.96	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04	22	1
10	16QAM	1	25	20.92	21.04	20.83		
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90	21	2
10	16QAM	25	12	19.85	20.07	19.77		
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.08	20.08		
10	64QAM	1	0	20.04	20.05	20.04	21	2
10	64QAM	1	25	19.90	19.97	19.82		
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95	20	3
10	64QAM	25	12	18.86	19.12	18.74		
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93	18	5
10	256QAM	1	25	16.96	16.97	16.75		
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00	18	5
10	256QAM	25	12	17.05	16.99	17.04		
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00	23	0
5	QPSK	1	12	21.92	21.94	21.85		
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91	22	1
5	QPSK	12	7	20.87	21.02	20.78		
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97	22	1
5	16QAM	1	12	20.88	21.05	20.90		
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92	21	2
5	16QAM	12	7	19.85	20.04	19.75		
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99	21	2
5	64QAM	1	12	19.98	20.04	19.84		
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.16	18.97	20	3
5	64QAM	12	7	18.95	19.04	18.80		
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88	18	5
5	256QAM	1	12	16.94	17.01	16.72		
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03	18	5
5	256QAM	12	7	17.00	16.97	17.01		
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95	23	0
3	QPSK	1	8	21.91	22.00	21.76		
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88	22	1
3	QPSK	8	4	20.88	21.07	20.79		
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04	22	1
3	16QAM	1	8	20.89	21.04	20.81		
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96	21	2
3	16QAM	8	4	19.82	20.04	19.73		
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02	21	2
3	64QAM	1	8	19.90	19.96	19.86		
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00	20	3
3	64QAM	8	4	18.92	19.07	18.72		
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92	18	5
3	256QAM	1	8	16.91	16.93	16.71		
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07	18	5
3	256QAM	8	4	17.02	17.03	17.08		
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95	23	0
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90		
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03	22	1
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99		
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02	21	2
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92		
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97	18	5
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91		
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70	24	0
10	QPSK	1	25	22.72	22.71	22.62		
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68	23	1
10	QPSK	25	12	21.75	21.74	21.58		
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.76	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72	23	1
10	16QAM	1	25	21.72	21.73	21.59		
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71	22	2
10	16QAM	25	12	20.78	20.75	20.58		
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77	22	2
10	64QAM	1	25	20.72	20.68	20.53		
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64	21	3
10	64QAM	25	12	19.74	19.77	19.58		
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72	19	5
10	256QAM	1	25	17.78	17.75	17.54		
10	256QAM	1	49	17.71	17.74	17.51		
10	256QAM	25	0	17.84	17.83	17.61	19	5
10	256QAM	25	12	17.71	17.77	17.69		
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59	24	0
5	QPSK	1	12	22.69	22.62	22.58		
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63	23	1
5	QPSK	12	7	21.67	21.61	21.53		
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62	23	1
5	16QAM	1	12	21.63	21.64	21.47		
5	16QAM	1	24	21.57	21.56	21.38		
5	16QAM	12	0	20.66	20.73	20.63	22	2
5	16QAM	12	7	20.75	20.71	20.50		
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69	22	2
5	64QAM	1	12	20.62	20.65	20.46		
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50	21	3
5	64QAM	12	7	19.70	19.69	19.45		
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.66	19.56		
5	256QAM	1	0	17.57	17.74	17.60	19	5
5	256QAM	1	12	17.68	17.82	17.49		
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55	19	5
5	256QAM	12	7	17.66	17.70	17.64		
5	256QAM	12	13	17.70	17.63	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59	24	0
3	QPSK	1	8	22.60	22.58	22.49		
3	QPSK	1	14	22.51	22.63	22.50		
3	QPSK	8	0	21.65	21.77	21.59	23	1
3	QPSK	8	4	21.63	21.62	21.47		
3	QPSK	8	7	21.59	21.62	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.73	21.62	23	1
3	16QAM	1	8	21.67	21.63	21.45		
3	16QAM	1	14	21.48	21.53	21.39		
3	16QAM	8	0	20.64	20.79	20.59	22	2
3	16QAM	8	4	20.69	20.62	20.55		
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.70	20.59		
3	64QAM	1	0	20.56	20.60	20.65	22	2
3	64QAM	1	8	20.63	20.58	20.51		
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.57	19.63	19.53	21	3
3	64QAM	8	4	19.71	19.74	19.48		
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.59	17.75	17.62	19	5
3	256QAM	1	8	17.74	17.68	17.40		
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56	19	5
3	256QAM	8	4	17.63	17.63	17.63		
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.51	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65	24	0
1.4	QPSK	1	3	22.62	22.68	22.51		
1.4	QPSK	1	5	22.50	22.54	22.50		
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.45	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67	23	1
1.4	16QAM	1	3	21.59	21.74	21.51		
1.4	16QAM	1	5	21.49	21.55	21.39		
1.4	16QAM	3	0	21.55	21.68	21.53		
1.4	16QAM	3	1	21.56	21.60	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.62	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67	22	2
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.50	20.48		
1.4	64QAM	3	0	20.65	20.59	20.56		
1.4	64QAM	3	1	20.59	20.59	20.64		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64	19	5
1.4	256QAM	1	3	17.74	17.65	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45		
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.19	19.26	19.24	19.9	0
20	QPSK	1	49	19.11	19.21	19.12		
20	QPSK	1	99	19.19	19.25	19.14		
20	QPSK	50	0	19.23	19.25	19.12	19.9	0
20	QPSK	50	24	19.19	19.24	19.19		
20	QPSK	50	50	19.16	19.18	19.19		
20	QPSK	100	0	19.21	19.23	19.22		
20	16QAM	1	0	19.22	19.16	19.23	19.9	0
20	16QAM	1	49	19.13	19.18	19.14		
20	16QAM	1	99	19.19	19.19	19.14		
20	16QAM	50	0	19.14	19.24	19.22	19.9	0
20	16QAM	50	24	19.12	19.18	19.17		
20	16QAM	50	50	19.18	19.25	19.22		
20	16QAM	100	0	19.22	19.14	19.11		
20	64QAM	1	0	19.16	19.18	19.14	19.9	0
20	64QAM	1	49	19.17	19.13	19.18		
20	64QAM	1	99	19.18	19.21	19.15		
20	64QAM	50	0	19.14	19.13	19.16	19.9	0
20	64QAM	50	24	19.11	19.14	19.12		
20	64QAM	50	50	19.15	19.14	19.14		
20	64QAM	100	0	19.13	19.15	19.13		
20	256QAM	1	0	17.14	17.27	17.23	18	1.9
20	256QAM	1	49	17.10	17.15	17.01		
20	256QAM	1	99	17.16	17.18	17.04		
20	256QAM	50	0	17.28	17.21	17.20	18	1.9
20	256QAM	50	24	17.11	17.16	17.13		
20	256QAM	50	50	17.10	17.10	17.07		
20	256QAM	100	0	17.09	17.27	17.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.07	19.09	19.10	19.9	0
15	QPSK	1	37	19.17	19.11	19.17		
15	QPSK	1	74	19.08	19.14	19.07		
15	QPSK	36	0	19.18	19.18	19.15	19.9	0
15	QPSK	36	20	19.15	19.14	19.07		
15	QPSK	36	39	19.13	19.19	19.18		
15	QPSK	75	0	19.15	19.09	19.10		
15	16QAM	1	0	19.09	19.20	19.14	19.9	0
15	16QAM	1	37	19.10	19.17	19.14		
15	16QAM	1	74	19.18	19.09	19.08		
15	16QAM	36	0	19.08	19.18	19.18	19.9	0
15	16QAM	36	20	19.09	19.14	19.16		
15	16QAM	36	39	19.11	19.12	19.18		
15	16QAM	75	0	19.12	19.15	19.15		
15	64QAM	1	0	19.12	19.21	19.18	19.9	0
15	64QAM	1	37	19.17	19.15	19.14		
15	64QAM	1	74	19.16	19.16	19.17		
15	64QAM	36	0	19.11	19.11	19.11	19.9	0
15	64QAM	36	20	19.07	19.08	19.15		
15	64QAM	36	39	19.18	19.10	19.18		
15	64QAM	75	0	19.15	19.13	19.08		
15	256QAM	1	0	17.12	17.15	17.11	18	1.9
15	256QAM	1	37	17.03	17.02	16.93		
15	256QAM	1	74	17.06	17.14	16.97		
15	256QAM	36	0	17.26	17.17	17.07	18	1.9
15	256QAM	36	20	17.02	17.11	17.01		
15	256QAM	36	39	17.04	16.98	16.98		
15	256QAM	75	0	16.97	17.16	17.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.09	19.16	19.13	19.9	0
10	QPSK	1	25	19.16	19.19	19.17		
10	QPSK	1	49	19.11	19.13	19.11		
10	QPSK	25	0	19.19	19.14	19.07	19.9	0
10	QPSK	25	12	19.13	19.12	19.07		
10	QPSK	25	25	19.10	19.10	19.19		
10	QPSK	50	0	19.15	19.11	19.17		
10	16QAM	1	0	19.15	19.11	19.14	19.9	0
10	16QAM	1	25	19.13	19.17	19.13		
10	16QAM	1	49	19.10	19.10	19.11		
10	16QAM	25	0	19.15	19.16	19.16	19.9	0
10	16QAM	25	12	19.08	19.15	19

Band 13 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.86		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.15		23.1	0
10	QPSK	1	25		22.11			
10	QPSK	1	49		22.10			
10	QPSK	25	0		22.10		23	0.1
10	QPSK	25	12		22.04			
10	QPSK	25	25		22.08			
10	QPSK	50	0		22.13			
10	16QAM	1	0		22.03		23	0.1
10	16QAM	1	25		22.10			
10	16QAM	1	49		22.08			
10	16QAM	25	0		20.66		22	1.1
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	1.1
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	2.1
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	4.1
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	4.1
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.04	22.10	22.11	23.1	0
5	QPSK	1	12	22.02	22.14	22.02		
5	QPSK	1	24	22.03	22.09	22.06		
5	QPSK	12	0	22.06	22.08	22.05	23	0.1
5	QPSK	12	7	22.12	22.10	22.06		
5	QPSK	12	13	22.06	22.14	22.08		
5	QPSK	25	0	22.09	22.08	22.08		
5	16QAM	1	0	22.09	22.04	22.07	23	0.1
5	16QAM	1	12	22.02	22.10	22.04		
5	16QAM	1	24	22.01	22.09	22.02		
5	16QAM	12	0	20.55	20.58	20.60	22	1.1
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	1.1
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	2.1
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	4.1
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.49	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	4.1
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.14	21.21	21.19	22.4	0
20	QPSK	1	49	21.12	21.09	21.16		
20	QPSK	1	99	21.09	21.12	21.08		
20	QPSK	50	0	21.14	21.20	21.08	22.4	0
20	QPSK	50	24	21.10	21.15	21.14		
20	QPSK	50	50	21.19	21.08	21.14		
20	QPSK	100	0	21.18	21.19	21.17		
20	16QAM	1	0	21.14	21.18	21.18	22.4	0
20	16QAM	1	49	21.10	21.11	21.08		
20	16QAM	1	99	21.09	21.12	21.11		
20	16QAM	50	0	20.27	20.33	20.21	22	0.4
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	0.4
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	1.4
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	3.4
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	3.4
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.10	21.13	21.14	22.4	0
15	QPSK	1	37	21.13	21.16	21.12		
15	QPSK	1	74	21.05	21.15	21.17		
15	QPSK	36	0	21.06	21.12	21.13	22.4	0
15	QPSK	36	20	21.08	21.07	21.09		
15	QPSK	36	39	21.13	21.13	21.13		
15	QPSK	75	0	21.08	21.10	21.12		
15	16QAM	1	0	21.11	21.12	21.16	22.4	0
15	16QAM	1	37	21.12	21.14	21.14		
15	16QAM	1	74	21.06	21.09	21.05		
15	16QAM	36	0	20.22	20.27	20.18	22	0.4
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	0.4
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	1.4
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	3.4
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	3.4
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.09	21.08	21.08	22.4	0
10	QPSK	1	25	21.10	21.18	21.09		
10	QPSK	1	49	21.13	21.10	21.07		
10	QPSK	25	0	21.08	21.15	21.16	22.4	0
10	QPSK	25	12	21.05	21.16	21.08		
10	QPSK	25	25	21.09	21.17	21.10		
10	QPSK	50	0	21.15	21.09	21.15		
10	16QAM	1	0	21.06	21.14	21.13	22.4	0
10	16QAM	1	25	21.06	21.09	21.12		
10	16QAM	1	49	21.05	21.07	21.08		
10	16QAM	25	0	20.15	20.19	20.18	22	0.4
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	0.4
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	1.4
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	3.4
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	3.4
10	256QAM	25	12	17.12	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.08	21.11	21.11	22.4	0
5	QPSK	1	12	21.12	21.13	21.17		
5	QPSK	1	24	21.08	21.18	21.16		
5	QPSK	12	0	21.14	21.07	21.08	22.4	0
5	QPSK	12	7	21.06	21.17	21.06		
5	QPSK	12	13	21.10	21.09	21.11		
5	QPSK	25	0	21.17	21.11	21.13		
5	16QAM	1	0	21.12	21.17	21.06	22.4	0
5	16QAM	1	12	21.07	21.07	21.14		
5	16QAM	1	24	21.07	21.12	21.06		
5	16QAM	12	0	20.14	20.27	20.12	22	0.4
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	0.4
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	1.4
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	3.4
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	3.4
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.06	21.13	21.07	22.4	0
3	QPSK	1	8	21.09	21.12	21.16		
3	QPSK	1	14	21.08	21.18	21.16		
3	QPSK	8	0	21.08	21.08	21.15	22.4	0
3	QPSK	8	4	21.17	21.09	21.12		
3	QPSK	8	7	21.14	21.17	21.13		
3	QPSK	15	0	21.11	21.17	21.05		
3	16QAM	1	0	21.17	21.07	21.07	22.4	0
3	16QAM	1	8	21.15	21.09	21.06		
3	16QAM	1	14	21.11	21.16	21.17		
3	16QAM	8	0	20.22	20.26	20.09	22	0.4
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	0.4
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	1.4
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	3.4
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	3.4
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.12	21.06	21.12	22.4	0
1.4	QPSK	1	3	21.16	21.16	21.12		
1.4	QPSK	1	5	21.05	21.09	21.11		
1.4	QPSK	3	0	21.06	21.11	21.15		
1.4	QPSK	3	1	21.14	21.06	21.12		
1.4	QPSK	3	3	21.08	21.14	21.16		
1.4	QPSK	6	0	21.07	21.12	21.17	21.4	1
1.4	16QAM	1	0	21.16	21.11	21.11	21.4	1
1.4	16QAM	1	3	21.11	21.14	21.15		
1.4	16QAM	1	5	21.05	21.13	21.06		
1.4	16QAM	3	0	21.06	21.06	21.06		
1.4	16QAM	3	1	21.07	21.15	21.13		
1.4	16QAM	3	3	21.09	21.10	21.16		
1.4	16QAM	6	0	20.17	20.27	20.16	20.4	2
1.4	64QAM	1	0	20.14	20.16	20.30	20.4	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	19.4	3
1.4	256QAM	1	0	17.21	17.21	17.11	17.4	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	17.4	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.52	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54	22	2
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.78	20.85	20.81	22.2	0
20	QPSK	1	49	20.78	20.74	20.71		
20	QPSK	1	99	20.73	20.38	20.27		
20	QPSK	50	0	20.70	20.83	20.77		
20	QPSK	50	24	20.70	20.76	20.78	22	0.2
20	QPSK	50	50	20.72	20.71	20.74		
20	QPSK	100	0	20.74	20.79	20.77		
20	16QAM	1	0	20.72	20.83	20.72		
20	16QAM	1	49	20.71	20.83	20.74	22	0.2
20	16QAM	1	99	20.73	20.81	20.72		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	1.2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	1.2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	2.2
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	4.2
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	4.2
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.73	20.83	20.77	22.2	0
15	QPSK	1	37	20.80	20.82	20.76		
15	QPSK	1	74	20.78	20.74	20.80		
15	QPSK	36	0	20.72	20.74	20.78		
15	QPSK	36	20	20.74	20.76	20.77	22	0.2
15	QPSK	36	39	20.76	20.81	20.80		
15	QPSK	75	0	20.74	20.75	20.77		
15	16QAM	1	0	20.71	20.81	20.70		
15	16QAM	1	37	20.74	20.72	20.73	22	0.2
15	16QAM	1	74	20.75	20.80	20.70		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	1.2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	1.2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.29	19.13	20	2.2
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	4.2
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	4.2
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.72	20.72	20.72	22.2	0
10	QPSK	1	25	20.71	20.76	20.79		
10	QPSK	1	49	20.79	20.80	20.72		
10	QPSK	25	0	20.70	20.82	20.75		
10	QPSK	25	12	20.77	20.78	20.81	22	0.2
10	QPSK	25	25	20.78	20.73	20.76		
10	QPSK	50	0	20.80	20.72	20.72		
10	16QAM	1	0	20.72	20.77	20.77		
10	16QAM	1	25	20.72	20.72	20.80	22	0.2
10	16QAM	1	49	20.75	20.82	20.78		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	1.2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	1.2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	2.2
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	4.2
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	4.2
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.74	20.73	20.70	22.2	0
5	QPSK	1	12	20.69	20.72	20.74		
5	QPSK	1	24	20.72	20.77	20.74		
5	QPSK	12	0	20.72	20.81	20.74		
5	QPSK	12	7	20.78	20.79	20.79	22	0.2
5	QPSK	12	13	20.75	20.81	20.75		
5	QPSK	25	0	20.69	20.80	20.72		
5	16QAM	1	0	20.70	20.83	20.72		
5	16QAM	1	12	20.78	20.76	20.74	22	0.2
5	16QAM	1	24	20.74	20.72	20.81		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	1.2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	1.2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	2.2
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	4.2
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.28	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	4.2
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.78	20.73	20.70	22.2	0
3	QPSK	1	8	20.79	20.79	20.78		
3	QPSK	1	14	20.78	20.81	20.79		
3	QPSK	8	0	20.74	20.73	20.80		
3	QPSK	8	4	20.72	20.78	20.74	22	0.2
3	QPSK	8	7	20.78	20.75	20.78		
3	QPSK	15	0	20.78	20.82	20.78		
3	16QAM	1	0	20.77	20.75	20.72		
3	16QAM	1	8	20.71	20.75	20.73	22	0.2
3	16QAM	1	14	20.71	20.71	20.77		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	1.2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	1.2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	2.2
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	4.2
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	4.2
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.78	20.72	20.79	22.2	0
1.4	QPSK	1	3	20.73	20.72	20.73		
1.4	QPSK	1	5	20.79	20.76	20.81		
1.4	QPSK	3	0	20.73	20.83	20.73		
1.4	QPSK	3	1	20.71	20.72	20.77		
1.4	QPSK	3	3	20.76	20.74	20.73		
1.4	QPSK	6	0	20.74	20.83	20.80	22	0.2
1.4	16QAM	1	0	20.81	20.72	20.71	22	0.2
1.4	16QAM	1	3	20.73	20.72	20.75		
1.4	16QAM	1	5	20.81	20.78	20.70		
1.4	16QAM	3	0	20.74	20.75	20.80		
1.4	16QAM	3	1	20.72	20.75	20.75		
1.4	16QAM	3	3	20.80	20.73	20.75		
1.4	16QAM	6	0	20.25	20.28	20.23	21	1.2
1.4	64QAM	1	0	20.17	20.23	20.14	21	1.2
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16		
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	2.2
1.4	256QAM	1	0	17.25	17.28	17.13	18	4.2
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14		
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	4.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18	24	0
10	QPSK	1	25	22.17	22.19	22.13		
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22	24	0
5	QPSK	1	12	22.20	22.24	22.10		
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.26	21.20	21.17		
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21	24	0
3	QPSK	1	8	22.17	22.19	22.12		
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.18	17.29	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11	24	0
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04		
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.05	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17	23	1
1.4	16QAM	1	3	21.11	21.03	21.14		
1.4	16QAM	1	5	21.06	21.12	21.05		
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13	22	2
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.13	20.16	20.11		
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09	19	5
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00		
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85	24	0
10	QPSK	1	25	22.86	22.89	22.78		
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83	24	0
5	QPSK	1	12	22.76	22.78	22.71		
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76	24	0
3	QPSK	1	8	22.74	22.76	22.72		
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.79	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.54	19.61	19.56	20.3	0
20	QPSK	1	49	19.54	19.59	19.46		
20	QPSK	1	99	19.51	19.56	19.46		
20	QPSK	50	0	19.52	19.59	19.51	20.3	0
20	QPSK	50	24	19.55	19.48	19.51		
20	QPSK	50	50	19.53	19.54	19.52		
20	QPSK	100	0	19.54	19.56	19.46		
20	16QAM	1	0	19.49	19.49	19.52	20.3	0
20	16QAM	1	49	19.50	19.51	19.58		
20	16QAM	1	99	19.54	19.54	19.54		
20	16QAM	50	0	19.51	19.59	19.50	20.3	0
20	16QAM	50	24	19.55	19.55	19.54		
20	16QAM	50	50	19.51	19.58	19.52		
20	16QAM	100	0	19.53	19.55	19.48		
20	64QAM	1	0	19.55	19.57	19.54	20.3	0
20	64QAM	1	49	19.56	19.58	19.46		
20	64QAM	1	99	19.47	19.50	19.57		
20	64QAM	50	0	19.03	19.08	19.07	20	0.3
20	64QAM	50	24	18.88	18.97	18.91		
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03	18	2.3
20	256QAM	1	49	16.94	17.00	16.89		
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00	18	2.3
20	256QAM	50	24	16.92	17.05	17.07		
20	256QAM	50	50	16.91	16.87	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.46	19.57	19.55	20.3	0
15	QPSK	1	37	19.54	19.52	19.47		
15	QPSK	1	74	19.55	19.49	19.56		
15	QPSK	36	0	19.52	19.51	19.48	20.3	0
15	QPSK	36	20	19.49	19.60	19.50		
15	QPSK	36	39	19.57	19.59	19.53		
15	QPSK	75	0	19.53	19.51	19.52		
15	16QAM	1	0	19.58	19.54	19.55	20.3	0
15	16QAM	1	37	19.51	19.49	19.47		
15	16QAM	1	74	19.55	19.51	19.56		
15	16QAM	36	0	19.50	19.54	19.51	20.3	0
15	16QAM	36	20	19.48	19.55	19.58		
15	16QAM	36	39	19.50	19.50	19.57		
15	16QAM	75	0	19.57	19.48	19.53		
15	64QAM	1	0	19.57	19.54	19.50	20.3	0
15	64QAM	1	37	19.56	19.52	19.49		
15	64QAM	1	74	19.54	19.57	19.54		
15	64QAM	36	0	18.96	19.04	18.95	20	0.3
15	64QAM	36	20	18.77	18.84	18.83		
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01	18	2.3
15	256QAM	1	37	16.87	16.91	16.75		
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97	18	2.3
15	256QAM	36	20	16.88	16.94	17.05		
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.55	19.52	19.50	20.3	0
10	QPSK	1	25	19.52	19.50	19.52		
10	QPSK	1	49	19.51	19.56	19.56		
10	QPSK	25	0	19.48	19.52	19.55	20.3	0
10	QPSK	25	12	19.48	19.59	19.54		
10	QPSK	25	25	19.53	19.51	19.47		
10	QPSK	50	0	19.49	19.53	19.57		
10	16QAM	1	0	19.49	19.51	19.54	20.3	0
10	16QAM	1	25	19.56	19.52	19.54		
10	16QAM	1	49	19.46	19.52	19.47		
10	16QAM	25	0	19.49	19.48	19.56	20.3	0
10	16QAM	25	12	19.56	19.59	19.54		
10	16QAM	25	25	19.57	19.54	19.47		
10	16QAM	50	0	19.47	19.52	19.57		
10	64QAM	1	0	19.48	19.48	19.46	20.3	0
10	64QAM	1	25	19.50	19.53	19.57		
10	64QAM	1	49	19.49	19.53	19.53		
10	64QAM	25	0	18.90	19.01	18.95	20	0.3
10	64QAM	25	12	18.83	18.92	18.79		
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95	18	2.3
10	256QAM	1	25	16.84	16.89	16.78		
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89	18	2.3
10	256QAM	25	12	16.80	16.92	17.02		
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.46	19.52	19.55	20.3	0
5	QPSK	1	12	19.51	19.59	19.55		
5	QPSK	1	24	19.49	19.52	19.53		
5	QPSK	12	0	19.57	19.59	19.52	20.3	0
5	QPSK	12	7	19.50	19.59	19.57		
5	QPSK	12	13	19.49	19.58	19.47		
5	QPSK	25	0	19.49	19.59	19.56		
5	16QAM	1	0	19.47	19.53	19.55	20.3	0
5	16QAM	1	12	19.52	19.59	19.54		
5	16QAM	1	24	19.54	19.56	19.56		
5	16QAM	12	0	19.53	19.58	19.46	20.3	0
5	16QAM	12	7	19.50	19.56	19.58		
5	16QAM	12	13	19.50	19.58	19.51		
5	16QAM	25	0	19.57	19.50	19.55		
5	64QAM	1	0	19.51	19.59	19.50	20.3	0
5	64QAM	1	12	19.48	19.49	19.58		
5	64QAM	1	24	19.47	19.51	19.49		
5	64QAM	12	0	18.96	18.95	18.96	20	0.3
5	64QAM	12	7	18.78	18.92	18.84		
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95	18	2.3
5	256QAM	1	12	16.80	16.96	16.77		
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89	18	2.3
5	256QAM	12	7	16.84	16.95	17.03		
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.54	19.59	19.47	20.3	0
3	QPSK	1	8	19.55	19.50	19.49		
3	QPSK	1	14	19.51	19.55	19.54		
3	QPSK	8	0	19.46	19.49	19.50	20.3	0
3	QPSK	8	4	19.54	19.57	19.48		
3	QPSK	8	7	19.57	19.56	19.46		
3	QPSK	15	0	19.49	19.53	19.49		
3	16QAM	1	0	19.54	19.59	19.46	20.3	0
3	16QAM	1	8	19.47	19.59	19.52		
3	16QAM	1	14	19.52	19.55	19.50		
3	16QAM	8	0	19.57	19.48	19.48	20.3	0
3	16QAM	8	4	19.51	19.59	19.53		
3	16QAM	8	7	19.53	19.55	19.56		
3	16QAM	15	0	19.57	19.51	19.48		
3	64QAM	1	0	19.56	19.48	19.46	20.3	0
3	64QAM	1	8	19.46	19.55	19.57		
3	64QAM	1	14	19.51	19.54	19.52		
3	64QAM	8	0	19.00	18.96	18.94	20	0.3
3	64QAM	8	4	18.74	18.87	18.80		
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93	18	2.3
3	256QAM	1	8	16.86	16.93	16.76		
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95	18	2.3
3	256QAM	8	4	16.88	17.02	16.93		
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.55	19.59	19.49	20.3	0
1.4	QPSK	1	3	19.49	19.54	19.52		
1.4	QPSK	1	5	19.54	19.54	19.57		
1.4	QPSK	3	0	19.53	19.53	19.48		
1.4	QPSK	3	1	19.46	19.51	19.49		
1.4	QPSK	3	3	19.51	19.57	19.54		
1.4	QPSK	6	0	19.56	19.59	19.54	20.3	0
1.4	16QAM	1	0	19.51	19.50	19.46	20.3	0
1.4	16QAM	1	3	19.50	19.48	19.56		
1.4	16QAM	1	5	19.57	19.56	19.51		
1.4	16QAM	3	0	19.55	19.53	19.51		
1.4	16QAM	3	1	19.48	19.59	19.55		
1.4	16QAM	3	3	19.55	19.53	19.51		
1.4	16QAM	6	0	19.53	19.49	19.58	20.3	0
1.4	64QAM	1	0	19.54	19.49	19.48	20.3	0
1.4	64QAM	1	3	19.51	19.56	19.49		
1.4	64QAM	1	5	19.56	19.51	19.47		
1.4	64QAM	3	0	19.51	19.59	19.50		
1.4	64QAM	3	1	19.52	19.55	19.57		
1.4	64QAM	3	3	19.55	19.55	19.52		
1.4	64QAM	6	0	18.81	18.98	18.97	20	0.3
1.4	256QAM	1	0	17.01	17.01	16.93	18	2.3
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90		
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	2.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.46	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.58	18.75	18.58		
20	QPSK	1	49	18.61	18.59	18.61	19.5	0
20	QPSK	1	99	18.62	18.69	18.64		
20	QPSK	50	0	18.64	18.72	18.61		
20	QPSK	50	24	18.61	18.64	18.64	19.5	0
20	QPSK	50	50	18.58	18.67	18.62		
20	QPSK	100	0	18.68	18.69	18.62		
20	16QAM	1	0	18.65	18.63	18.59		
20	16QAM	1	49	18.59	18.60	18.69	19.5	0
20	16QAM	1	99	18.64	18.69	18.65		
20	16QAM	50	0	18.61	18.70	18.67		
20	16QAM	50	24	18.60	18.59	18.66	19.5	0
20	16QAM	50	50	18.59	18.65	18.61		
20	16QAM	100	0	18.58	18.64	18.66		
20	64QAM	1	0	18.66	18.61	18.62		
20	64QAM	1	49	18.60	18.65	18.66	19.5	0
20	64QAM	1	99	18.66	18.65	18.68		
20	64QAM	50	0	18.69	18.64	18.57		
20	64QAM	50	24	18.66	18.63	18.59	19.5	0
20	64QAM	50	50	18.67	18.68	18.59		
20	64QAM	100	0	18.64	18.65	18.57		
20	256QAM	1	0	17.66	17.82	17.62		
20	256QAM	1	49	17.50	17.62	17.59	19	0.5
20	256QAM	1	99	17.55	17.63	17.55		
20	256QAM	50	0	17.75	17.69	17.74		
20	256QAM	50	24	17.63	17.71	17.62	19	0.5
20	256QAM	50	50	17.60	17.71	17.64		
20	256QAM	100	0	17.53	17.65	17.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.69	18.59	18.60		
15	QPSK	1	37	18.66	18.66	18.58	19.5	0
15	QPSK	1	74	18.68	18.61	18.67		
15	QPSK	36	0	18.63	18.70	18.67		
15	QPSK	36	20	18.67	18.70	18.62	19.5	0
15	QPSK	36	39	18.58	18.59	18.60		
15	QPSK	75	0	18.63	18.59	18.62		
15	16QAM	1	0	18.66	18.69	18.66		
15	16QAM	1	37	18.66	18.70	18.67	19.5	0
15	16QAM	1	74	18.66	18.67	18.60		
15	16QAM	36	0	18.57	18.63	18.62		
15	16QAM	36	20	18.59	18.64	18.63	19.5	0
15	16QAM	36	39	18.61	18.65	18.63		
15	16QAM	75	0	18.62	18.68	18.61		
15	64QAM	1	0	18.59	18.62	18.63		
15	64QAM	1	37	18.62	18.70	18.64	19.5	0
15	64QAM	1	74	18.65	18.62	18.67		
15	64QAM	36	0	18.68	18.66	18.65		
15	64QAM	36	20	18.67	18.67	18.66	19.5	0
15	64QAM	36	39	18.69	18.62	18.60		
15	64QAM	75	0	18.66	18.70	18.69		
15	256QAM	1	0	17.64	17.75	17.50		
15	256QAM	1	37	17.37	17.60	17.46	19	0.5
15	256QAM	1	74	17.42	17.57	17.44		
15	256QAM	36	0	17.71	17.58	17.64		
15	256QAM	36	20	17.53	17.69	17.53	19	0.5
15	256QAM	36	39	17.49	17.72	17.62		
15	256QAM	75	0	17.42	17.63	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852	1880	1905		
10	QPSK	1	0	18.67	18.65	18.68		
10	QPSK	1	25	18.57	18.71	18.60	19.5	0
10	QPSK	1	49	18.64	18.71	18.62		
10	QPSK	25	0	18.59	18.69	18.64		
10	QPSK	25	12	18.61	18.69	18.67	19.5	0
10	QPSK	25	25	18.58	18.66	18.69		
10	QPSK	50	0	18.67	18.65	18.65		
10	16QAM	1	0	18.66	18.60	18.58		
10	16QAM	1	25	18.69	18.67	18.68	19.5	0
10	16QAM	1	49	18.66	18.70	18.68		
10	16QAM	25	0	18.66	18.61	18.68		
10	16QAM	25	12	18.61	18.68	18.61	19.5	0
10	16QAM	25	25	18.58	18.70	18.68		
10	16QAM	50	0	18.68	18.66	18.64		
10	64QAM	1	0	18.65	18.71	18.62		
10	64QAM	1	25	18.66	18.67	18.58	19.5	0
10	64QAM	1	49	18.62	18.70	18.59		
10	64QAM	25	0	18.59	18.59	18.64		
10	64QAM	25	12	18.61	18.70	18.66	19.5	0
10	64QAM	25	25	18.64	18.70	18.64		
10	64QAM	50	0	18.67	18.64	18.69		
10	256QAM	1	0	17.59	17.71	17.55		
10	256QAM	1	25	17.40	17.59	17.48	19	0.5
10	256QAM	1	49	17.43	17.51	17.47		
10	256QAM	25	0	17.73	17.61	17.64		
10	256QAM	25	12	17.56	17.66	17.49	19	0.5
10	256QAM	25	25	17.48	17.59	17.60		
10	256QAM	50	0	17.49	17.56	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.63	18.60	18.65		
5	QPSK	1	12	18.65	18.60	18.60	19.5	0
5	QPSK	1	24	18.63	18.70	18.69		
5	QPSK	12	0	18.66	18.59	18.59		
5	QPSK	12	7	18.58	18.65	18.68	19.5	0
5	QPSK	12	13	18.68	18.60	18.65		
5	QPSK	25	0	18.65	18.67	18.59		
5	16QAM	1	0	18.58	18.67	18.60		
5	16QAM	1	12	18.63	18.64	18.68	19.5	0
5	16QAM	1	24	18.62	18.66	18.64		
5	16QAM	12	0	18.66	18.67	18.60		
5	16QAM	12	7	18.58	18.63	18.61	19.5	0
5	16QAM	12	13	18.58	18.65	18.67		
5	16QAM	25	0	18.60	18.66	18.58		
5	64QAM	1	0	18.57	18.70	18.63		
5	64QAM	1	12	18.62	18.61	18.64	19.5	0
5	64QAM	1	24	18.62	18.68	18.61		
5	64QAM	12	0	18.62	18.65	18.65		
5	64QAM	12	7	18.63	18.66	18.68	19.5	0
5	64QAM	12	13	18.67	18.70	18.63		
5	64QAM	25	0	18.63	18.65	18.64		
5	256QAM	1	0	17.62	17.70	17.51		
5	256QAM	1	12	17.36	17.50	17.56	19	0.5
5	256QAM	1	24	17.52	17.54	17.43		
5	256QAM	12	0	17.61	17.57	17.71		
5	256QAM	12	7	17.58	17.64	17.56	19	0.5
5	256QAM	12	13	17.51	17.61	17.54		
5	256QAM	25	0	17.48	17.61	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.61	18.59	18.61		
3	QPSK	1	8	18.64	18.71	18.58	19.5	0
3	QPSK	1	14	18.66	18.67	18.61		
3	QPSK	8	0	18.66	18.60	18.58		
3	QPSK	8	4	18.68	18.64	18.62	19.5	0
3	QPSK	8	7	18.62	18.68	18.58		
3	QPSK	15	0	18.65	18.65	18.65		
3	16QAM	1	0	18.66	18.66	18.68		
3	16QAM	1	8	18.65	18.66	18.64	19.5	0
3	16QAM	1	14	18.64	18.68	18.59		
3	16QAM	8	0	18.62	18.68	18.64		
3	16QAM	8	4	18.57	18.65	18.60	19.5	0
3	16QAM	8	7	18.65	18.64	18.60		
3	16QAM	15	0	18.66	18.68	18.67		
3	64QAM	1	0	18.64	18.67	18.60		
3	64QAM	1	8	18.62	18.65	18.60	19.5	0
3	64QAM	1	14	18.60	18.60	18.64		
3	64QAM	8	0	18.69	18.59	18.63		
3	64QAM	8	4	18.58	18.66	18.64	19.5	0
3	64QAM	8	7	18.63	18.69	18.64		
3	64QAM	15	0	18.63	18.60	18.57		
3	256QAM	1	0	17.62	17.78	17.56		
3	256QAM	1	8	17.46	17.55	17.55	19	0.5
3	256QAM	1	14	17.46	17.53	17.52		
3	256QAM	8	0	17.63	17.56	17.65		
3	256QAM	8	4	17.61	17.67	17.58	19	0.5
3	256QAM	8	7	17.49	17.67	17.54		
3	256QAM	15	0	17.39	17.59	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.65	18.62	18.59		
1.4	QPSK	1	3	18.67	18.59	18.59		
1.4	QPSK	1	5	18.62	18.60	18.60	19.5	0
1.4	QPSK	3	0	18.65	18.64	18.57		
1.4	QPSK	3	1	18.66	18.67	18.69		
1.4	QPSK	3	3	18.65	18.62	18.61		
1.4	QPSK	6	0	18.63	18.69	18.58	19.5	0
1.4	16QAM	1	0	18.67	18.70	18.63		
1.4	16QAM	1	3	18.63	18.68	18.58		
1.4	16QAM	1	5	18.65	18.64	18.63	19.5	0
1.4	16QAM	3	0	18.69	18.70	18.58		
1.4	16QAM	3	1	18.64	18.68	18.64		
1.4	16QAM	3	3	18.69	18.71	18.62		
1.4	16QAM	6	0	18.63	18.64	18.60	19.5	0
1.4	64QAM	1	0	18.66	18.60	18.63		
1.4	64QAM	1	3	18.58	18.69	18.59		
1.4	64QAM	1	5	18.58	18.60	18.61	19.5	0
1.4	64QAM	3	0	18.68	18.62	18.67		
1.4	64QAM	3	1	18.63	18.69	18.69		
1.4	64QAM	3	3	18.62	18.65	18.69		
1.4	64QAM	6	0	18.61	18.63	18.62	19.5	0
1.4	256QAM	1	0	17.63	17.80	17.49		
1.4	256QAM	1	3	17.47	17.57	17.51		
1.4	256QAM	1	5	17.47	17.61	17.43	19	0.5
1.4	256QAM	3	0	17.67	17.66	17.68		
1.4	256QAM	3	1	17.54	17.67	17.60		
1.4	256QAM	3	3	17.53	17.62	17.60		
1.4	256QAM	6	0	17.44	17.54	17.53	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.37	17.41	17.38		
20	QPSK	1	49	17.35	17.39	17.35	18.4	0
20	QPSK	1	99	17.34	17.40	17.36		
20	QPSK	50	0	17.28	17.37	17.32		
20	QPSK	50	24	17.34	17.31	17.29	18.4	0
20	QPSK	50	50	17.35	17.36	17.31		
20	QPSK	100	0	17.29	17.36	17.29		
20	16QAM	1	0	17.29	17.28	17.34		
20	16QAM	1	49	17.31	17.31	17.34	18.4	0
20	16QAM	1	99	17.28	17.34	17.29		
20	16QAM	50	0	17.34	17.31	17.36		
20	16QAM	50	24	17.27	17.37	17.33	18.4	0
20	16QAM	50	50	17.36	17.29	17.28		
20	16QAM	100	0	17.34	17.28	17.31		
20	64QAM	1	0	17.29	17.35	17.33		
20	64QAM	1	49	17.35	17.37	17.35	18.4	0
20	64QAM	1	99	17.28	17.29	17.37		
20	64QAM	50	0	17.35	17.39	17.37		
20	64QAM	50	24	17.28	17.31	17.37	18.4	0
20	64QAM	50	50	17.36	17.33	17.31		
20	64QAM	100	0	17.26	17.31	17.34		
20	256QAM	1	0	17.26	17.40	17.29		
20	256QAM	1	49	17.35	17.38	17.28	18.4	0
20	256QAM	1	99	17.32	17.32	17.28		
20	256QAM	50	0	17.27	17.32	17.34		
20	256QAM	50	24	17.32	17.36	17.26	18.4	0
20	256QAM	50	50	17.31	17.30	17.27		
20	256QAM	100	0	17.33	17.31	17.27		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.22	17.36	17.28		
15	QPSK	1	37	17.31	17.25	17.30	18.4	0
15	QPSK	1	74	17.26	17.26	17.23		
15	QPSK	36	0	17.30	17.32	17.27		
15	QPSK	36	20	17.30	17.27	17.27	18.4	0
15	QPSK	36	39	17.24	17.35	17.31		
15	QPSK	75	0	17.24	17.33	17.24		
15	16QAM	1	0	17.29	17.30	17.29		
15	16QAM	1	37	17.33	17.27	17.27	18.4	0
15	16QAM	1	74	17.25	17.29	17.26		
15	16QAM	36	0	17.23	17.35	17.22		
15	16QAM	36	20	17.34	17.34	17.27	18.4	0
15	16QAM	36	39	17.29	17.26	17.32		
15	16QAM	75	0	17.25	17.25	17.29		
15	64QAM	1	0	17.30	17.26	17.30		
15	64QAM	1	37	17.24	17.25	17.28	18.4	0
15	64QAM	1	74	17.31	17.32	17.25		
15	64QAM	36	0	17.31	17.32	17.27		
15	64QAM	36	20	17.25	17.35	17.34	18.4	0
15	64QAM	36	39	17.30	17.35	17.25		
15	64QAM	75	0	17.23	17.27	17.25		
15	256QAM	1	0	17.32	17.30	17.32		
15	256QAM	1	37	17.25	17.34	17.25	18.4	0
15	256QAM	1	74	17.27	17.31	17.29		
15	256QAM	36	0	17.28	17.31	17.26		
15	256QAM	36	20	17.26	17.33	17.28	18.4	0
15	256QAM	36	39	17.31	17.31	17.26		
15	256QAM	75	0	17.27	17.35	17.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.28	17.26	17.28		
10	QPSK	1	25	17.32	17.29	17.25	18.4	0
10	QPSK	1	49	17.25	17.29	17.33		
10	QPSK	25	0	17.32	17.34	17.33		
10	QPSK	25	12	17.32	17.30	17.27	18.4	0
10	QPSK	25	25	17.23	17.31	17.27		
10	QPSK	50	0	17.23	17.31	17.28		
10	16QAM	1	0	17.27	17.31	17.34		
10	16QAM	1	25	17.24	17.34	17.33	18.4	0
10	16QAM	1	49	17.27	17.28	17.31		
10	16QAM	25	0	17.32	17.35	17.30		
10	16QAM	25	12	17.24	17.32	17.31	18.4	0
10	16QAM	25	25	17.31	17.32	17.32		
10	16QAM	50	0	17.29	17.33	17.22		
10	64QAM	1	0	17.29	17.31	17.33		
10	64QAM	1	25	17.30	17.26	17.33	18.4	0
10	64QAM	1	49	17.29	17.29	17.28		
10	64QAM	25	0	17.29	17.29	17.34		
10	64QAM	25	12	17.25	17.25	17.33	18.4	0
10	64QAM	25	25	17.24	17.34	17.26		
10	64QAM	50	0	17.31	17.27	17.33		
10	256QAM	1	0	17.31	17.30	17.33		
10	256QAM	1	25	17.24	17.25	17.28	18.4	0
10	256QAM	1	49	17.23	17.31	17.23		
10	256QAM	25	0	17.22	17.29	17.24		
10	256QAM	25	12	17.24	17.25	17.29	18.4	0
10	256QAM	25	25	17.24	17.25	17.28		
10	256QAM	50	0	17.25	17.36	17.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.27	17.30	17.27		
5	QPSK	1	12	17.29	17.26	17.31	18.4	0
5	QPSK	1	24	17.33	17.29	17.25		
5	QPSK	12	0	17.24	17.28	17.26		
5	QPSK	12	7	17.31	17.28	17.27	18.4	0
5	QPSK	12	13	17.34	17.36	17.33		
5	QPSK	25	0	17.23	17.36	17.29		
5	16QAM	1	0	17.31	17.29	17.23		
5	16QAM	1	12	17.32	17.26	17.28	18.4	0
5	16QAM	1	24	17.24	17.35	17.28		
5	16QAM	12	0	17.29	17.25	17.28		
5	16QAM	12	7	17.22	17.24	17.24	18.4	0
5	16QAM	12	13	17.29	17.34	17.27		
5	16QAM	25	0	17.25	17.34	17.33		
5	64QAM	1	0	17.25	17.26	17.32		
5	64QAM	1	12	17.26	17.34	17.33	18.4	0
5	64QAM	1	24	17.34	17.31	17.26		
5	64QAM	12	0	17.28	17.26	17.33		
5	64QAM	12	7	17.25	17.25	17.26	18.4	0
5	64QAM	12	13	17.32	17.28	17.22		
5	64QAM	25	0	17.23	17.33	17.33		
5	256QAM	1	0	17.24	17.30	17.24		
5	256QAM	1	12	17.25	17.31	17.26	18.4	0
5	256QAM	1	24	17.33	17.33	17.29		
5	256QAM	12	0	17.32	17.35	17.24		
5	256QAM	12	7	17.30	17.31	17.32	18.4	0
5	256QAM	12	13	17.26	17.30	17.29		
5	256QAM	25	0	17.25	17.33	17.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.41			
10	QPSK	1	25		18.40		19.4	0
10	QPSK	1	49		18.31			
10	QPSK	25	0		18.37			
10	QPSK	25	12		18.32		19.4	0
10	QPSK	25	25		18.36			
10	QPSK	50	0		18.33			
10	16QAM	1	0		18.34			
10	16QAM	1	25		18.39		19.4	0
10	16QAM	1	49		18.37			
10	16QAM	25	0		18.33			
10	16QAM	25	12		18.33		19.4	0
10	16QAM	25	25		18.37			
10	16QAM	50	0		18.38			
10	64QAM	1	0		18.38			
10	64QAM	1	25		18.35		19.4	0
10	64QAM	1	49		18.32			
10	64QAM	25	0		18.33			
10	64QAM	25	12		18.37		19.4	0
10	64QAM	25	25		18.35			
10	64QAM	50	0		18.40			
10	256QAM	1	0		18.35			
10	256QAM	1	25		18.34		19	0.4
10	256QAM	1	49		18.33			
10	256QAM	25	0		17.86			
10	256QAM	25	12		17.89		19	0.4
10	256QAM	25	25		17.88			
10	256QAM	50	0		17.76			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.30	18.32	18.35		
5	QPSK	1	12	18.26	18.30	18.35	19.4	0
5	QPSK	1	24	18.35	18.28	18.26		
5	QPSK	12	0	18.33	18.30	18.28		
5	QPSK	12	7	18.27	18.35	18.28	19.4	0
5	QPSK	12	13	18.33	18.29	18.28		
5	QPSK	25	0	18.29	18.31	18.28		
5	16QAM	1	0	18.34	18.32	18.35		
5	16QAM	1	12	18.31	18.38	18.31	19.4	0
5	16QAM	1	24	18.32	18.27	18.33		
5	16QAM	12	0	18.29	18.27	18.31		
5	16QAM	12	7	18.32	18.27	18.30	19.4	0
5	16QAM	12	13	18.35	18.31	18.28		
5	16QAM	25	0	18.27	18.38	18.31		
5	64QAM	1	0	18.36	18.27	18.27		
5	64QAM	1	12	18.26	18.39	18.35	19.4	0
5	64QAM	1	24	18.29	18.38	18.26		
5	64QAM	12	0	18.35	18.35	18.30		
5	64QAM	12	7	18.33	18.29	18.28	19.4	0
5	64QAM	12	13	18.29	18.35	18.30		
5	64QAM	25	0	18.25	18.30	18.33		
5	256QAM	1	0	17.85	17.99	17.89		
5	256QAM	1	12	17.93	17.89	17.94	19	0.4
5	256QAM	1	24	17.93	17.92	17.92		
5	256QAM	12	0	17.93	17.93	17.96		
5	256QAM	12	7	17.90	17.98	17.88	19	0.4
5	256QAM	12	13	17.89	17.99	17.94		
5	256QAM	25	0	17.96	17.97	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.25	18.36	18.32		
20	QPSK	1	49	18.21	18.23	18.32	19.2	0
20	QPSK	1	99	18.25	18.32	18.22		
20	QPSK	50	0	18.22	18.33	18.26		
20	QPSK	50	24	18.21	18.30	18.26	19.2	0
20	QPSK	50	50	18.21	18.24	18.21		
20	QPSK	100	0	18.27	18.28	18.23		
20	16QAM	1	0	18.26	18.31	18.26		
20	16QAM	1	49	18.32	18.33	18.30	19.2	0
20	16QAM	1	99	18.29	18.31	18.20		
20	16QAM	50	0	18.25	18.25	18.22		
20	16QAM	50	24	18.26	18.33	18.23	19.2	0
20	16QAM	50	50	18.23	18.31	18.21		
20	16QAM	100	0	18.32	18.27	18.22		
20	64QAM	1	0	18

Band 2 Ant 3 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.55	18.57	18.52		
20	QPSK	1	49	18.53	18.51	18.43	19.6	0
20	QPSK	1	99	18.50	18.45	18.43		
20	QPSK	50	0	18.54	18.56	18.52		
20	QPSK	50	24	18.45	18.52	18.50	19.6	0
20	QPSK	50	50	18.51	18.49	18.43		
20	QPSK	100	0	18.50	18.54	18.52		
20	16QAM	1	0	18.47	18.49	18.44		
20	16QAM	1	49	18.46	18.46	18.50	19.6	0
20	16QAM	1	99	18.43	18.50	18.46		
20	16QAM	50	0	18.48	18.51	18.49		
20	16QAM	50	24	18.52	18.53	18.44	19.6	0
20	16QAM	50	50	18.53	18.48	18.49		
20	16QAM	100	0	18.47	18.53	18.47		
20	64QAM	1	0	18.49	18.51	18.50		
20	64QAM	1	49	18.53	18.47	18.45	19.6	0
20	64QAM	1	99	18.54	18.47	18.48		
20	64QAM	50	0	18.52	18.51	18.53		
20	64QAM	50	24	18.47	18.49	18.48	19.6	0
20	64QAM	50	50	18.48	18.54	18.46		
20	64QAM	100	0	18.45	18.54	18.51		
20	256QAM	1	0	17.92	17.97	17.89		
20	256QAM	1	49	17.75	18.00	17.73	19	0.6
20	256QAM	1	99	17.93	17.88	17.87		
20	256QAM	50	0	17.93	17.89	17.85		
20	256QAM	50	24	17.98	17.89	17.94	19	0.6
20	256QAM	50	50	17.79	17.90	17.72		
20	256QAM	100	0	17.78	17.99	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.47	18.46	18.48		
15	QPSK	1	37	18.52	18.47	18.51	19.6	0
15	QPSK	1	74	18.49	18.52	18.43		
15	QPSK	36	0	18.44	18.55	18.47		
15	QPSK	36	20	18.49	18.47	18.43	19.6	0
15	QPSK	36	39	18.51	18.47	18.46		
15	QPSK	75	0	18.45	18.52	18.48		
15	16QAM	1	0	18.46	18.48	18.53		
15	16QAM	1	37	18.46	18.44	18.51	19.6	0
15	16QAM	1	74	18.43	18.51	18.44		
15	16QAM	36	0	18.49	18.47	18.54		
15	16QAM	36	20	18.53	18.45	18.53	19.6	0
15	16QAM	36	39	18.47	18.53	18.51		
15	16QAM	75	0	18.53	18.50	18.46		
15	64QAM	1	0	18.52	18.50	18.52		
15	64QAM	1	37	18.46	18.50	18.42	19.6	0
15	64QAM	1	74	18.53	18.45	18.45		
15	64QAM	36	0	18.44	18.48	18.48		
15	64QAM	36	20	18.53	18.45	18.49	19.6	0
15	64QAM	36	39	18.54	18.53	18.47		
15	64QAM	75	0	18.46	18.53	18.48		
15	256QAM	1	0	17.84	17.88	17.86		
15	256QAM	1	37	17.85	17.96	17.75	19	0.6
15	256QAM	1	74	17.81	17.85	17.81		
15	256QAM	36	0	17.85	17.86	17.71		
15	256QAM	36	20	17.85	17.76	17.86	19	0.6
15	256QAM	36	39	17.65	17.79	17.70		
15	256QAM	75	0	17.75	17.92	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.52	18.47	18.51		
10	QPSK	1	25	18.52	18.47	18.52	19.6	0
10	QPSK	1	49	18.47	18.52	18.48		
10	QPSK	25	0	18.50	18.53	18.47		
10	QPSK	25	12	18.51	18.49	18.48	19.6	0
10	QPSK	25	25	18.47	18.51	18.54		
10	QPSK	50	0	18.43	18.51	18.50		
10	16QAM	1	0	18.44	18.45	18.47		
10	16QAM	1	25	18.42	18.49	18.53	19.6	0
10	16QAM	1	49	18.53	18.53	18.51		
10	16QAM	25	0	18.43	18.55	18.54		
10	16QAM	25	12	18.53	18.47	18.50	19.6	0
10	16QAM	25	25	18.47	18.55	18.53		
10	16QAM	50	0	18.47	18.49	18.53		
10	64QAM	1	0	18.47	18.51	18.45		
10	64QAM	1	25	18.53	18.56	18.53	19.6	0
10	64QAM	1	49	18.53	18.53	18.43		
10	64QAM	25	0	18.52	18.54	18.44		
10	64QAM	25	12	18.49	18.45	18.51	19.6	0
10	64QAM	25	25	18.44	18.48	18.53		
10	64QAM	50	0	18.48	18.53	18.54		
10	256QAM	1	0	17.85	17.86	17.76		
10	256QAM	1	25	17.63	17.94	17.67	19	0.6
10	256QAM	1	49	17.87	17.75	17.74		
10	256QAM	25	0	17.84	17.78	17.74		
10	256QAM	25	12	17.86	17.76	17.81	19	0.6
10	256QAM	25	25	17.70	17.77	17.67		
10	256QAM	50	0	17.70	17.94	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.45	18.53	18.42		
5	QPSK	1	12	18.48	18.50	18.54	19.6	0
5	QPSK	1	24	18.47	18.54	18.53		
5	QPSK	12	0	18.44	18.45	18.52		
5	QPSK	12	7	18.42	18.51	18.51	19.6	0
5	QPSK	12	13	18.42	18.50	18.51		
5	QPSK	25	0	18.53	18.51	18.49		
5	16QAM	1	0	18.46	18.53	18.48		
5	16QAM	1	12	18.48	18.50	18.42	19.6	0
5	16QAM	1	24	18.48	18.46	18.45		
5	16QAM	12	0	18.48	18.44	18.43		
5	16QAM	12	7	18.48	18.50	18.48	19.6	0
5	16QAM	12	13	18.52	18.46	18.47		
5	16QAM	25	0	18.53	18.52	18.43		
5	64QAM	1	0	18.50	18.54	18.52		
5	64QAM	1	12	18.42	18.47	18.43	19.6	0
5	64QAM	1	24	18.46	18.55	18.51		
5	64QAM	12	0	18.50	18.50	18.49		
5	64QAM	12	7	18.46	18.44	18.45	19.6	0
5	64QAM	12	13	18.51	18.48	18.54		
5	64QAM	25	0	18.43	18.49	18.51		
5	256QAM	1	0	17.85	17.85	17.76		
5	256QAM	1	12	17.71	17.90	17.69	19	0.6
5	256QAM	1	24	17.90	17.82	17.76		
5	256QAM	12	0	17.84	17.86	17.81		
5	256QAM	12	7	17.96	17.80	17.80	19	0.6
5	256QAM	12	13	17.67	17.83	17.64		
5	256QAM	25	0	17.70	17.92	17.74		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.46	18.54	18.49		
3	QPSK	1	8	18.53	18.49	18.42	19.6	0
3	QPSK	1	14	18.49	18.45	18.53		
3	QPSK	8	0	18.43	18.50	18.47		
3	QPSK	8	4	18.43	18.53	18.45	19.6	0
3	QPSK	8	7	18.46	18.49	18.45		
3	QPSK	15	0	18.45	18.53	18.53		
3	16QAM	1	0	18.49	18.48	18.51		
3	16QAM	1	8	18.45	18.54	18.45	19.6	0
3	16QAM	1	14	18.45	18.46	18.50		
3	16QAM	8	0	18.49	18.47	18.52		
3	16QAM	8	4	18.49	18.51	18.54	19.6	0
3	16QAM	8	7	18.48	18.53	18.47		
3	16QAM	15	0	18.44	18.46	18.47		
3	64QAM	1	0	18.45	18.54	18.47		
3	64QAM	1	8	18.44	18.46	18.46	19.6	0
3	64QAM	1	14	18.45	18.48	18.47		
3	64QAM	8	0	18.50	18.52	18.52		
3	64QAM	8	4	18.43	18.48	18.44	19.6	0
3	64QAM	8	7	18.54	18.52	18.45		
3	64QAM	15	0	18.49	18.53	18.47		
3	256QAM	1	0	17.78	17.93	17.80		
3	256QAM	1	8	17.67	17.97	17.70	19	0.6
3	256QAM	1	14	17.79	17.82	17.78		
3	256QAM	8	0	17.86	17.84	17.79		
3	256QAM	8	4	17.90	17.78	17.87	19	0.6
3	256QAM	8	7	17.68	17.87	17.61		
3	256QAM	15	0	17.67	17.93	17.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.48	18.54	18.50		
1.4	QPSK	1	3	18.51	18.50	18.54		
1.4	QPSK	1	5	18.51	18.49	18.47	19.6	0
1.4	QPSK	3	0	18.53	18.48	18.43		
1.4	QPSK	3	1	18.54	18.49	18.43		
1.4	QPSK	3	3	18.49	18.45	18.50		
1.4	QPSK	6	0	18.49	18.53	18.48	19.6	0
1.4	16QAM	1	0	18.42	18.44	18.51		
1.4	16QAM	1	3	18.46	18.56	18.51		
1.4	16QAM	1	5	18.48	18.44	18.45	19.6	0
1.4	16QAM	3	0	18.43	18.49	18.42		
1.4	16QAM	3	1	18.46	18.48	18.48		
1.4	16QAM	3	3	18.53	18.52	18.49		
1.4	16QAM	6	0	18.48	18.49	18.53	19.6	0
1.4	64QAM	1	0	18.46	18.45	18.47		
1.4	64QAM	1	3	18.46	18.45	18.53		
1.4	64QAM	1	5	18.49	18.50	18.45	19.6	0
1.4	64QAM	3	0	18.54	18.46	18.44		
1.4	64QAM	3	1	18.45	18.46	18.53		
1.4	64QAM	3	3	18.48	18.47	18.54		
1.4	64QAM	6	0	18.46	18.51	18.42	19.6	0
1.4	256QAM	1	0	17.84	17.88	17.78		
1.4	256QAM	1	3	17.72	17.90	17.59		
1.4	256QAM	1	5	17.81	17.77	17.74	19	0.6
1.4	256QAM	3	0	17.82	17.83	17.80		
1.4	256QAM	3	1	17.88	17.80	17.89		
1.4	256QAM	3	3	17.71	17.80	17.67		
1.4	256QAM	6	0	17.68	17.91	17.71	19	0.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.94	19.08	19.06		
20	QPSK	1	49	18.92	19.05	19.03	20.1	0
20	QPSK	1	99	19.02	19.02	19.02		
20	QPSK	50	0	19.00	19.05	19.02		
20	QPSK	50	24	18.94	19.03	19.04	20.1	0
20	QPSK	50	50	19.04	19.00	18.93		
20	QPSK	100	0	18.94	19.02	18.99		
20	16QAM	1	0	18.99	19.03	18.93		
20	16QAM	1	49	19.00	18.94	18.97	20.1	0
20	16QAM	1	99	18.96	18.98	19.02		
20	16QAM	50	0	18.97	19.03	18.92		
20	16QAM	50	24	19.02	18.96	19.01	20.1	0
20	16QAM	50	50	19.00	19.04	18.94		
20	16QAM	100	0	18.94	19.00	19.00		
20	64QAM	1	0	18.98	19.00	18.98		
20	64QAM	1	49	18.99	18.94	19.03	20.1	0
20	64QAM	1	99	18.97	19.01	18.95		
20	64QAM	50	0	18.93	19.04	18.97		
20	64QAM	50	24	18.92	18.94	19.02	20.1	0
20	64QAM	50	50	18.97	19.03	19.01		
20	64QAM	100	0	19.02	18.95	19.03		
20	256QAM	1	0	17.63	17.69	17.69		
20	256QAM	1	49	17.62	17.53	17.54	19	1.1
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64		
20	256QAM	50	24	17.69	17.73	17.59	19	1.1
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.98	19.06	18.92		
15	QPSK	1	37	18.98	19.04	19.00	20.1	0
15	QPSK	1	74	19.00	18.99	19.04		
15	QPSK	36	0	18.95	19.05	18.98		
15	QPSK	36	20	18.97	19.01	18.92	20.1	0
15	QPSK	36	39	18.99	18.99	19.02		
15	QPSK	75	0	18.96	18.94	18.92		
15	16QAM	1	0	18.99	19.04	18.96		
15	16QAM	1	37	19.01	18.94	18.98	20.1	0
15	16QAM	1	74	19.04	19.02	19.00		
15	16QAM	36	0	18.94	19.06	18.95		
15	16QAM	36	20	18.95	18.99	18.98	20.1	0
15	16QAM	36	39	19.04	19.01	18.98		
15	16QAM	75	0	18.94	19.01	19.01		
15	64QAM	1	0	18.96	19.05	18.98		
15	64QAM	1	37	18.94	19.01	18.93	20.1	0
15	64QAM	1	74	18.97	18.96	18.96		
15	64QAM	36	0	18.98	18.99	19.02		
15	64QAM	36	20	18.98	19.01	18.96	20.1	0
15	64QAM	36	39	18.93	19.01	18.94		
15	64QAM	75	0	18.98	19.04	18.93		
15	256QAM	1	0	17.57	17.60	17.63		
15	256QAM	1	37	17.56	17.44	17.52	19	1.1
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52		
15	256QAM	36	20	17.58	17.63	17.54	19	1.1
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.92	18.99	19.02		
10	QPSK	1	25	18.99	19.03	19.04	20.1	0
10	QPSK	1	49	18.98	19.05	19.03		
10	QPSK	25	0	18.96	18.98	18.95		
10	QPSK	25	12	18.93	19.03	18.96	20.1	0
10	QPSK	25	25	19.03	19.03	18.95		
10	QPSK	50	0	19.01	19.01	18.98		
10	16QAM	1	0	19.00	19.01	19.00		
10	16QAM	1	25	19.00	18.96	18.95	20.1	0
10	16QAM	1	49	19.04	18.98	19.03		
10	16QAM	25	0	18.99	18.99	18.99		
10	16QAM	25	12	18.98	19.03	19.04	20.1	0
10	16QAM	25	25	18.98	18.99	19.01		
10	16QAM	50	0	18.92	19.03	19.00		
10	64QAM	1	0	19.02	19.01	19.01		
10	64QAM	1	25	19.01	18.99	18.94	20.1	0
10	64QAM	1	49	18.99	19.01	19.01		
10	64QAM	25	0	18.97	19.01	19.03		
10	64QAM	25	12	18.98	19.04	18.99	20.1	0
10	64QAM	25	25	19.02	19.03	18.94		
10	64QAM	50	0	18.98	18.98	19.01		
10	256QAM	1	0	17.54	17.56	17.66		
10	256QAM	1	25	17.58	17.51	17.47	19	1.1
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56		
10	256QAM	25	12	17.61	17.71	17.49	19	1.1
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.95	19.03	18.97		
5	QPSK	1	12	18.99	19.05	18.92	20.1	0
5	QPSK	1	24	18.99	18.95	18.94		
5	QPSK	12	0	18.97	19.01	18.97		
5	QPSK	12	7	19.01	19.06	19.01	20.1	0
5	QPSK	12	13	18.96	18.99	19.02		
5	QPSK	25	0	18.94	18.97	18.98		
5	16QAM	1	0	19.00	18.97	18.96		
5	16QAM	1	12	19.01	18.97	19.01	20.1	0
5	16QAM	1	24	18.95	19.04	18.95		
5	16QAM	12	0	18.97	18.96	18.93		
5	16QAM	12	7	18.93	18.99	18.99	20.1	0
5	16QAM	12	13	18.98	18.95	19.04		
5	16QAM	25	0	18.93	18.98	18.95		
5	64QAM	1	0	19.00	18.95	19.01		
5	64QAM	1	12	18.99	18.95	18.97	20.1	0
5	64QAM	1	24	18.98	18.96	18.93		
5	64QAM	12	0	18.96	18.98	18.93		
5	64QAM	12	7	18.93	19.05	18.92	20.1	0
5	64QAM	12	13	19.00	18.95	19.00		
5	64QAM	25	0	18.99	18.99	19.00		
5	256QAM	1	0	17.52	17.57	17.62		
5	256QAM	1	12	17.53	17.41	17.51	19	1.1
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61		
5	256QAM	12	7	17.59	17.66	17.55	19	1.1
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.00	19.02	18.99		
3	QPSK	1	8	18.99	18.95	18.95	20.1	0
3	QPSK	1	14	19.00	18.99	19.04		
3	QPSK	8	0	18.98	19.00	19.01		
3	QPSK	8	4	18.95	19.04	19.03	20.1	0
3	QPSK	8	7	18.94	18.96	18.94		
3	QPSK	15	0	19.03	19.05	19.00		
3	16QAM	1	0	19.03	19.05	18.92		
3	16QAM	1	8	18.93	18.99	19.03	20.1	0
3	16QAM	1	14	18.95	18.96	18.96		
3	16QAM	8	0	19.04	18.95	18.98		
3	16QAM	8	4	18.93	18.95	18.93	20.1	0
3	16QAM	8	7	18.96	19.01	18.95		
3	16QAM	15	0	19.01	19.02	18.93		
3	64QAM	1	0	18.97	18.98	18.96		
3	64QAM	1	8	18.96	19.02	19.04	20.1	0
3	64QAM	1	14	18.94	18.95	18.96		
3	64QAM	8	0	18.92	18.99	19.04		
3	64QAM	8	4	18.93	19.05	19.01	20.1	0
3	64QAM	8	7	19.01	19.03	18.99		
3	64QAM	15	0	19.00	18.98	18.95		
3	256QAM	1	0	17.55	17.60	17.66		
3	256QAM	1	8	17.51	17.44	17.44	19	1.1
3	256QAM	1	14	17.51	17.45	17.43		
3	256QAM	8	0	17.61	17.62	17.53		
3	256QAM	8	4	17.58	17.60	17.47	19	1.1
3	256QAM	8	7	17.61	17.57	17.49		
3	256QAM	15	0	17.37	17.60	17.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.95	18.96	18.99		
1.4	QPSK	1	3	19.03	19.05	18.97		
1.4	QPSK	1	5	19.01	18.97	18.98	20.1	0
1.4	QPSK	3	0	18.98	19.01	18.98		
1.4	QPSK	3	1	18.94	18.99	18.97		
1.4	QPSK	3	3	18.93	18.99	19.00		
1.4	QPSK	6	0	18.93	19.06	18.99	20.1	0
1.4	16QAM	1	0	19.03	19.03	19.03		
1.4	16QAM	1	3	19.02	19.01	19.01		
1.4	16QAM	1	5	18.98	19.04	18.98	20.1	0
1.4	16QAM	3	0	19.01	18.98	18.93		
1.4	16QAM	3	1	19.02	18.99	18.98		
1.4	16QAM	3	3	19.03	18.95	19.01		
1.4	16QAM	6	0	19.02	18.95	19.01	20.1	0
1.4	64QAM	1	0	18.93	19.00	18.93		
1.4	64QAM	1	3	18.92	18.98	18.93		
1.4	64QAM	1	5	18.92	19.01	18.99	20.1	0
1.4	64QAM	3	0	19.00	19.03	18.94		
1.4	64QAM	3	1	19.02	19.04	18.93		
1.4	64QAM	3	3	18.95	19.05	18.96		
1.4	64QAM	6	0	18.94	18.98	19.03	20.1	0
1.4	256QAM	1	0	17.55	17.61	17.61		
1.4	256QAM	1	3	17.56	17.40	17.44		
1.4	256QAM	1	5	17.46	17.45	17.52	19	1.1
1.4	256QAM	3	0	17.58	17.68	17.57		
1.4	256QAM	3	1	17.56	17.65	17.54		
1.4	256QAM	3	3	17.60	17.58	17.53		
1.4	256QAM	6	0	17.41	17.54	17.53	19	1.1

Reduced Power Mode for DSI 10_Other Path

Band 2 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.07	22.10	22.03		
20	QPSK	1	49	22.00	22.08	21.89	23	0
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01		
20	QPSK	50	24	20.95	21.11	20.85	22	1
20	QPSK	50	50	20.89	21.03	20.91		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07		
20	16QAM	1	49	20.99	21.09	20.94	22	1
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98		
20	16QAM	50	24	19.91	20.16	19.84	21	2
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.17	20.11		
20	64QAM	1	0	20.07	20.15	20.12		
20	64QAM	1	49	20.01	20.06	19.93	21	2
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03		
20	64QAM	50	24	18.98	19.16	18.86	20	3
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01		
20	256QAM	1	49	17.00	17.06	16.84	18	5
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12	18	5
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18575	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.07	22.05	21.94		
15	QPSK	1	37	21.87	21.96	21.79	23	0
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90		
15	QPSK	36	20	20.91	21.07	20.78	22	1
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.10	21.03		
15	16QAM	1	37	20.93	21.00	20.84	22	1
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86		
15	16QAM	36	20	19.81	20.03	19.73	21	2
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01		
15	64QAM	1	37	19.97	19.98	19.87	21	2
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00		
15	64QAM	36	20	18.93	19.06	18.80	20	3
15	64QAM	36	39	18.74	18.94	18.80		
15	64QAM	75	0	18.96	19.09	19.07		
15	256QAM	1	0	17.00	17.02	16.88		
15	256QAM	1	37	16.91	16.94	16.72	18	5
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07	18	5
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00		
10	QPSK	1	25	21.96	22.02	21.76	23	0
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98		
10	QPSK	25	12	20.90	21.06	20.83	22	1
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.89	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04		
10	16QAM	1	25	20.92	21.04	20.83	22	1
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90		
10	16QAM	25	12	19.85	20.07	19.77	21	2
10	16QAM	25	25	19.76	19.86	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04		
10	64QAM	1	25	19.90	19.97	19.82	21	2
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95		
10	64QAM	25	12	18.86	19.12	18.74	20	3
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.08	19.03		
10	256QAM	1	0	16.97	16.99	16.93		
10	256QAM	1	25	16.96	16.97	16.75	18	5
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	17.08	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04	18	5
10	256QAM	25	25	16.95	17.02	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00		
5	QPSK	1	12	21.92	21.94	21.85	23	0
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91		
5	QPSK	12	7	20.87	21.02	20.76	22	1
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97		
5	16QAM	1	12	20.88	21.05	20.90	22	1
5	16QAM	1	24	20.90	20.98	20.98		
5	16QAM	12	0	19.91	20.12	19.92		
5	16QAM	12	7	19.85	20.04	19.75	21	2
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99		
5	64QAM	1	12	19.98	20.04	19.84	21	2
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.10	18.97		
5	64QAM	12	7	18.95	19.04	18.80	20	3
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88		
5	256QAM	1	12	16.94	17.01	16.72	18	5
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.09	16.97	17.01	18	5
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	16.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95		
3	QPSK	1	8	21.91	22.00	21.76	23	0
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88		
3	QPSK	8	4	20.88	21.07	20.79	22	1
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04		
3	16QAM	1	8	20.89	21.04	20.81	22	1
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96		
3	16QAM	8	4	19.82	20.04	19.73	21	2
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02		
3	64QAM	1	8	19.90	19.96	19.85	21	2
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00		
3	64QAM	8	4	18.92	19.07	18.72	20	3
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92		
3	256QAM	1	8	16.91	16.93	16.71	18	5
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07		
3	256QAM	8	4	17.02	17.03	17.08	18	5
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95		
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90	23	0
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03		
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99	22	1
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02		
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92	21	2
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97		
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91	18	5
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

Band 5 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70		
10	QPSK	1	25	22.72	22.71	22.62	24	0
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.70	21.84	21.68		
10	QPSK	25	12	21.75	21.74	21.58	23	1
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.72	21.73	21.59	23	1
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71		
10	16QAM	25	12	20.78	20.75	20.58	22	2
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77		
10	64QAM	1	25	20.72	20.68	20.53	22	2
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64		
10	64QAM	25	12	19.74	19.77	19.58	21	3
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72		
10	256QAM	1	25	17.78	17.75	17.54	19	5
10	256QAM	1	49	17.71	17.62	17.51		
10	256QAM	25	0	17.84	17.83	17.61		
10	256QAM	25	12	17.71	17.77	17.69	19	5
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59		
5	QPSK	1	12	22.69	22.62	22.58	24	0
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63		
5	QPSK	12	7	21.67	21.61	21.53	23	1
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62		
5	16QAM	1	12	21.63	21.64	21.47	23	1
5	16QAM	1	24	21.57	21.56	21.38		
5	16QAM	12	0	20.60	20.73	20.63		
5	16QAM	12	7	20.75	20.71	20.50	22	2
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69		
5	64QAM	1	12	20.62	20.65	20.46	22	2
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50		
5	64QAM	12	7	19.70	19.69	19.45	21	3
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.83	19.56		
5	256QAM	1	0	17.57	17.74	17.60		
5	256QAM	1	12	17.68	17.66	17.49	19	5
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55		
5	256QAM	12	7	17.86	17.70	17.64	19	5
5	256QAM	12	13	17.70	17.64	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59		
3	QPSK	1	8	22.60	22.58	22.49	24	0
3	QPSK	1	14	22.51	22.63	22.50		
3	QPSK	8	0	21.65	21.73	21.59		
3	QPSK	8	4	21.63	21.62	21.47	23	1
3	QPSK	8	7	21.59	21.49	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.71	21.67		
3	16QAM	1	8	21.67	21.63	21.45	23	1
3	16QAM	1	14	21.48	21.53	21.39		
3	16QAM	8	0	20.64	20.79	20.59		
3	16QAM	8	4	20.69	20.62	20.55	22	2
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.70	20.59		
3	64QAM	1	0	20.56	20.60	20.65		
3	64QAM	1	8	20.63	20.58	20.51	22	2
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.57	19.76	19.53		
3	64QAM	8	4	19.71	19.74	19.48	21	3
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.59	17.76	17.62		
3	256QAM	1	8	17.74	17.68	17.40	19	5
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56		
3	256QAM	8	4	17.65	17.73	17.63	19	5
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.51	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65		
1.4	QPSK	1	3	22.62	22.68	22.51		
1.4	QPSK	1	5	22.50	22.54	22.50	24	0
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.45	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67		
1.4	16QAM	1	3	21.59	21.64	21.51		
1.4	16QAM	1	5	21.49	21.55	21.39	23	1
1.4	16QAM	3	0	21.55	21.68	21.53		
1.4	16QAM	3	1	21.56	21.65	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.62	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67		
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.50	20.48	22	2
1.4	64QAM	3	0	20.65	20.59	20.55		
1.4	64QAM	3	1	20.59	20.59	20.64		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64		
1.4	256QAM	1	3	17.74	17.65	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45	19	5
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

Band 7 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.16		
20	QPSK	1	49	22.09	22.21	22.05	23	0
20	QPSK	1	99	22.14	22.20	22.07		
20	QPSK	50	0	21.16	21.31	21.20		
20	QPSK	50	24	21.14	21.18	21.05	22	1
20	QPSK	50	50	21.12	21.21	21.04		
20	QPSK	100	0	21.23	21.26	21.16		
20	16QAM	1	0	21.15	21.20	21.12		
20	16QAM	1	49	21.14	21.15	21.10	22	1
20	16QAM	1	99	21.13	21.23	21.02		
20	16QAM	50	0	20.21	20.28	20.19		
20	16QAM	50	24	20.15	20.13	20.06	21	2
20	16QAM	50	50	20.09	20.20	20.10		
20	16QAM	100	0	20.20	20.25	20.18		
20	64QAM	1	0	20.14	20.19	20.11		
20	64QAM	1	49	20.16	20.11	20.09	21	2
20	64QAM	1	99	20.18	20.21	20.06		
20	64QAM	50	0	19.17	19.25	19.23		
20	64QAM	50	24	19.09	19.15	19.02	20	3
20	64QAM	50	50	19.07	19.17	19.03		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	17.14	17.27	17.23		
20	256QAM	1	49	17.10	17.15	17.01	18	5
20	256QAM	1	99	17.16	17.18	17.04		
20	256QAM	50	0	17.28	17.21	17.20		
20	256QAM	50	24	17.11	17.16	17.13	18	5
20	256QAM	50	50	17.10	17.10	17.07		
20	256QAM	100	0	17.10	17.27	17.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.13	22.22	22.02		
15	QPSK	1	37	21.95	22.08	21.94	23	0
15	QPSK	1	74	22.05	22.17	21.95		
15	QPSK	36	0	21.07	21.27	21.18		
15	QPSK	36	20	21.06	21.08	20.96	22	1
15	QPSK	36	39	21.01	21.08	20.96		
15	QPSK	75	0	21.12	21.22	21.04		
15	16QAM	1	0	21.12	21.07	21.00		
15	16QAM	1	37	21.04	21.05	21.03	22	1
15	16QAM	1	74	20.99	21.11	20.94		
15	16QAM	36	0	20.15	20.15	20.16		
15	16QAM	36	20	20.01	20.03	20.01	21	2
15	16QAM	36	39	20.01	20.09	20.07		
15	16QAM	75	0	20.14	20.13	20.09		
15	64QAM	1	0	20.03	20.11	20.01		
15	64QAM	1	37	20.10	20.02	20.05	21	2
15	64QAM	1	74	20.06	20.16	19.93		
15	64QAM	36	0	19.12	19.16	19.13		
15	64QAM	36	20	19.05	19.12	18.93	20	3
15	64QAM	36	39	18.93	19.05	18.89		
15	64QAM	75	0	19.15	19.23	19.06		
15	256QAM	1	0	17.12	17.15	17.11		
15	256QAM	1	37	17.03	17.02	16.93	18	5
15	256QAM	1	74	17.06	17.14	16.97		
15	256QAM	36	0	17.26	17.17	17.07		
15	256QAM	36	20	17.02	17.11	17.01	18	5
15	256QAM	36	39	17.04	16.98	16.98		
15	256QAM	75	0	16.97	17.16	17.05		
Channel				20860	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2565		
10	QPSK	1	0	22.14	22.19	22.08		
10	QPSK	1	25	21.99	22.16	21.97	23	0
10	QPSK	1	49	22.04	22.16	21.95		
10	QPSK	25	0	21.09	21.21	21.11		
10	QPSK	25	12	21.01	21.10	21.02	22	1
10	QPSK	25	25	21.04	21.18	20.98		
10	QPSK	50	0	21.16	21.16	21.04		
10	16QAM	1	0	21.10	21.07	21.07		
10	16QAM	1	25	21.04	21.02	21.04	22	1
10	16QAM	1	49	21.05	21.09	20.93		
10	16QAM	25	0	20.19	20.22	20.06		
10	16QAM	25	12	20.01	20.05	20.02	21	2
10	16QAM	25	25	19.96	20.07	19

Band 13 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05			
10	16QAM	1	0		21.05		22	1
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05			
10	64QAM	1	0		20.07		21	2
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.96	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

Band 14 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.52		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

Band 30 Ant 0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	1
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.56		23	1
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62			
10	64QAM	1	0		20.55		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	3
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	5
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	24	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	1
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	1
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	2
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	2
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	3
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	5
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.40	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	5
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26		
20	QPSK	1	49	22.15	22.28	22.17	24	0
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22		
20	QPSK	50	24	21.17	21.28	21.18	23	1
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29		
20	16QAM	1	49	21.15	21.23	21.11	23	1
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21		
20	16QAM	50	24	20.23	20.29	20.17	22	2
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33		
20	64QAM	1	49	20.12	20.26	20.17	22	2
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23		
20	64QAM	50	24	19.23	19.30	19.24	21	3
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24		
20	256QAM	1	49	17.18	17.32	17.20	19	5
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23		
20	256QAM	50	24	17.19	17.27	17.32	19	5
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15		
15	QPSK	1	37	22.04	22.17	22.12	24	0
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18		
15	QPSK	36	20	21.05	21.25	21.14	23	1
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20		
15	16QAM	1	37	21.10	21.13	21.00	23	1
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18		
15	16QAM	36	20	20.15	20.24	20.03	22	2
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20		
15	64QAM	1	37	20.13	20.21	20.10	22	2
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14		
15	64QAM	36	20	19.15	19.23	19.10	21	3
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19		
15	256QAM	1	37	17.16	17.21	17.09	19	5
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16		
15	256QAM	36	20	17.12	17.23	17.26	19	5
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14		
10	QPSK	1	25	22.13	22.16	22.10	24	0
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13		
10	QPSK	25	12	21.13	21.23	21.12	23	1
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23		
10	16QAM	1	25	21.11	21.19	21.09	23	1
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18		
10	16QAM	25	12	20.17	20.20	20.13	22	2
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21		
10	64QAM	1	25	20.02	20.14	20.11	22	2
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17		
10	64QAM	25	12	19.11	19.19	19.11	21	3
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19		
10	256QAM	1	25	17.06	17.24	17.06	19	5
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16		
10	256QAM	25	12	17.10	17.23	17.23	19	5
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16		
5	QPSK	1	12	22.03	22.15	22.04	24	0
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16		
5	QPSK	12	7	21.07	21.18	21.08	23	1
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27		
5	16QAM	1	12	21.04	21.18	21.03	23	1
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12		
5	16QAM	12	7	20.18	20.25	20.09	22	2
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31		
5	64QAM	1	12	20.09	20.22	20.04	22	2
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14		
5	64QAM	12	7	19.17	19.25	19.11	21	3
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15		
5	256QAM	1	12	17.07	17.27	17.18	19	5
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12		
5	256QAM	12	7	17.08	17.24	17.25	19	5
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15		
3	QPSK	1	8	22.10	22.22	22.13	24	0
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09		
3	QPSK	8	4	21.06	21.18	21.12	23	1
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21		
3	16QAM	1	8	21.01	21.17	21.00	23	1
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09		
3	16QAM	8	4	20.14	20.22	20.10	22	2
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24		
3	64QAM	1	8	20.06	20.15	20.13	22	2
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19		
3	64QAM	8	4	19.15	19.21	19.16	21	3
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14		
3	256QAM	1	8	17.05	17.21	17.16	19	5
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21		
3	256QAM	8	4	17.06	17.16	17.27	19	5
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20		
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12	24	0
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25		
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11	23	1
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30		
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08	22	2
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11		
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09	19	5
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59		
20	QPSK	1	49	22.53	22.64	22.56	24	0
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56		
20	QPSK	50	24	21.51	21.67	21.57	23	1
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51		
20	16QAM	50	24	20.53	20.72	20.56	22	2
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67		
20	64QAM	1	49	20.51	20.59	20.61	22	2
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59		
20	64QAM	50	24	19.47	19.66	19.62	21	3
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52		
20	256QAM	1	49	17.56	17.66	17.60	19	5
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55		
20	256QAM	50	24	17.62	17.61	17.68	19	5
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51		
15	QPSK	1	37	22.48	22.53	22.53	24	0
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45		
15	QPSK	36	20	21.41	21.64	21.50	23	1
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52		
15	16QAM	1	37	21.53	21.50	21.52	23	1
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43		
15	16QAM	36	20	20.41	20.66	20.46	22	2
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59		
15	64QAM	1	37	20.49	20.48	20.52	22	2
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46		
15	64QAM	36	20	19.33	19.57	19.52	21	3
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45		
15	256QAM	1	37	17.45	17.54	17.49	19	5
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47		
15	256QAM	36	20	17.49	17.59	17.65	19	5
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54		
10	QPSK	1	25	22.46	22.50	22.48	24	0
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47		
10	QPSK	25	12	21.48	21.57	21.50	23	1
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.61	21.49		
10	16QAM	1	0	21.51	21.56	21.60		
10	16QAM	1	25	21.48	21.49	21.53	23	1
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45		
10	16QAM	25	12	20.51	20.59	20.45	22	2
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64		
10	64QAM	1	25	20.39	20.46	20.56	22	2
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50		
10	64QAM	25	12	19.33	19.53	19.53	21	3
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41		
10	256QAM	1	25	17.48	17.60	17.51	19	5
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45		
10	256QAM	25	12	17.51	17.50	17.56	19	5
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133347	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54		
5	QPSK	1	12	22.50	22.51	22.52	24	0
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44		
5	QPSK	12	7	21.39	21.63	21.52	23	1
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54		
5	16QAM	1	12	21.44	21.55	21.45	23	1
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47		
5	16QAM	12	7	20.41	20.65	20.43	22	2
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54		
5	64QAM	1	12	20.45	20.46	20.47	22	2
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52		
5	64QAM	12	7	19.36	19.59	19.57	21	3
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.65	17.38		
5	256QAM	1	12	17.46	17.61	17.51	19	5
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43		
5	256QAM	12	7	17.59	17.53	17.57	19	5
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.37	22.24		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.32	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.28	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.30	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.26	17.06		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22		
5	QPSK	1	12	22.20	22.24	22.10	24	0
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.20	21.20	21.17		
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21		
3	QPSK	1	8	22.17	22.19	22.12	24	0
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.08	17.29	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11		
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04	24	0
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.05	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17		
1.4	16QAM	1	3	21.11	21.03	21.14	23	1
1.4	16QAM	1	5	21.06	21.12	21.05		
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13		
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.13	20.16	20.11	22	2
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09		
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00	19	5
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85		
10	QPSK	1	25	22.86	22.89	22.78	24	0
10	QPSK	1	49	22.89	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.89	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83		
5	QPSK	1	12	22.76	22.78	22.71	24	0
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76		
3	QPSK	1	8	22.74	22.76	22.72	24	0
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
3	16QAM	8	4	20.83	20.88	20.70	22	2
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		22.33			
10	QPSK	1	25		22.30		23	0
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36			
10	QPSK	25	12		21.25		22	1
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32			
10	16QAM	1	25		21.31		22	1
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34			
10	16QAM	25	12		20.29		21	2
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34			
10	64QAM	1	25		20.33		21	2
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42			
10	64QAM	25	12		19.24		20	3
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33			
10	256QAM	1	25		17.27		18	5
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35			
10	256QAM	25	12		17.37		18	5
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.99	22.08	22.02		
20	QPSK	1	49	21.88	22.05	21.95	23	0
20	QPSK	1	99	21.85	22.04	21.96		
20	QPSK	50	0	21.03	21.08	21.06		
20	QPSK	50	24	20.93	21.00	20.91	22	1
20	QPSK	50	50	20.83	21.02	20.95		
20	QPSK	100	0	20.96	21.06	21.00		
20	16QAM	1	0	20.95	21.03	21.08		
20	16QAM	1	49	20.92	21.02	20.89	22	1
20	16QAM	1	99	20.82	21.08	20.92		
20	16QAM	50	0	20.09	20.10	20.05		
20	16QAM	50	24	19.96	19.98	19.90	21	2
20	16QAM	50	50	19.82	20.02	19.95		
20	16QAM	100	0	19.94	20.07	20.08		
20	64QAM	1	0	19.97	20.06	20.10		
20	64QAM	1	49	19.94	20.05	19.85	21	2
20	64QAM	1	99	19.81	20.06	19.95		
20	64QAM	50	0	19.03	19.08	19.07		
20	64QAM	50	24	18.88	18.97	18.91	20	3
20	64QAM	50	50	18.79	18.97	18.98		
20	64QAM	100	0	18.90	19.03	19.01		
20	256QAM	1	0	17.05	17.12	17.03		
20	256QAM	1	49	16.94	17.00	16.89	18	5
20	256QAM	1	99	16.85	16.97	16.98		
20	256QAM	50	0	16.98	17.10	17.00		
20	256QAM	50	24	16.92	17.05	17.07	18	5
20	256QAM	50	50	16.93	17.04	16.88		
20	256QAM	100	0	16.80	17.14	16.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.90	22.05	21.99		
15	QPSK	1	37	21.79	22.02	21.82	23	0
15	QPSK	1	74	21.81	22.01	21.85		
15	QPSK	36	0	21.01	20.95	20.97		
15	QPSK	36	20	20.86	20.93	20.81	22	1
15	QPSK	36	39	20.97	20.97	20.91		
15	QPSK	75	0	20.90	20.95	20.98		
15	16QAM	1	0	20.89	20.90	21.02		
15	16QAM	1	37	20.87	20.90	20.79	22	1
15	16QAM	1	74	20.74	21.05	20.87		
15	16QAM	36	0	20.02	20.01	20.02		
15	16QAM	36	20	19.93	19.89	19.85	21	2
15	16QAM	36	39	19.69	19.90	19.90		
15	16QAM	75	0	19.84	19.96	19.98		
15	64QAM	1	0	19.87	20.04	20.07		
15	64QAM	1	37	19.84	19.93	19.83	21	2
15	64QAM	1	74	19.73	19.96	19.82		
15	64QAM	36	0	18.96	19.04	18.95		
15	64QAM	36	20	18.77	18.84	18.83	20	3
15	64QAM	36	39	18.75	18.93	18.84		
15	64QAM	75	0	18.82	18.96	18.95		
15	256QAM	1	0	16.91	17.09	17.01		
15	256QAM	1	37	16.87	16.91	16.75	18	5
15	256QAM	1	74	16.76	16.93	16.90		
15	256QAM	36	0	16.93	17.07	16.97		
15	256QAM	36	20	16.88	16.94	17.05	18	5
15	256QAM	36	39	16.86	16.91	16.80		
15	256QAM	75	0	16.78	17.04	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.99	21.89		
10	QPSK	1	25	21.78	21.96	21.83	23	0
10	QPSK	1	49	21.73	21.99	21.87		
10	QPSK	25	0	20.95	21.00	20.97		
10	QPSK	25	12	20.86	20.93	20.82	22	1
10	QPSK	25	25	20.73	20.99	20.93		
10	QPSK	50	0	20.94	20.95	21.03		
10	16QAM	1	0	20.92	20.92	21.03		
10	16QAM	1	25	20.81	20.96	20.84	22	1
10	16QAM	1	49	20.77	20.98	20.81		
10	16QAM	25	0	20.07	19.97	19.97		
10	16QAM	25	12	19.86	19.95	19.84	21	2
10	16QAM	25	25	19.69	19.97	19.92		
10	16QAM	50	0	19.92	20.01	20.06		
10	64QAM	1	0	19.92	19.92	19.98		
10	64QAM	1	25	19.89	20.02	19.73	21	2
10	64QAM	1	49	19.69	19.97	19.87		
10	64QAM	25	0	18.90	19.01	18.95		
10	64QAM	25	12	18.83	18.92	18.79	20	3
10	64QAM	25	25	18.67	18.95	18.84		
10	64QAM	50	0	18.85	18.95	18.92		
10	256QAM	1	0	16.91	17.10	16.95		
10	256QAM	1	25	16.84	16.89	16.78	18	5
10	256QAM	1	49	16.80	16.95	16.96		
10	256QAM	25	0	16.91	16.98	16.89		
10	256QAM	25	12	16.80	16.92	17.02	18	5
10	256QAM	25	25	16.90	16.91	16.77		
10	256QAM	50	0	16.77	17.08	16.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.94	22.06	21.96		
5	QPSK	1	12	21.80	21.98	21.90	23	0
5	QPSK	1	24	21.72	21.95	21.93		
5	QPSK	12	0	21.00	20.95	21.02		
5	QPSK	12	7	20.80	20.91	20.78	22	1
5	QPSK	12	13	20.69	20.95	20.84		
5	QPSK	25	0	20.82	21.00	21.04		
5	16QAM	1	0	20.82	20.94	20.99		
5	16QAM	1	12	20.89	20.94	20.86	22	1
5	16QAM	1	24	20.70	21.06	20.82		
5	16QAM	12	0	20.07	19.96	19.99		
5	16QAM	12	7	19.84	19.88	19.80	21	2
5	16QAM	12	13	19.78	19.95	19.89		
5	16QAM	25	0	19.85	19.98	20.03		
5	64QAM	1	0	19.91	19.98	19.98		
5	64QAM	1	12	19.80	19.97	19.79	21	2
5	64QAM	1	24	19.71	20.01	19.93		
5	64QAM	12	0	18.96	18.95	18.96		
5	64QAM	12	7	18.78	18.92	18.84	20	3
5	64QAM	12	13	18.66	18.94	18.90		
5	64QAM	25	0	18.80	18.94	18.93		
5	256QAM	1	0	16.97	17.07	16.95		
5	256QAM	1	12	16.80	16.96	16.77	18	5
5	256QAM	1	24	16.79	16.87	16.95		
5	256QAM	12	0	16.85	17.08	16.89		
5	256QAM	12	7	16.84	16.95	17.03	18	5
5	256QAM	12	13	16.85	16.91	16.86		
5	256QAM	25	0	16.68	17.10	16.87		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.97	22.00		
3	QPSK	1	8	21.77	21.93	21.84	23	0
3	QPSK	1	14	21.79	21.96	21.93		
3	QPSK	8	0	21.00	20.97	20.97		
3	QPSK	8	4	20.87	20.93	20.80	22	1
3	QPSK	8	7	20.77	20.93	20.90		
3	QPSK	15	0	20.89	20.94	21.00		
3	16QAM	1	0	20.85	20.99	21.04		
3	16QAM	1	8	20.79	20.99	20.77	22	1
3	16QAM	1	14	20.73	20.96	20.86		
3	16QAM	8	0	20.06	20.00	19.92		
3	16QAM	8	4	19.84	19.90	19.82	21	2
3	16QAM	8	7	19.74	19.89	19.89		
3	16QAM	15	0	19.88	19.99	19.97		
3	64QAM	1	0	19.87	20.01	20.02		
3	64QAM	1	8	19.82	19.91	19.83	21	2
3	64QAM	1	14	19.70	19.93	19.89		
3	64QAM	8	0	19.00	18.96	18.94		
3	64QAM	8	4	18.74	18.87	18.80	20	3
3	64QAM	8	7	18.74	18.83	18.87		
3	64QAM	15	0	18.78	18.94	18.94		
3	256QAM	1	0	17.01	17.10	16.93		
3	256QAM	1	8	16.86	16.93	16.76	18	5
3	256QAM	1	14	16.71	16.85	16.90		
3	256QAM	8	0	16.92	17.00	16.95		
3	256QAM	8	4	16.88	17.02	16.93	18	5
3	256QAM	8	7	16.81	16.95	16.77		
3	256QAM	15	0	16.76	17.04	16.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.92	22.00	21.95		
1.4	QPSK	1	3	21.76	21.97	21.89		
1.4	QPSK	1	5	21.79	21.93	21.82	23	0
1.4	QPSK	3	0	21.80	21.91	21.84		
1.4	QPSK	3	1	21.63	21.93	21.80		
1.4	QPSK	3	3	21.72	21.86	21.79		
1.4	QPSK	6	0	20.90	20.94	20.98	22	1
1.4	16QAM	1	0	20.89	20.95	21.02		
1.4	16QAM	1	3	20.87	20.95	20.79		
1.4	16QAM	1	5	20.70	20.98	20.82	22	1
1.4	16QAM	3	0	20.85	20.82	20.94		
1.4	16QAM	3	1	20.78	20.90	20.90		
1.4	16QAM	3	3	20.83	20.87	20.73		
1.4	16QAM	6	0	19.92	19.96	19.96	21	2
1.4	64QAM	1	0	19.93	20.02	20.00		
1.4	64QAM	1	3	19.90	19.96	19.77		
1.4	64QAM	1	5	19.74	19.98	19.86	21	2
1.4	64QAM	3	0	19.79	19.85	19.86		
1.4	64QAM	3	1	19.87	19.93	19.96		
1.4	64QAM	3	3	19.80	19.82	19.67		
1.4	64QAM	6	0	18.81	18.98	18.97	20	3
1.4	256QAM	1	0	17.01	17.01	16.93		
1.4	256QAM	1	3	16.90	16.90	16.75		
1.4	256QAM	1	5	16.77	16.83	16.90	18	5
1.4	256QAM	3	0	16.91	16.96	16.95		
1.4	256QAM	3	1	16.83	17.00	16.94		
1.4	256QAM	3	3	16.79	16.88	16.85		
1.4	256QAM	6	0	16.76	17.09	16.84	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55		
20	QPSK	1	49	22.46	22.58	22.51	24	0
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53		
20	QPSK	50	24	21.49	21.60	21.57	23	1
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51		
20	16QAM	1	49	21.44	21.55	21.51	23	1
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55		
20	16QAM	50	24	20.50	20.61	20.58	22	2
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56		
20	64QAM	1	49	20.40	20.55	20.50	22	2
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59		
20	64QAM	50	24	19.45	19.58	19.61	21	3
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53		
20	256QAM	1	49	17.53	17.57	17.63	19	5
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57		
20	256QAM	50	24	17.53	17.61	17.55	19	5
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46		
15	QPSK	1	37	22.43	22.44	22.39	24	0
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43		
15	QPSK	36	20	21.44	21.57	21.55	23	1
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42		
15	16QAM	1	37	21.35	21.46	21.39	23	1
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52		
15	16QAM	36	20	20.46	20.48	20.48	22	2
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51		
15	64QAM	1	37	20.37	20.50	20.37	22	2
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53		
15	64QAM	36	20	19.36	19.56	19.53	21	3
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51		
15	256QAM	1	37	17.46	17.49	17.58	19	5
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48		
15	256QAM	36	20	17.46	17.56	17.43	19	5
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49		
10	QPSK	1	25	22.33	22.46	22.39	24	0
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47		
10	QPSK	25	12	21.40	21.56	21.50	23	1
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41		
10	16QAM	1	25	21.41	21.47	21.43	23	1
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46		
10	16QAM	25	12	20.38	20.56	20.52	22	2
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45		
10	64QAM	1	25	20.35	20.50	20.37	22	2
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51		
10	64QAM	25	12	19.42	19.51	19.52	21	3
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49		
10	256QAM	1	25	17.45	17.44	17.53	19	5
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50		
10	256QAM	25	12	17.46	17.54	17.42	19	5
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48		
5	QPSK	1	12	22.34	22.47	22.45	24	0
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46		
5	QPSK	12	7	21.44	21.53	21.53	23	1
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40		
5	16QAM	1	12	21.35	21.52	21.39	23	1
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51		
5	16QAM	12	7	20.44	20.55	20.48	22	2
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42		
5	64QAM	1	12	20.26	20.49	20.46	22	2
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53		
5	64QAM	12	7	19.34	19.47	19.52	21	3
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.48		
5	256QAM	1	12	17.39	17.45	17.56	19	5
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43		
5	256QAM	12	7	17.49	17.52	17.49	19	5
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.01	21.13	21.03	22.6	0
20	QPSK	1	49	20.94	20.99	21.03		
20	QPSK	1	99	20.87	20.95	21.04		
20	QPSK	50	0	20.91	21.07	20.91		
20	QPSK	50	24	20.94	21.00	21.04	22.6	0
20	QPSK	50	50	20.99	21.04	20.96		
20	QPSK	100	0	21.06	21.06	20.45		
20	16QAM	1	0	20.93	21.08	21.08		
20	16QAM	1	49	21.04	21.02	21.01	22.6	0
20	16QAM	1	99	20.91	21.06	20.96		
20	16QAM	50	0	20.95	21.12	20.98		
20	16QAM	50	24	20.98	21.00	21.03	22.6	0
20	16QAM	50	50	20.96	20.99	21.07		
20	16QAM	100	0	20.92	21.01	21.09		
20	64QAM	1	0	20.33	20.48	20.45		
20	64QAM	1	49	20.37	20.51	20.50	22	0.6
20	64QAM	1	99	20.38	20.51	20.36		
20	64QAM	50	0	19.28	19.49	19.41		
20	64QAM	50	24	19.32	19.49	19.36	21	1.6
20	64QAM	50	50	19.46	19.52	19.34		
20	64QAM	100	0	19.36	19.44	19.40		
20	256QAM	1	0	17.37	17.54	17.34		
20	256QAM	1	49	17.33	17.52	17.41	19	3.6
20	256QAM	1	99	17.34	17.49	17.36		
20	256QAM	50	0	17.38	17.51	17.46		
20	256QAM	50	24	17.36	17.48	17.42	19	3.6
20	256QAM	50	50	17.33	17.47	17.47		
20	256QAM	100	0	17.38	17.40	17.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.85	21.01	20.88	22.6	0
15	QPSK	1	37	20.93	21.07	20.87		
15	QPSK	1	74	20.73	20.89	20.99		
15	QPSK	36	0	20.81	21.02	20.76		
15	QPSK	36	20	20.82	20.93	20.92	22.6	0
15	QPSK	36	39	20.85	20.98	20.89		
15	QPSK	75	0	20.97	20.98	20.86		
15	16QAM	1	0	20.88	20.96	21.01		
15	16QAM	1	37	20.96	20.92	20.95	22.6	0
15	16QAM	1	74	20.84	20.99	20.85		
15	16QAM	36	0	20.84	20.99	20.90		
15	16QAM	36	20	20.88	20.96	20.92	22.6	0
15	16QAM	36	39	20.83	20.91	20.92		
15	16QAM	75	0	20.86	20.92	20.96		
15	64QAM	1	0	20.19	20.34	20.32		
15	64QAM	1	37	20.24	20.39	20.43	22	0.6
15	64QAM	1	74	20.31	20.37	20.31		
15	64QAM	36	0	19.23	19.41	19.36		
15	64QAM	36	20	19.24	19.39	19.29	21	1.6
15	64QAM	36	39	19.42	19.38	19.24		
15	64QAM	75	0	19.27	19.37	19.30		
15	256QAM	1	0	17.30	17.45	17.22		
15	256QAM	1	37	17.21	17.41	17.30	19	3.6
15	256QAM	1	74	17.25	17.36	17.27		
15	256QAM	36	0	17.29	17.44	17.38		
15	256QAM	36	20	17.29	17.39	17.27	19	3.6
15	256QAM	36	39	17.20	17.31	17.33		
15	256QAM	75	0	17.27	17.29	17.26		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	20.90	21.03	20.94	22.6	0
10	QPSK	1	25	20.82	20.84	20.88		
10	QPSK	1	49	20.77	20.87	20.91		
10	QPSK	25	0	20.82	20.97	20.82		
10	QPSK	25	12	20.84	20.96	20.95	22.6	0
10	QPSK	25	25	20.94	20.99	20.81		
10	QPSK	50	0	20.99	20.99	20.80		
10	16QAM	1	0	20.88	20.93	20.98		
10	16QAM	1	25	20.91	20.86	20.95	22.6	0
10	16QAM	1	49	20.87	20.91	20.90		
10	16QAM	25	0	20.84	21.04	20.90		
10	16QAM	25	12	20.87	20.96	20.97	22.6	0
10	16QAM	25	25	20.89	20.93	20.98		
10	16QAM	50	0	20.86	20.91	20.93		
10	64QAM	1	0	20.24	20.41	20.32		
10	64QAM	1	25	20.23	20.37	20.41	22	0.6
10	64QAM	1	49	20.31	20.39	20.30		
10	64QAM	25	0	19.15	19.35	19.36		
10	64QAM	25	12	19.18	19.37	19.23	21	1.6
10	64QAM	25	25	19.31	19.38	19.20		
10	64QAM	50	0	19.32	19.29	19.35		
10	256QAM	1	0	17.32	17.39	17.19		
10	256QAM	1	25	17.21	17.40	17.37	19	3.6
10	256QAM	1	49	17.26	17.35	17.24		
10	256QAM	25	0	17.28	17.38	17.35		
10	256QAM	25	12	17.21	17.43	17.35	19	3.6
10	256QAM	25	25	17.29	17.38	17.33		
10	256QAM	50	0	17.33	17.30	17.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.93	21.05	20.96	22.6	0
5	QPSK	1	12	20.87	20.88	20.94		
5	QPSK	1	24	20.72	20.89	20.90		
5	QPSK	12	0	20.86	20.98	20.77		
5	QPSK	12	7	20.86	20.95	20.89	22.6	0
5	QPSK	12	13	20.88	20.90	20.88		
5	QPSK	25	0	20.94	20.98	20.86		
5	16QAM	1	0	20.78	21.03	20.95		
5	16QAM	1	12	20.99	20.92	20.87	22.6	0
5	16QAM	1	24	20.82	20.91	20.91		
5	16QAM	12	0	20.80	21.05	20.85		
5	16QAM	12	7	20.84	20.91	20.88	22.6	0
5	16QAM	12	13	20.89	20.89	21.02		
5	16QAM	25	0	20.76	20.94	21.02		
5	64QAM	1	0	20.29	20.38	20.29		
5	64QAM	1	12	20.31	20.45	20.38	22	0.6
5	64QAM	1	24	20.33	20.42	20.28		
5	64QAM	12	0	19.20	19.39	19.34		
5	64QAM	12	7	19.18	19.37	19.25	21	1.6
5	64QAM	12	13	19.33	19.47	19.20		
5	64QAM	25	0	19.29	19.37	19.36		
5	256QAM	1	0	17.25	17.48	17.22		
5	256QAM	1	12	17.21	17.47	17.31	19	3.6
5	256QAM	1	24	17.21	17.37	17.28		
5	256QAM	12	0	17.32	17.36	17.37		
5	256QAM	12	7	17.25	17.41	17.28	19	3.6
5	256QAM	12	13	17.28	17.37	17.35		
5	256QAM	25	0	17.29	17.30	17.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.95	21.01	20.92	22.6	0
3	QPSK	1	8	20.83	20.87	20.90		
3	QPSK	1	14	20.73	20.88	20.93		
3	QPSK	8	0	20.76	20.95	20.79		
3	QPSK	8	4	20.82	20.95	21.00	22.6	0
3	QPSK	8	7	20.85	20.92	20.90		
3	QPSK	15	0	20.96	21.01	20.89		
3	16QAM	1	0	20.81	20.97	21.02		
3	16QAM	1	8	20.91	20.98	20.88	22.6	0
3	16QAM	1	14	20.81	21.02	20.85		
3	16QAM	8	0	20.90	20.99	20.86		
3	16QAM	8	4	20.85	20.92	20.93	22.6	0
3	16QAM	8	7	20.89	20.90	21.00		
3	16QAM	15	0	20.82	20.88	20.98		
3	64QAM	1	0	20.28	20.41	20.34		
3	64QAM	1	8	20.33	20.37	20.38	22	0.6
3	64QAM	1	14	20.28	20.35	20.29		
3	64QAM	8	0	19.19	19.44	19.33		
3	64QAM	8	4	19.21	19.45	19.27	21	1.6
3	64QAM	8	7	19.37	19.45	19.22		
3	64QAM	15	0	19.22	19.33	19.35		
3	256QAM	1	0	17.32	17.40	17.20		
3	256QAM	1	8	17.19	17.36	17.31	19	3.6
3	256QAM	1	14	17.23	17.41	17.29		
3	256QAM	8	0	17.31	17.37	17.40		
3	256QAM	8	4	17.26	17.35	17.38	19	3.6
3	256QAM	8	7	17.23	17.30	17.42		
3	256QAM	15	0	17.31	17.32	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.73	20.80	20.74	22.6	0
1.4	QPSK	1	3	20.81	20.84	20.87		
1.4	QPSK	1	5	20.79	20.79	20.80		
1.4	QPSK	3	0	20.81	20.84	20.77		
1.4	QPSK	3	1	20.85	20.89	20.89		
1.4	QPSK	3	3	20.85	20.91	20.75		
1.4	QPSK	6	0	20.75	20.84	20.76	22.6	0
1.4	16QAM	1	0	20.72	20.97	20.83	22.6	0
1.4	16QAM	1	3	20.80	20.95	20.86		
1.4	16QAM	1	5	20.72	20.92	20.76		
1.4	16QAM	3	0	20.72	20.90	20.72		
1.4	16QAM	3	1	20.71	20.93	20.76		
1.4	16QAM	3	3	20.82	20.74	20.80		
1.4	16QAM	6	0	20.82	20.83	20.80	22.6	0
1.4	64QAM	1	0	20.25	20.40	20.26	22	0.6
1.4	64QAM	1	3	20.20	20.24	20.26		
1.4	64QAM	1	5	20.34	20.25	20.24		
1.4	64QAM	3	0	20.27	20.37	20.25		
1.4	64QAM	3	1	20.40	20.38	20.42		
1.4	64QAM	3	3	20.30	20.28	20.27		
1.4	64QAM	6	0	19.29	19.38	19.38	21	1.6
1.4	256QAM	1	0	17.21	17.37	17.32	19	3.6
1.4	256QAM	1	3	17.22	17.36	17.33		
1.4	256QAM	1	5	17.24	17.31	17.30		
1.4	256QAM	3	0	17.27	17.34	17.24		
1.4	256QAM	3	1	17.32	17.37	17.37		
1.4	256QAM	3	3	17.19	17.39	17.30		
1.4	256QAM	6	0	17.32	17.31	17.21	19	3.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.73	21.81	21.58	22.7	0
20	QPSK	1	49	21.67	21.79	21.64		
20	QPSK	1	99	21.73	21.77	21.61		
20	QPSK	50	0	21.72	21.79	21.66		
20	QPSK	50	24	21.75	21.73	21.65	22.7	0
20	QPSK	50	50	21.70	21.70	21.67		
20	QPSK	100	0	21.69	21.73	21.71		
20	16QAM	1	0	21.71	21.69	21.62		
20	16QAM	1	49	21.65	21.76	21.67	22.7	0
20	16QAM	1	99	21.66	21.70	21.63		
20	16QAM	50	0	20.98	20.99	20.86		
20	16QAM	50	24	20.95	21.09	20.94	22	0.7
20	16QAM	50	50	20.99	21.12	20.92		
20	16QAM	100	0	21.04	21.15	20.96		
20	64QAM	1	0	21.09	20.98	20.96		
20	64QAM	1	49	21.02	20.98	20.92	22	0.7
20	64QAM	1	99	20.93	21.05	20.96		
20	64QAM	50	0	20.09	19.93	19.85		
20	64QAM	50	24	20.00	20.07	19.98	21	1.7
20	64QAM	50	50	20.05	20.09	19.92		
20	64QAM	100	0	20.00	20.05	19.96		
20	256QAM	1	0	17.99	17.96	17.92		
20	256QAM	1	49	17.97	18.08	17.88	19	3.7
20	256QAM	1	99	18.08	18.05	17.96		
20	256QAM	50	0	18.07	18.04	17.95		
20	256QAM	50	24	18.04	18.09	17.89	19	3.7
20	256QAM	50	50	17.95	17.94	17.97		
20	256QAM	100	0	17.93	18.07	18.00		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.68	21.80	21.42	22.7	0
15	QPSK	1	37	21.53	21.71	21.59		
15	QPSK	1	74	21.65	21.86	21.55		
15	QPSK	36	0	21.66	21.67	21.59		
15	QPSK	36	20	21.71	21.57	21.60	22.7	0
15	QPSK	36	39	21.56	21.55	21.63		
15	QPSK	75	0	21.51	21.59	21.59		
15	16QAM	1	0	21.57	21.63	21.57		
15	16QAM	1	37	21.56	21.60	21.59	22.7	0
15	16QAM	1	74	21.56	21.62	21.49		
15	16QAM	36	0	20.93	20.90	20.80		
15	16QAM	36	20	20.89	20.93	20.86	22	0.7
15	16QAM	36	39	20.88	20.99	20.84		
15	16QAM	75	0	21.00	21.11	20.89		
15	64QAM	1	0	20.95	20.86	20.85		
15	64QAM	1	37	20.87	20.85	20.78	22	0.7
15	64QAM	1	74	20.86	20.92	20.87		
15	64QAM	36	0	20.03	19.83	19.74		
15	64QAM	36	20	19.85	19.98	19.94	21	1.7
15	64QAM	36	39	19.92	19.98	19.82		
15	64QAM	75	0	19.85	19.94	19.91		
15	256QAM	1	0	17.89	17.86	17.83		
15	256QAM	1	37	17.86	18.02	17.76	19	3.7
15	256QAM	1	74	18.00	18.01	17.86		
15	256QAM	36	0	17.93	17.94	17.80		
15	256QAM	36	20	17.89	17.96	17.84	19	3.7
15	256QAM	36	39	17.82	17.82	17.88		
15	256QAM	75	0	17.85	18.00	17.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.61	21.60	21.43	22.7	0
10	QPSK	1	25	21.54	21.67	21.50		
10	QPSK	1	49	21.59	21.71	21.53		
10	QPSK	25	0	21.63	21.72	21.52		
10	QPSK	25	12	21.68	21.59	21.56	22.7	0
10	QPSK	25	25	21.58	21.65	21.65		
10	QPSK	50	0	21.58	21.68	21.65		
10	16QAM	1	0	21.59	21.56	21.46		
10	16QAM	1	25	21.54	21.71	21.62	22.7	0
10	16QAM	1	49	21.58	21.64	21.48		
10	16QAM	25	0	20.85	20.90	20.75		
10	16QAM	25	12	20.84	21.01	20.82	22	0.7
10	16QAM	25	25	20.94	21.02	20.84		
10	16QAM	50	0	20.88	21.04	20.81		
10	64QAM	1	0	20.99	20.83	20.83		
10	64QAM	1	25	20.94	20.86	20.84	22	0.7
10	64QAM	1	49	20.79	20.92	20.81		
10	64QAM	25	0	19.95	19.88	19.69		
10	64QAM	25	12	19.93	19.94	19.82	21	1.7
10	64QAM	25	25	19.99	20.02	19.87		
10	64QAM	50	0	19.95	19.97	19.88		
10	256QAM	1	0	17.89	17.87	17.80		
10	256QAM	1	25	17.88	18.01	17.76	19	3.7
10	256QAM	1	49	17.96	17.89	17.83		
10	256QAM	25	0	17.95	17.96	17.84		
10	256QAM	25	12	17.90	17.98	17.79	19	3.7
10	256QAM	25	25	17.85	17.85	17.90		
10	256QAM	50	0	17.77	17.99	17.94		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.63	21.53	21.45	22.7	0
5	QPSK	1	12	21.56	21.68	21.53		
5	QPSK	1	24	21.62	21.71	21.52		
5	QPSK	12	0	21.58	21.70	21.51		
5	QPSK	12	7	21.65	21.59	21.57	22.7	0
5	QPSK	12	13	21.61	21.60	21.57		
5	QPSK	25	0	21.50	21.65	21.67		
5	16QAM	1	0	21.56	21.57	21.57		
5	16QAM	1	12	21.53	21.64	21.42	22.7	0
5	16QAM	1	24	21.61	21.54	21.50		
5	16QAM	12	0	20.92	20.84	20.81		
5	16QAM	12	7	20.86	21.04	20.82	22	0.7
5	16QAM	12	13	20.91	20.83	20.83		
5	16QAM	25	0	20.91	21.00	20.86		
5	64QAM	1	0	20.97	20.87	20.81		
5	64QAM	1	12	20.96	20.88	20.83	22	0.7
5	64QAM	1	24	20.88	20.98	20.82		
5	64QAM	12	0	19.93	19.81	19.70		
5	64QAM	12	7	19.93	19.92	19.88	21	1.7
5	64QAM	12	13	19.89	20.04	19.80		
5	64QAM	25	0	19.85	19.99	19.90		
5	256QAM	1	0	17.95	17.80	17.83		
5	256QAM	1	12	17.84	18.01	17.81	19	3.7
5	256QAM	1	24	17.99	17.97	17.88		
5	256QAM	12	0	18.01	17.91	17.84		
5	256QAM	12	7	17.98	18.03	17.73	19	3.7
5	256QAM	12	13	17.84	17.87	17.85		
5	256QAM	25	0	17.81	17.95	17.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.03		22.2	0
10	QPSK	1	25		20.95			
10	QPSK	1	49		20.99			
10	QPSK	25	0		20.99			
10	QPSK	25	12		20.98		22.2	0
10	QPSK	25	25		20.98			
10	QPSK	50	0		20.99			
10	16QAM	1	0		21.01			
10	16QAM	1	25		20.99		22.2	0
10	16QAM	1	49		21.02			
10	16QAM	25	0		20.83			
10	16QAM	25	12		20.77		22	0.2
10	16QAM	25	25		20.84			
10	16QAM	50	0		20.65			
10	64QAM	1	0		20.74			
10	64QAM	1	25		20.75		22	0.2
10	64QAM	1	49		20.76			
10	64QAM	25	0		19.81			
10	64QAM	25	12		19.72		21	1.2
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.75			
10	256QAM	1	0		17.83			
10	256QAM	1	25		17.77		19	3.2
10	256QAM	1	49		17.83			
10	256QAM	25	0		17.66			
10	256QAM	25	12		17.78		19	3.2
10	256QAM	25	25		17.84			
10	256QAM	50	0		17.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.90	20.97	20.87	22.2	0
5	QPSK	1	12	20.80	20.87	20.91		
5	QPSK	1	24	20.90	20.83	20.94		
5	QPSK	12	0	20.92	20.90	20.84		
5	QPSK	12	7	20.84	20.93	20.92	22.2	0
5	QPSK	12	13	20.85	20.91	20.83		
5	QPSK	25	0	20.94	20.95	20.89		
5	16QAM	1	0	20.96	20.87	20.92		
5	16QAM	1	12	20.91	20.90	20.92	22.2	0
5	16QAM	1	24	20.93	20.86	20.98		
5	16QAM	12	0	20.72	20.77	20.71		
5	16QAM	12	7	20.70	20.67	20.73	22	0.2
5	16QAM	12	13	20.69	20.75	20.77		
5	16QAM	25	0	20.55	20.51	20.51		
5	64QAM	1	0	20.65	20.62	20.69		
5	64QAM	1	12	20.69	20.63	20.63	22	0.2
5	64QAM	1	24	20.60	20.60	20.60		
5	64QAM	12	0	19.68	19.72	19.71		
5	64QAM	12	7	19.81	19.83	19.67	21	1.2
5	64QAM	12	13	19.71	19.69	19.75		
5	64QAM	25	0	19.59	19.70	19.67		
5	256QAM	1	0	17.67	17.68	17.76		
5	256QAM	1	12	17.69	17.65	17.72	19	3.2
5	256QAM	1	24	17.71	17.76	17.71		
5	256QAM	12	0	17.59	17.55	17.54		
5	256QAM	12	7	17.69	17.72	17.73	19	3.2
5	256QAM	12	13	17.73	17.76	17.74		
5	256QAM	25	0	17.75	17.72	17.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.75	21.97	21.75	23.2	0
20	QPSK	1	49	21.77	21.75	21.80		
20	QPSK	1	99	21.82	21.82	21.76		
20	QPSK	50	0	21.58	21.75	21.53		
20	QPSK	50	24	21.61	21.58	21.58	23	0.2
20	QPSK	50	50	21.60	21.67	21.50		
20	QPSK	100	0	20.69	21.60	21.55		
20	16QAM	1	0	21.68	21.67	21.48		
20	16QAM	1	49	21.59	21.58	21.45	23	0.2
20	16QAM	1	99	21.58	21.53	21.62		
20	16QAM	50	0	20.55	20.76	20.53		
20	16QAM	50	24	20.60	20.50	20.64	22	1.2
20	16QAM	50	50	20.56	20.59	20.54		
20	16QAM	100	0	20.56	20.62	20.60		
20	64QAM	1	0	20

Band 2 Ant 3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.67	21.80	21.69		
20	QPSK	1	49	21.73	21.71	21.72	23.1	0
20	QPSK	1	99	21.71	21.74	21.73		
20	QPSK	50	0	21.62	21.72	21.60		
20	QPSK	50	24	21.62	21.56	21.63	23	0.1
20	QPSK	50	50	21.59	21.55	21.61		
20	QPSK	100	0	21.58	21.61	21.58		
20	16QAM	1	0	21.53	21.55	21.66		
20	16QAM	1	49	21.47	21.64	21.60	23	0.1
20	16QAM	1	99	21.75	21.53	21.62		
20	16QAM	50	0	20.63	20.61	20.63		
20	16QAM	50	24	20.62	20.63	20.58	22	1.1
20	16QAM	50	50	20.71	20.64	20.60		
20	16QAM	100	0	20.66	20.79	20.70		
20	64QAM	1	0	20.58	20.63	20.61		
20	64QAM	1	49	20.51	20.61	20.52	22	1.1
20	64QAM	1	99	20.68	20.62	20.60		
20	64QAM	50	0	19.55	19.58	19.56		
20	64QAM	50	24	19.59	19.65	19.56	21	2.1
20	64QAM	50	50	19.69	19.57	19.55		
20	64QAM	100	0	19.64	19.67	19.58		
20	256QAM	1	0	17.53	17.57	17.64		
20	256QAM	1	49	17.62	17.63	17.56	19	4.1
20	256QAM	1	99	17.56	17.58	17.56		
20	256QAM	50	0	17.70	17.66	17.58		
20	256QAM	50	24	17.59	17.62	17.62	19	4.1
20	256QAM	50	50	17.65	17.61	17.63		
20	256QAM	100	0	17.70	17.55	17.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.60	21.66	21.60		
15	QPSK	1	37	21.65	21.57	21.68	23.1	0
15	QPSK	1	74	21.66	21.60	21.63		
15	QPSK	36	0	21.57	21.59	21.47		
15	QPSK	36	20	21.55	21.45	21.58	23	0.1
15	QPSK	36	39	21.54	21.41	21.51		
15	QPSK	75	0	21.49	21.49	21.47		
15	16QAM	1	0	21.39	21.43	21.57		
15	16QAM	1	37	21.35	21.60	21.46	23	0.1
15	16QAM	1	74	21.67	21.48	21.58		
15	16QAM	36	0	20.51	20.50	20.51		
15	16QAM	36	20	20.47	20.58	20.45	22	1.1
15	16QAM	36	39	20.66	20.53	20.54		
15	16QAM	75	0	20.54	20.69	20.65		
15	64QAM	1	0	20.63	20.53	20.51		
15	64QAM	1	37	20.37	20.48	20.46	22	1.1
15	64QAM	1	74	20.60	20.47	20.56		
15	64QAM	36	0	19.43	19.53	19.44		
15	64QAM	36	20	19.50	19.57	19.52	21	2.1
15	64QAM	36	39	19.57	19.44	19.51		
15	64QAM	75	0	19.59	19.62	19.45		
15	256QAM	1	0	17.43	17.50	17.56		
15	256QAM	1	37	17.51	17.55	17.43	19	4.1
15	256QAM	1	74	17.46	17.48	17.42		
15	256QAM	36	0	17.57	17.52	17.50		
15	256QAM	36	20	17.51	17.57	17.47	19	4.1
15	256QAM	36	39	17.52	17.49	17.50		
15	256QAM	75	0	17.54	17.46	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.59	21.67	21.60		
10	QPSK	1	25	21.58	21.63	21.63	23.1	0
10	QPSK	1	49	21.58	21.61	21.66		
10	QPSK	25	0	21.46	21.58	21.50		
10	QPSK	25	12	21.55	21.47	21.52	23	0.1
10	QPSK	25	25	21.53	21.39	21.45		
10	QPSK	50	0	21.49	21.50	21.45		
10	16QAM	1	0	21.42	21.47	21.56		
10	16QAM	1	25	21.32	21.58	21.52	23	0.1
10	16QAM	1	49	21.62	21.44	21.47		
10	16QAM	25	0	20.54	20.52	20.53		
10	16QAM	25	12	20.54	20.53	20.46	22	1.1
10	16QAM	25	25	20.60	20.49	20.48		
10	16QAM	50	0	20.52	20.63	20.66		
10	64QAM	1	0	20.61	20.52	20.45		
10	64QAM	1	25	20.35	20.56	20.40	22	1.1
10	64QAM	1	49	20.57	20.49	20.55		
10	64QAM	25	0	19.43	19.43	19.41		
10	64QAM	25	12	19.47	19.60	19.42	21	2.1
10	64QAM	25	25	19.54	19.43	19.45		
10	64QAM	50	0	19.60	19.59	19.53		
10	256QAM	1	0	17.38	17.50	17.49		
10	256QAM	1	25	17.55	17.55	17.52	19	4.1
10	256QAM	1	49	17.49	17.45	17.49		
10	256QAM	25	0	17.63	17.60	17.48		
10	256QAM	25	12	17.53	17.49	17.57	19	4.1
10	256QAM	25	25	17.50	17.46	17.51		
10	256QAM	50	0	17.63	17.44	17.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.61	21.72	21.57		
5	QPSK	1	12	21.68	21.63	21.67	23.1	0
5	QPSK	1	24	21.59	21.67	21.64		
5	QPSK	12	0	21.47	21.61	21.55		
5	QPSK	12	7	21.56	21.47	21.48	23	0.1
5	QPSK	12	13	21.46	21.47	21.51		
5	QPSK	25	0	21.43	21.49	21.47		
5	16QAM	1	0	21.47	21.43	21.59		
5	16QAM	1	12	21.36	21.54	21.44	23	0.1
5	16QAM	1	24	21.70	21.45	21.56		
5	16QAM	12	0	20.50	20.47	20.55		
5	16QAM	12	7	20.55	20.59	20.53	22	1.1
5	16QAM	12	13	20.57	20.51	20.54		
5	16QAM	25	0	20.51	20.66	20.65		
5	64QAM	1	0	20.61	20.52	20.56		
5	64QAM	1	12	20.42	20.54	20.38	22	1.1
5	64QAM	1	24	20.59	20.54	20.47		
5	64QAM	12	0	19.45	19.52	19.45		
5	64QAM	12	7	19.47	19.55	19.51	21	2.1
5	64QAM	12	13	19.64	19.50	19.44		
5	64QAM	25	0	19.49	19.56	19.51		
5	256QAM	1	0	17.44	17.53	17.50		
5	256QAM	1	12	17.48	17.58	17.46	19	4.1
5	256QAM	1	24	17.49	17.52	17.49		
5	256QAM	12	0	17.60	17.60	17.43		
5	256QAM	12	7	17.50	17.50	17.48	19	4.1
5	256QAM	12	13	17.54	17.48	17.54		
5	256QAM	25	0	17.62	17.50	17.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.54	21.76	21.62		
3	QPSK	1	8	21.68	21.63	21.66	23.1	0
3	QPSK	1	14	21.63	21.63	21.61		
3	QPSK	8	0	21.53	21.59	21.49		
3	QPSK	8	4	21.56	21.43	21.59	23	0.1
3	QPSK	8	7	21.45	21.43	21.46		
3	QPSK	15	0	21.42	21.56	21.48		
3	16QAM	1	0	21.48	21.41	21.56		
3	16QAM	1	8	21.40	21.54	21.55	23	0.1
3	16QAM	1	14	21.63	21.42	21.56		
3	16QAM	8	0	20.56	20.47	20.55		
3	16QAM	8	4	20.52	20.53	20.48	22	1.1
3	16QAM	8	7	20.63	20.52	20.46		
3	16QAM	15	0	20.60	20.67	20.63		
3	64QAM	1	0	20.61	20.55	20.54		
3	64QAM	1	8	20.42	20.47	20.36	22	1.1
3	64QAM	1	14	20.57	20.48	20.53		
3	64QAM	8	0	19.42	19.50	19.49		
3	64QAM	8	4	19.53	19.50	19.41	21	2.1
3	64QAM	8	7	19.58	19.50	19.42		
3	64QAM	15	0	19.52	19.51	19.45		
3	256QAM	1	0	17.38	17.42	17.48		
3	256QAM	1	8	17.47	17.54	17.50	19	4.1
3	256QAM	1	14	17.49	17.53	17.48		
3	256QAM	8	0	17.62	17.52	17.43		
3	256QAM	8	4	17.51	17.49	17.55	19	4.1
3	256QAM	8	7	17.61	17.55	17.50		
3	256QAM	15	0	17.66	17.46	17.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.56	21.61	21.64		
1.4	QPSK	1	3	21.52	21.60	21.64		
1.4	QPSK	1	5	21.70	21.64	21.64	23.1	0
1.4	QPSK	3	0	21.54	21.47	21.45		
1.4	QPSK	3	1	21.51	21.49	21.51		
1.4	QPSK	3	3	21.47	21.43	21.55		
1.4	QPSK	6	0	21.46	21.55	21.53	23	0.1
1.4	16QAM	1	0	21.40	21.48	21.48		
1.4	16QAM	1	3	21.44	21.54	21.57		
1.4	16QAM	1	5	21.68	21.49	21.46	23	0.1
1.4	16QAM	3	0	21.60	21.66	21.61		
1.4	16QAM	3	1	21.50	21.62	21.53		
1.4	16QAM	3	3	21.64	21.62	21.65		
1.4	16QAM	6	0	20.68	20.67	20.66	22	1.1
1.4	64QAM	1	0	20.63	20.63	20.67		
1.4	64QAM	1	3	20.58	20.60	20.59		
1.4	64QAM	1	5	20.54	20.53	20.52	22	1.1
1.4	64QAM	3	0	20.52	20.56	20.47		
1.4	64QAM	3	1	20.60	20.47	20.50		
1.4	64QAM	3	3	20.56	20.54	20.44		
1.4	64QAM	6	0	19.69	19.62	19.51	21	2.1
1.4	256QAM	1	0	17.65	17.68	17.57		
1.4	256QAM	1	3	17.59	17.66	17.62		
1.4	256QAM	1	5	17.56	17.56	17.64	19	4.1
1.4	256QAM	3	0	17.52	17.59	17.56		
1.4	256QAM	3	1	17.49	17.51	17.41		
1.4	256QAM	3	3	17.49	17.40	17.55		
1.4	256QAM	6	0	17.58	17.51	17.47	19	4.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.62	22.66	22.60		
20	QPSK	1	49	22.57	22.62	22.58	23.8	0
20	QPSK	1	99	22.53	22.58	22.57		
20	QPSK	50	0	21.64	21.72	21.66		
20	QPSK	50	24	21.59	21.59	21.58	23	0.8
20	QPSK	50	50	21.52	21.53	21.62		
20	QPSK	100	0	21.65	21.70	21.63		
20	16QAM	1	0	21.68	21.69	21.61		
20	16QAM	1	49	21.59	21.59	21.58	23	0.8
20	16QAM	1	99	21.50	21.60	21.56		
20	16QAM	50	0	20.63	20.67	20.65		
20	16QAM	50	24	20.57	20.62	20.55	22	1.8
20	16QAM	50	50	20.52	20.56	20.66		
20	16QAM	100	0	20.67	20.71	20.63		
20	64QAM	1	0	20.66	20.73	20.61		
20	64QAM	1	49	20.56	20.56	20.55	22	1.8
20	64QAM	1	99	20.48	20.64	20.61		
20	64QAM	50	0	19.64	19.66	19.69		
20	64QAM	50	24	19.59	19.61	19.59	21	2.8
20	64QAM	50	50	19.47	19.51	19.64		
20	64QAM	100	0	19.66	19.69	19.63		
20	256QAM	1	0	17.63	17.69	17.69		
20	256QAM	1	49	17.62	17.53	17.54	19	4.8
20	256QAM	1	99	17.55	17.47	17.56		
20	256QAM	50	0	17.71	17.74	17.64		
20	256QAM	50	24	17.69	17.73	17.59	19	4.8
20	256QAM	50	50	17.65	17.63	17.62		
20	256QAM	100	0	17.44	17.66	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.55	22.62	22.58		
15	QPSK	1	37	22.54	22.54	22.49	23.8	0
15	QPSK	1	74	22.46	22.49	22.50		
15	QPSK	36	0	21.56	21.67	21.61		
15	QPSK	36	20	21.53	21.48	21.44	23	0.8
15	QPSK	36	39	21.39	21.40	21.53		
15	QPSK	75	0	21.59	21.65	21.54		
15	16QAM	1	0	21.58	21.63	21.51		
15	16QAM	1	37	21.48	21.53	21.50	23	0.8
15	16QAM	1	74	21.48	21.49	21.51		
15	16QAM	36	0	20.59	20.57	20.63		
15	16QAM	36	20	20.53	20.54	20.46	22	1.8
15	16QAM	36	39	20.46	20.50	20.60		
15	16QAM	75	0	20.63	20.63	20.53		
15	64QAM	1	0	20.63	20.65	20.57		
15	64QAM	1	37	20.42	20.43	20.49	22	1.8
15	64QAM	1	74	20.40	20.54	20.55		
15	64QAM	36	0	19.52	19.63	19.63		
15	64QAM	36	20	19.52	19.54	19.49	21	2.8
15	64QAM	36	39	19.33	19.41	19.58		
15	64QAM	75	0	19.57	19.58	19.53		
15	256QAM	1	0	17.57	17.60	17.63		
15	256QAM	1	37	17.56	17.44	17.52	19	4.8
15	256QAM	1	74	17.43	17.39	17.42		
15	256QAM	36	0	17.59	17.61	17.52		
15	256QAM	36	20	17.58	17.63	17.54	19	4.8
15	256QAM	36	39	17.56	17.60	17.54		
15	256QAM	75	0	17.37	17.57	17.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.50	22.55	22.54		
10	QPSK	1	25	22.47	22.51	22.49	23.8	0
10	QPSK	1	49	22.51	22.51	22.50		
10	QPSK	25	0	21.60	21.59	21.63		
10	QPSK	25	12	21.49	21.47	21.47	23	0.8
10	QPSK	25	25	21.42	21.46	21.49		
10	QPSK	50	0	21.55	21.56	21.56		
10	16QAM	1	0	21.65	21.63	21.55		
10	16QAM	1	25	21.52	21.48	21.53	23	0.8
10	16QAM	1	49	21.41	21.47	21.51		
10	16QAM	25	0	20.55	20.63	20.62		
10	16QAM	25	12	20.49	20.60	20.49	22	1.8
10	16QAM	25	25	20.44	20.46	20.59		
10	16QAM	50	0	20.56	20.68	20.52		
10	64QAM	1	0	20.52	20.60	20.49		
10	64QAM	1	25	20.52	20.48	20.53	22	1.8
10	64QAM	1	49	20.43	20.61	20.49		
10	64QAM	25	0	19.57	19.56	19.62		
10	64QAM	25	12	19.53	19.57	19.46	21	2.8
10	64QAM	25	25	19.38	19.44	19.54		
10	64QAM	50	0	19.56	19.64	19.52		
10	256QAM	1	0	17.54	17.58	17.66		
10	256QAM	1	25	17.58	17.51	17.47	19	4.8
10	256QAM	1	49	17.44	17.40	17.52		
10	256QAM	25	0	17.68	17.66	17.56		
10	256QAM	25	12	17.61	17.71	17.49	19	4.8
10	256QAM	25	25	17.56	17.55	17.52		
10	256QAM	50	0	17.32	17.60	17.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.55	22.56		
5	QPSK	1	12	22.54	22.59	22.47	23.8	0
5	QPSK	1	24	22.43	22.54	22.54		
5	QPSK	12	0	21.50	21.59	21.62		
5	QPSK	12	7	21.48	21.55	21.47	23	0.8
5	QPSK	12	13	21.43	21.44	21.52		
5	QPSK	25	0	21.53	21.57	21.60		
5	16QAM	1	0	21.63	21.61	21.48		
5	16QAM	1	12	21.47	21.54	21.55	23	0.8
5	16QAM	1	24	21.47	21.52	21.46		
5	16QAM	12	0	20.54	20.59	20.56		
5	16QAM	12	7	20.47	20.52	20.44	22	1.8
5	16QAM	12	13	20.45	20.48	20.56		
5	16QAM	25	0	20.54	20.60	20.54		
5	64QAM	1	0	20.52	20.62	20.50		
5	64QAM	1	12	20.48	20.49	20.47	22	1.8
5	64QAM	1	24	20.45	20.58	20.58		
5	64QAM	12	0	19.52	19.53	19.63		
5	64QAM	12	7	19.50	19.49	19.54	21	2.8
5	64QAM	12	13	19.44	19.44	19.60		
5	64QAM	25	0	19.55	19.56	19.52		
5	256QAM	1	0	17.52	17.57	17.62		
5	256QAM	1	12	17.53	17.41	17.51	19	4.8
5	256QAM	1	24	17.45	17.34	17.52		
5	256QAM	12	0	17.64	17.67	17.61		
5	256QAM	12	7	17.59	17.66	17.55	19	4.8
5	256QAM	12	13	17.60	17.49	17.50		
5	256QAM	25	0	17.33	17.59	17.54		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.64	22.49		
3	QPSK	1	8	22.45	22.55	22.47	23.8	0
3	QPSK	1	14	22.45	22.47	22.43		
3	QPSK	8	0	21.60	21.70	21.61		
3	QPSK	8	4	21.52	21.47	21.55	23	0.8
3	QPSK	8	7	21.41	21.46	21.51		
3	QPSK	15	0	21.55	21.62	21.58		
3	16QAM	1	0	21.65	21.57	21.53		
3	16QAM	1	8	21.50	21.57	21.48	23	0.8
3	16QAM	1	14	21.38	21.50	21.44		
3	16QAM	8	0	20.58	20.58	20.54		
3	16QAM	8	4	20.48	20.51	20.48	22	1.8
3	16QAM	8	7	20.41	20.47	20.59		
3	16QAM	15	0	20.54	20.58	20.61		
3	64QAM	1	0	20.53	20.63	20.57		
3	64QAM	1	8	20.51	20.47	20.42	22	1.8
3	64QAM	1	14	20.34	20.59	20.51		
3	64QAM	8	0	19.52	19.60	19.60		
3	64QAM	8	4	19.54	19.49	19.46	21	2.8
3	64QAM	8	7	19.40	19.41	19.53		
3	64QAM	15	0	19.54	19.63	19.58		
3	256QAM	1	0	17.55	17.60	17.66		
3	256QAM	1	8	17.51	17.44	17.44	19	4.8
3	256QAM	1	14	17.51	17.45	17.43		
3	256QAM	8	0	17.61	17.62	17.53		
3	256QAM	8	4	17.58	17.60	17.47	19	4.8
3	256QAM	8	7	17.61	17.57	17.49		
3	256QAM	15	0	17.37	17.60	17.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.55	22.63	22.53		
1.4	QPSK	1	3	22.48	22.59	22.45		
1.4	QPSK	1	5	22.46	22.49	22.55	23.8	0
1.4	QPSK	3	0	22.46	22.60	22.48		
1.4	QPSK	3	1	22.45	22.57	22.43		
1.4	QPSK	3	3	22.27	22.41	22.50		
1.4	QPSK	6	0	21.54	21.56	21.58	23.7	0.1
1.4	16QAM	1	0	21.58	21.66	21.49		
1.4	16QAM	1	3	21.49	21.49	21.48		
1.4	16QAM	1	5	21.41	21.54	21.47	23.7	0.1
1.4	16QAM	3	0	21.47	21.44	21.45		
1.4	16QAM	3	1	21.51	21.63	21.41		
1.4	16QAM	3	3	21.41	21.41	21.45		
1.4	16QAM	6	0	20.58	20.57	20.56	22.7	1.1
1.4	64QAM	1	0	20.63	20.71	20.56		
1.4	64QAM	1	3	20.50	20.46	20.51		
1.4	64QAM	1	5	20.38	20.62	20.58	22.7	1.1
1.4	64QAM	3	0	20.52	20.54	20.46		
1.4	64QAM	3	1	20.61	20.64	20.45		
1.4	64QAM	3	3	20.39	20.44	20.43		
1.4	64QAM	6	0	19.54	19.63	19.51	21.7	2.1
1.4	256QAM	1	0	17.55	17.61	17.61		
1.4	256QAM	1	3	17.56	17.40	17.44		
1.4	256QAM	1	5	17.46	17.46	17.52	19.7	4.1
1.4	256QAM	3	0	17.58	17.68	17.57		
1.4	256QAM	3	1	17.56	17.65	17.54		
1.4	256QAM	3	3	17.60	17.58	17.53		
1.4	256QAM	6	0	17.41	17.54	17.53	19.7	4.1

Reduced Power Mode for DSI 11_Other Path

Band 2 Ant 0 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1850	1880	1910		
20	QPSK	1	0	22.07	22.10	22.03		
20	QPSK	1	49	22.00	22.08	21.89	23	0
20	QPSK	1	99	21.94	22.06	21.97		
20	QPSK	50	0	21.06	21.15	21.01		
20	QPSK	50	24	20.95	21.11	20.85	22	1
20	QPSK	50	50	20.89	21.03	20.95		
20	QPSK	100	0	21.03	21.14	21.07		
20	16QAM	1	0	21.10	21.12	21.07		
20	16QAM	1	49	20.99	21.09	20.94	22	1
20	16QAM	1	99	20.96	21.08	21.03		
20	16QAM	50	0	20.01	20.17	19.98		
20	16QAM	50	24	19.91	20.16	19.84	21	2
20	16QAM	50	50	19.86	20.02	19.91		
20	16QAM	100	0	20.04	20.19	20.11		
20	64QAM	1	0	20.07	20.15	20.12		
20	64QAM	1	49	20.01	20.06	20.03	21	2
20	64QAM	1	99	19.92	20.08	20.01		
20	64QAM	50	0	19.11	19.15	19.03		
20	64QAM	50	24	18.98	19.16	18.86	20	3
20	64QAM	50	50	18.87	18.98	18.92		
20	64QAM	100	0	19.09	19.17	19.08		
20	256QAM	1	0	17.07	17.11	17.01		
20	256QAM	1	49	17.00	17.06	16.84	18	5
20	256QAM	1	99	16.93	16.98	16.95		
20	256QAM	50	0	17.08	17.11	17.13		
20	256QAM	50	24	17.12	17.08	17.12	18	5
20	256QAM	50	50	17.04	17.14	16.96		
20	256QAM	100	0	16.98	17.07	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.01	22.05	21.94		
15	QPSK	1	37	21.87	21.96	21.79	23	0
15	QPSK	1	74	21.87	22.02	21.93		
15	QPSK	36	0	20.94	21.13	20.90		
15	QPSK	36	20	20.91	21.07	20.76	22	1
15	QPSK	36	39	20.84	20.91	20.87		
15	QPSK	75	0	20.98	21.02	21.02		
15	16QAM	1	0	21.04	21.12	21.03		
15	16QAM	1	37	20.93	21.00	20.84	22	1
15	16QAM	1	74	20.90	21.01	20.89		
15	16QAM	36	0	19.88	20.13	19.86		
15	16QAM	36	20	19.81	20.03	19.73	21	2
15	16QAM	36	39	19.77	19.98	19.79		
15	16QAM	75	0	19.93	20.09	20.07		
15	64QAM	1	0	20.01	20.04	20.01		
15	64QAM	1	37	19.97	19.98	19.87	21	2
15	64QAM	1	74	19.79	19.96	19.93		
15	64QAM	36	0	19.08	19.04	19.00		
15	64QAM	36	20	18.93	19.06	18.80	20	3
15	64QAM	36	39	18.74	18.96	18.89		
15	64QAM	75	0	18.96	19.09	18.99		
15	256QAM	1	0	17.00	17.02	16.88		
15	256QAM	1	37	16.91	16.94	16.72	18	5
15	256QAM	1	74	16.88	16.84	16.87		
15	256QAM	36	0	17.03	17.06	17.01		
15	256QAM	36	20	17.06	17.01	17.07	18	5
15	256QAM	36	39	17.00	17.11	16.84		
15	256QAM	75	0	16.90	17.04	17.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.99	22.01	22.00		
10	QPSK	1	25	21.96	22.02	21.76	23	0
10	QPSK	1	49	21.80	22.03	21.88		
10	QPSK	25	0	20.96	21.05	20.98		
10	QPSK	25	12	20.90	21.06	20.83	22	1
10	QPSK	25	25	20.86	20.89	20.84		
10	QPSK	50	0	20.98	21.04	20.96		
10	16QAM	1	0	20.96	21.07	21.04		
10	16QAM	1	25	20.92	21.04	20.82	22	1
10	16QAM	1	49	20.86	21.05	20.97		
10	16QAM	25	0	19.92	20.04	19.90		
10	16QAM	25	12	19.85	20.07	19.77	21	2
10	16QAM	25	25	19.76	19.96	19.82		
10	16QAM	50	0	20.00	20.09	20.06		
10	64QAM	1	0	20.04	20.05	20.04		
10	64QAM	1	25	19.90	19.97	19.82	21	2
10	64QAM	1	49	19.83	20.04	19.94		
10	64QAM	25	0	18.97	19.04	18.95		
10	64QAM	25	12	18.86	19.01	18.74	20	3
10	64QAM	25	25	18.81	18.95	18.82		
10	64QAM	50	0	18.96	19.04	19.03		
10	256QAM	1	0	16.97	16.99	16.93		
10	256QAM	1	25	16.96	16.97	16.75	18	5
10	256QAM	1	49	16.91	16.90	16.93		
10	256QAM	25	0	16.98	17.02	17.00		
10	256QAM	25	12	17.05	16.99	17.04	18	5
10	256QAM	25	25	16.95	17.07	16.89		
10	256QAM	50	0	16.92	16.94	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.07	22.00		
5	QPSK	1	12	21.92	21.94	21.83	23	0
5	QPSK	1	24	21.91	22.04	21.90		
5	QPSK	12	0	20.98	21.05	20.91		
5	QPSK	12	7	20.87	21.02	20.76	22	1
5	QPSK	12	13	20.85	20.92	20.91		
5	QPSK	25	0	20.99	21.07	21.03		
5	16QAM	1	0	20.99	21.04	20.97		
5	16QAM	1	12	20.88	21.05	20.90	22	1
5	16QAM	1	24	20.90	20.98	20.88		
5	16QAM	12	0	19.91	20.12	19.92		
5	16QAM	12	7	19.85	20.04	19.75	21	2
5	16QAM	12	13	19.73	19.98	19.79		
5	16QAM	25	0	19.97	20.08	20.00		
5	64QAM	1	0	19.93	20.06	19.99		
5	64QAM	1	12	19.98	20.04	19.84	21	2
5	64QAM	1	24	19.81	20.02	19.96		
5	64QAM	12	0	19.07	19.15	19.07		
5	64QAM	12	7	18.95	19.04	18.80	20	3
5	64QAM	12	13	18.82	18.89	18.85		
5	64QAM	25	0	18.99	19.07	18.96		
5	256QAM	1	0	17.02	17.05	16.88		
5	256QAM	1	12	16.94	17.01	16.72	18	5
5	256QAM	1	24	16.82	16.88	16.83		
5	256QAM	12	0	16.97	17.00	17.03		
5	256QAM	12	7	17.00	16.97	17.01	18	5
5	256QAM	12	13	16.99	17.03	16.82		
5	256QAM	25	0	16.85	16.95	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	21.99	21.95		
3	QPSK	1	8	21.91	22.00	21.76	23	0
3	QPSK	1	14	21.86	21.98	21.93		
3	QPSK	8	0	21.01	21.10	20.88		
3	QPSK	8	4	20.88	21.07	20.79	22	1
3	QPSK	8	7	20.87	20.91	20.92		
3	QPSK	15	0	20.95	21.07	20.99		
3	16QAM	1	0	20.97	21.06	21.04		
3	16QAM	1	8	20.89	21.04	20.81	22	1
3	16QAM	1	14	20.89	21.04	20.96		
3	16QAM	8	0	19.90	20.13	19.96		
3	16QAM	8	4	19.82	20.04	19.73	21	2
3	16QAM	8	7	19.75	19.98	19.80		
3	16QAM	15	0	20.01	20.10	20.06		
3	64QAM	1	0	19.98	20.07	20.02		
3	64QAM	1	8	19.90	19.96	19.86	21	2
3	64QAM	1	14	19.80	20.04	19.99		
3	64QAM	8	0	19.08	19.03	19.00		
3	64QAM	8	4	18.92	19.07	18.72	20	3
3	64QAM	8	7	18.79	18.92	18.82		
3	64QAM	15	0	19.06	19.09	18.94		
3	256QAM	1	0	16.96	16.99	16.92		
3	256QAM	1	8	16.91	16.93	16.71	18	5
3	256QAM	1	14	16.91	16.96	16.89		
3	256QAM	8	0	16.96	17.01	17.07		
3	256QAM	8	4	17.02	17.03	17.08	18	5
3	256QAM	8	7	16.95	17.05	16.94		
3	256QAM	15	0	16.87	16.96	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.03	22.06	21.95		
1.4	QPSK	1	3	21.89	21.99	21.80		
1.4	QPSK	1	5	21.84	22.04	21.90	23	0
1.4	QPSK	3	0	21.97	22.01	21.89		
1.4	QPSK	3	1	21.78	21.85	21.76		
1.4	QPSK	3	3	21.75	22.00	21.85		
1.4	QPSK	6	0	20.98	21.12	21.01	22	1
1.4	16QAM	1	0	20.98	21.03	21.03		
1.4	16QAM	1	3	20.95	21.02	20.88		
1.4	16QAM	1	5	20.93	20.98	20.99	22	1
1.4	16QAM	3	0	20.89	21.08	20.98		
1.4	16QAM	3	1	20.85	20.98	20.90		
1.4	16QAM	3	3	20.90	20.93	20.85		
1.4	16QAM	6	0	20.01	20.14	19.99	21	2
1.4	64QAM	1	0	19.95	20.05	20.02		
1.4	64QAM	1	3	19.95	19.97	19.81		
1.4	64QAM	1	5	19.81	20.05	19.92	21	2
1.4	64QAM	3	0	19.92	20.09	19.97		
1.4	64QAM	3	1	19.88	19.96	19.94		
1.4	64QAM	3	3	19.84	19.86	19.71		
1.4	64QAM	6	0	19.07	19.08	18.99	20	3
1.4	256QAM	1	0	16.94	17.01	16.97		
1.4	256QAM	1	3	16.97	17.03	16.81		
1.4	256QAM	1	5	16.81	16.86	16.91	18	5
1.4	256QAM	3	0	17.03	17.02	17.07		
1.4	256QAM	3	1	17.08	17.01	17.03		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.90	17.02	17.00	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.78	22.70		
10	QPSK	1	25	22.72	22.71	22.62	24	0
10	QPSK	1	49	22.63	22.67	22.56		
10	QPSK	25	0	21.78	21.84	21.68		
10	QPSK	25	12	21.75	21.74	21.58	23	1
10	QPSK	25	25	21.69	21.62	21.54		
10	QPSK	50	0	21.78	21.80	21.65		
10	16QAM	1	0	21.69	21.78	21.72		
10	16QAM	1	25	21.72	21.73	21.59	23	1
10	16QAM	1	49	21.61	21.66	21.52		
10	16QAM	25	0	20.69	20.86	20.71		
10	16QAM	25	12	20.78	20.75	20.58	22	2
10	16QAM	25	25	20.69	20.63	20.54		
10	16QAM	50	0	20.73	20.74	20.66		
10	64QAM	1	0	20.67	20.73	20.77		
10	64QAM	1	25	20.72	20.68	20.53	22	2
10	64QAM	1	49	20.57	20.63	20.58		
10	64QAM	25	0	19.69	19.81	19.64		
10	64QAM	25	12	19.74	19.77	19.58	21	3
10	64QAM	25	25	19.74	19.63	19.56		
10	64QAM	50	0	19.84	19.76	19.61		
10	256QAM	1	0	17.64	17.79	17.72		
10	256QAM	1	25	17.78	17.75	17.54	19	5
10	256QAM	1	49	17.71	17.62	17.51		
10	256QAM	25	0	17.84	17.83	17.61		
10	256QAM	25	12	17.71	17.77	17.69	19	5
10	256QAM	25	25	17.75	17.72	17.64		
10	256QAM	50	0	17.57	17.61	17.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.70	22.69	22.59		
5	QPSK	1	12	22.69	22.62	22.58	24	0
5	QPSK	1	24	22.59	22.55	22.48		
5	QPSK	12	0	21.63	21.81	21.63		
5	QPSK	12	7	21.67	21.61	21.53	23	1
5	QPSK	12	13	21.63	21.55	21.40		
5	QPSK	25	0	21.73	21.67	21.52		
5	16QAM	1	0	21.64	21.74	21.62		
5	16QAM	1	12	21.63	21.64	21.47	23	1
5	16QAM	1	24	21.57	21.56	21.38		
5	16QAM	12	0	20.60	20.73	20.63		
5	16QAM	12	7	20.75	20.71	20.50	22	2
5	16QAM	12	13	20.63	20.53	20.43		
5	16QAM	25	0	20.70	20.68	20.61		
5	64QAM	1	0	20.57	20.68	20.69		
5	64QAM	1	12	20.62	20.65	20.46	22	2
5	64QAM	1	24	20.50	20.58	20.52		
5	64QAM	12	0	19.55	19.69	19.50		
5	64QAM	12	7	19.70	19.69	19.45	21	3
5	64QAM	12	13	19.65	19.56	19.44		
5	64QAM	25	0	19.79	19.66	19.56		
5	256QAM	1	0	17.57	17.74	17.60		
5	256QAM	1	12	17.68	17.66	17.49	19	5
5	256QAM	1	24	17.63	17.60	17.40		
5	256QAM	12	0	17.80	17.76	17.55		
5	256QAM	12	7	17.66	17.70	17.64	19	5
5	256QAM	12	13	17.70	17.64	17.56		
5	256QAM	25	0	17.44	17.55	17.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.60	22.65	22.59		
3	QPSK	1	8	22.60	22.58	22.49	24	0
3	QPSK	1	14	22.51	22.62	22.50		
3	QPSK	8	0	21.65	21.77	21.59		
3	QPSK	8	4	21.63	21.62	21.47	23	1
3	QPSK	8	7	21.59	21.49	21.50		
3	QPSK	15	0	21.73	21.78	21.62		
3	16QAM	1	0	21.63	21.73	21.62		
3	16QAM	1	8	21.67	21.63	21.45	23	1
3	16QAM	1	14	21.48	21.53	21.39		
3	16QAM	8	0	20.64	20.79	20.59		
3	16QAM	8	4	20.69	20.62	20.55	22	2
3	16QAM	8	7	20.60	20.55	20.48		
3	16QAM	15	0	20.64	20.70	20.59		
3	64QAM	1	0	20.56	20.60	20.65		
3	64QAM	1	8	20.63	20.58	20.51	22	2
3	64QAM	1	14	20.45	20.50	20.45		
3	64QAM	8	0	19.57	19.76	19.53		
3	64QAM	8	4	19.71	19.74	19.48	21	3
3	64QAM	8	7	19.72	19.58	19.46		
3	64QAM	15	0	19.70	19.74	19.58		
3	256QAM	1	0	17.59	17.76	17.62		
3	256QAM	1	8	17.74	17.68	17.40	19	5
3	256QAM	1	14	17.60	17.54	17.48		
3	256QAM	8	0	17.82	17.80	17.56		
3	256QAM	8	4	17.65	17.73	17.63	19	5
3	256QAM	8	7	17.66	17.68	17.52		
3	256QAM	15	0	17.51	17.51	17.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.74	22.65		
1.4	QPSK	1	3	22.62	22.68	22.51		
1.4	QPSK	1	5	22.50	22.54	22.50	24	0
1.4	QPSK	3	0	22.49	22.71	22.60		
1.4	QPSK	3	1	22.51	22.56	22.41		
1.4	QPSK	3	3	22.40	22.60	22.42		
1.4	QPSK	6	0	21.66	21.75	21.60	23	1
1.4	16QAM	1	0	21.65	21.68	21.67		
1.4	16QAM	1	3	21.59	21.64	21.51		
1.4	16QAM	1	5	21.49	21.56	21.39	23	1
1.4	16QAM	3	0	21.55	21.68	21.53		
1.4	16QAM	3	1	21.56	21.60	21.65		
1.4	16QAM	3	3	21.46	21.57	21.39		
1.4	16QAM	6	0	20.69	20.82	20.58	22	2
1.4	64QAM	1	0	20.63	20.67	20.67		
1.4	64QAM	1	3	20.63	20.65	20.47		
1.4	64QAM	1	5	20.50	20.50	20.48	22	2
1.4	64QAM	3	0	20.65	20.67	20.55		
1.4	64QAM	3	1	20.59	20.59	20.64		
1.4	64QAM	3	3	20.53	20.63	20.42		
1.4	64QAM	6	0	19.79	19.71	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.64		
1.4	256QAM	1	3	17.74	17.65	17.45		
1.4	256QAM	1	5	17.67	17.53	17.45	19	5
1.4	256QAM	3	0	17.76	17.77	17.55		
1.4	256QAM	3	1	17.68	17.74	17.56		
1.4	256QAM	3	3	17.68	17.60	17.56		
1.4	256QAM	6	0	17.46	17.52	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.91	21.03	20.85		
20	QPSK	1	49	20.90	20.98	20.90	22.2	0
20	QPSK	1	99	20.95	21.01	20.91		
20	QPSK	50	0	20.65	20.83	20.61		
20	QPSK	50	24	20.65	20.81	20.66	22	0.2
20	QPSK	50	50	20.75	20.80	20.68		
20	QPSK	100	0	20.70	20.73	20.58		
20	16QAM	1	0	20.70	20.75	20.61		
20	16QAM	1	49	20.71	20.78	20.72	22	0.2
20	16QAM	1	99	20.62	20.73	20.66		
20	16QAM	50	0	19.76	19.79	19.64		
20	16QAM	50	24	19.67	19.80	19.70	21	1.2
20	16QAM	50	50	19.70	19.82	19.68		
20	16QAM	100	0	19.70	19.68	19.63		
20	64QAM	1	0	19.72	19.80	19.59		
20	64QAM	1	49	19.69	19.74	19.70	21	1.2
20	64QAM	1	99	19.60	19.67	19.71		
20	64QAM	50	0	18.65	18.73	18.66		
20	64QAM	50	24	18.73	18.75	18.66	20	2.2
20	64QAM	50	50	18.71	18.84	18.76		
20	64QAM	100	0	18.68	18.67	18.57		
20	256QAM	1	0	16.76	16.77	16.67		
20	256QAM	1	49	16.70	16.76	16.67	18	4.2
20	256QAM	1	99	16.74	16.80	16.65		
20	256QAM	50	0	16.75	16.67	16.57		
20	256QAM	50	24	16.70	16.77	16.64	18	4.2
20	256QAM	50	50	16.68	16.81	16.69		
20	256QAM	100	0	16.59	16.65	16.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.83	20.71		
15	QPSK	1	37	20.83	20.93	20.85	22.2	0
15	QPSK	1	74	20.87	20.90	20.76		
15	QPSK	36	0	20.56	20.73	20.47		
15	QPSK	36	20	20.55	20.70	20.59	22	0.2
15	QPSK	36	39	20.68	20.65	20.58		
15	QPSK	75	0	20.64	20.58	20.53		
15	16QAM	1	0	20.65	20.68	20.57		
15	16QAM	1	37	20.64	20.66	20.61	22	0.2
15	16QAM	1	74	20.56	20.68	20.57		
15	16QAM	36	0	19.62	19.66	19.55		
15	16QAM	36	20	19.57	19.65	19.56	21	1.2
15	16QAM	36	39	19.61	19.70	19.54		
15	16QAM	75	0	19.56	19.53	19.56		
15	64QAM	1	0	19.66	19.66	19.50		
15	64QAM	1	37	19.61	19.62	19.61	21	1.2
15	64QAM	1	74	19.51	19.51	19.67		
15	64QAM	36	0	18.60	18.64	18.53		
15	64QAM	36	20	18.58	18.60	18.53	20	2.2
15	64QAM	36	39	18.55	18.75	18.63		
15	64QAM	75	0	18.61	18.52	18.44		
15	256QAM	1	0	16.61	16.63	16.55		
15	256QAM	1	37	16.66	16.69	16.63	18	4.2
15	256QAM	1	74	16.59	16.68	16.57		
15	256QAM	36	0	16.60	16.55	16.49		
15	256QAM	36	20	16.61	16.67	16.51	18	4.2
15	256QAM	36	39	16.56	16.67	16.60		
15	256QAM	75	0	16.45	16.49	16.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.77	20.90	20.75		
10	QPSK	1	25	20.79	20.85	20.77	22.2	0
10	QPSK	1	49	20.84	20.88	20.76		
10	QPSK	25	0	20.58	20.72	20.47		
10	QPSK	25	12	20.51	20.68	20.58	22	0.2
10	QPSK	25	25	20.67	20.64	20.58		
10	QPSK	50	0	20.61	20.54	20.48		
10	16QAM	1	0	20.54	20.63	20.50		
10	16QAM	1	25	20.57	20.66	20.63	22	0.2
10	16QAM	1	49	20.58	20.65	20.52		
10	16QAM	25	0	19.68	19.63	19.54		
10	16QAM	25	12	19.55	19.69	19.55	21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.07		23	0
10	QPSK	1	25		22.04			
10	QPSK	1	49		22.01			
10	QPSK	25	0		21.06		22	1
10	QPSK	25	12		21.00			
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.05		22	1
10	16QAM	1	0		21.05			
10	16QAM	1	25		21.04			
10	16QAM	1	49		20.96			
10	16QAM	25	0		20.04		21	2
10	16QAM	25	12		20.00			
10	16QAM	25	25		19.96			
10	16QAM	50	0		20.05		21	2
10	64QAM	1	0		20.07			
10	64QAM	1	25		20.03			
10	64QAM	1	49		20.01			
10	64QAM	25	0		19.10		20	3
10	64QAM	25	12		19.04			
10	64QAM	25	25		18.95			
10	64QAM	50	0		18.99			
10	256QAM	1	0		17.04		18	5
10	256QAM	1	25		17.05			
10	256QAM	1	49		17.02			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		16.98			
10	256QAM	50	0		16.91			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	22.02	21.98	23	0
5	QPSK	1	12	22.00	22.01	21.98		
5	QPSK	1	24	21.98	21.98	21.92		
5	QPSK	12	0	20.94	20.96	20.95	22	1
5	QPSK	12	7	20.93	20.94	20.89		
5	QPSK	12	13	20.96	20.97	20.86		
5	QPSK	25	0	20.92	21.02	20.97		
5	16QAM	1	0	20.99	21.00	20.91	22	1
5	16QAM	1	12	21.01	20.91	21.02		
5	16QAM	1	24	20.88	20.84	20.87		
5	16QAM	12	0	19.92	19.90	20.02	21	2
5	16QAM	12	7	19.93	19.89	19.92		
5	16QAM	12	13	19.93	19.87	19.83		
5	16QAM	25	0	19.95	20.00	19.96		
5	64QAM	1	0	19.95	20.01	19.94	21	2
5	64QAM	1	12	19.97	19.94	19.92		
5	64QAM	1	24	19.91	19.93	19.93		
5	64QAM	12	0	18.98	19.06	19.00	20	3
5	64QAM	12	7	18.99	19.01	18.99		
5	64QAM	12	13	18.89	18.82	18.86		
5	64QAM	25	0	18.95	18.89	18.90		
5	256QAM	1	0	16.94	16.95	16.95	18	5
5	256QAM	1	12	17.00	17.02	16.93		
5	256QAM	1	24	16.88	16.94	16.97		
5	256QAM	12	0	16.98	17.06	17.03	18	5
5	256QAM	12	7	17.04	17.04	17.02		
5	256QAM	12	13	16.91	16.87	16.85		
5	256QAM	25	0	16.84	16.89	16.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.50		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.45			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.42			
10	QPSK	50	0		21.54		23	1
10	16QAM	1	0		21.52			
10	16QAM	1	25		21.48			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.38			
10	16QAM	50	0		20.57		22	2
10	64QAM	1	0		20.52			
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.55			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.52			
10	64QAM	25	25		19.45			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.49			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.53			
10	256QAM	25	25		17.44			
10	256QAM	50	0		17.47			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.42	22.48	22.44	24	0
5	QPSK	1	12	22.38	22.44	22.36		
5	QPSK	1	24	22.40	22.41	22.36		
5	QPSK	12	0	21.42	21.46	21.43	23	1
5	QPSK	12	7	21.45	21.41	21.41		
5	QPSK	12	13	21.34	21.35	21.33		
5	QPSK	25	0	21.46	21.49	21.51		
5	16QAM	1	0	21.39	21.45	21.48	23	1
5	16QAM	1	12	21.42	21.43	21.43		
5	16QAM	1	24	21.42	21.39	21.43		
5	16QAM	12	0	20.43	20.44	20.37	22	2
5	16QAM	12	7	20.41	20.45	20.33		
5	16QAM	12	13	20.26	20.27	20.31		
5	16QAM	25	0	20.48	20.52	20.44		
5	64QAM	1	0	20.45	20.42	20.41	22	2
5	64QAM	1	12	20.40	20.48	20.49		
5	64QAM	1	24	20.49	20.47	20.42		
5	64QAM	12	0	19.38	19.42	19.41	21	3
5	64QAM	12	7	19.45	19.44	19.42		
5	64QAM	12	13	19.33	19.34	19.42		
5	64QAM	25	0	19.48	19.47	19.42		
5	256QAM	1	0	17.49	17.54	17.48	19	5
5	256QAM	1	12	17.40	17.44	17.36		
5	256QAM	1	24	17.40	17.42	17.43		
5	256QAM	12	0	17.42	17.39	17.49	19	5
5	256QAM	12	7	17.44	17.43	17.46		
5	256QAM	12	13	17.37	17.36	17.35		
5	256QAM	25	0	17.36	17.43	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.58		23.7	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.53			
10	QPSK	25	0		21.62		23	0.7
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.57			
10	QPSK	50	0		21.59		23	0.7
10	16QAM	1	0		21.56			
10	16QAM	1	25		21.53			
10	16QAM	1	49		21.51			
10	16QAM	25	0		20.66		22	1.7
10	16QAM	25	12		20.47			
10	16QAM	25	25		20.54			
10	16QAM	50	0		20.62		22	1.7
10	64QAM	1	0		20.55			
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.46			
10	64QAM	25	0		19.64		21	2.7
10	64QAM	25	12		19.51			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.58			
10	256QAM	1	0		17.56		19	4.7
10	256QAM	1	25		17.51			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.60		19	4.7
10	256QAM	25	12		17.50			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.53			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.53	22.54	22.50	23.7	0
5	QPSK	1	12	22.42	22.49	22.45		
5	QPSK	1	24	22.51	22.49	22.51		
5	QPSK	12	0	21.49	21.50	21.49	23	0.7
5	QPSK	12	7	21.48	21.39	21.48		
5	QPSK	12	13	21.46	21.43	21.48		
5	QPSK	25	0	21.47	21.50	21.52		
5	16QAM	1	0	21.44	21.50	21.42	23	0.7
5	16QAM	1	12	21.50	21.42	21.51		
5	16QAM	1	24	21.38	21.47	21.48		
5	16QAM	12	0	20.55	20.58	20.60	22	1.7
5	16QAM	12	7	20.35	20.36	20.37		
5	16QAM	12	13	20.48	20.41	20.45		
5	16QAM	25	0	20.53	20.49	20.53		
5	64QAM	1	0	20.51	20.45	20.45	22	1.7
5	64QAM	1	12	20.39	20.48	20.42		
5	64QAM	1	24	20.35	20.33	20.36		
5	64QAM	12	0	19.52	19.57	19.53	21	2.7
5	64QAM	12	7	19.48	19.48	19.43		
5	64QAM	12	13	19.56	19.53	19.51		
5	64QAM	25	0	19.46	19.51	19.55		
5	256QAM	1	0	17.48	17.44	17.49	19	4.7
5	256QAM	1	12	17.38	17.37	17.48		
5	256QAM	1	24	17.44	17.49	17.47		
5	256QAM	12	0	17.47	17.52	17.58	19	4.7
5	256QAM	12	7	17.45	17.46	17.39		
5	256QAM	12	13	17.50	17.46	17.47		
5	256QAM	25	0	17.48	17.45	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.25	22.31	22.26	24	0
20	QPSK	1	49	22.15	22.28	22.17		
20	QPSK	1	99	22.17	22.25	22.18		
20	QPSK	50	0	21.28	21.34	21.22	23	1
20	QPSK	50	24	21.17	21.28	21.18		
20	QPSK	50	50	21.14	21.26	21.19		
20	QPSK	100	0	21.30	21.31	21.21		
20	16QAM	1	0	21.24	21.28	21.29	23	1
20	16QAM	1	49	21.15	21.23	21.11		
20	16QAM	1	99	21.13	21.21	21.16		
20	16QAM	50	0	20.27	20.33	20.21	22	2
20	16QAM	50	24	20.23	20.29	20.17		
20	16QAM	50	50	20.10	20.24	20.20		
20	16QAM	100	0	20.24	20.34	20.25		
20	64QAM	1	0	20.21	20.26	20.33	22	2
20	64QAM	1	49	20.12	20.26	20.17		
20	64QAM	1	99	20.18	20.23	20.19		
20	64QAM	50	0	19.26	19.29	19.23	21	3
20	64QAM	50	24	19.23	19.30	19.24		
20	64QAM	50	50	19.14	19.29	19.18		
20	64QAM	100	0	19.35	19.34	19.15		
20	256QAM	1	0	17.32	17.33	17.24	19	5
20	256QAM	1	49	17.18	17.32	17.20		
20	256QAM	1	99	17.11	17.27	17.19		
20	256QAM	50	0	17.28	17.36	17.23	19	5
20	256QAM	50	24	17.19	17.27	17.32		
20	256QAM	50	50	17.19	17.25	17.16		
20	256QAM	100	0	17.08	17.17	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.21	22.15	24	0
15	QPSK	1	37	22.04	22.17	22.12		
15	QPSK	1	74	22.12	22.18	22.15		
15	QPSK	36	0	21.22	21.27	21.18	23	1
15	QPSK	36	20	21.05	21.25	21.14		
15	QPSK	36	39	21.07	21.17	21.10		
15	QPSK	75	0	21.22	21.23	21.16		
15	16QAM	1	0	21.18	21.19	21.20	23	1
15	16QAM	1	37	21.10	21.13	21.00		
15	16QAM	1	74	21.06	21.14	21.03		
15	16QAM	36	0	20.22	20.27	20.18	22	2
15	16QAM	36	20	20.15	20.24	20.03		
15	16QAM	36	39	20.11	20.19	20.10		
15	16QAM	75	0	20.20	20.26	20.13		
15	64QAM	1	0	20.10	20.21	20.20	22	2
15	64QAM	1	37	20.13	20.21	20.10		
15	64QAM	1	74	20.04	20.17	20.07		
15	64QAM	36	0	19.23	19.24	19.14	21	3
15	64QAM	36	20	19.15	19.23	19.10		
15	64QAM	36	39	19.11	19.18	19.09		
15	64QAM	75	0	19.29	19.31	19.05		
15	256QAM	1	0	17.30	17.27	17.19	19	5
15	256QAM	1	37	17.16	17.21	17.09		
15	256QAM	1	74	17.08	17.14	17.05		
15	256QAM	36	0	17.21	17.27	17.16	19	5
15	256QAM	36	20	17.12	17.23	17.26		
15	256QAM	36	39	17.06	17.15	17.07		
15	256QAM	75	0	17.06	17.11	17.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.25	22.14	24	0
10	QPSK	1	25	22.13	22.16	22.10		
10	QPSK	1	49	22.04	22.21	22.09		
10	QPSK	25	0	21.23	21.21	21.13	23	1
10	QPSK	25	12	21.13	21.23	21.12		
10	QPSK	25	25	21.03	21.23	21.13		
10	QPSK	50	0	21.20	21.19	21.08		
10	16QAM	1	0	21.15	21.25	21.23	23	1
10	16QAM	1	25	21.11	21.19	21.09		
10	16QAM	1	49	21.03	21.19	21.03		
10	16QAM	25	0	20.15	20.19	20.18	22	2
10	16QAM	25	12	20.17	20.20	20.13		
10	16QAM	25	25	20.06	20.14	20.07		
10	16QAM	50	0	20.22	20.24	20.20		
10	64QAM	1	0	20.19	20.15	20.21	22	2
10	64QAM	1	25	20.02	20.14	20.11		
10	64QAM	1	49	20.07	20.14	20.14		
10	64QAM	25	0	19.14	19.20	19.17	21	3
10	64QAM	25	12	19.11	19.19	19.11		
10	64QAM	25	25	19.03	19.22	19.06		
10	64QAM	50	0	19.24	19.25	19.04		
10	256QAM	1	0	17.23	17.27	17.19	19	5
10	256QAM	1	25	17.06	17.24	17.06		
10	256QAM	1	49	17.05	17.20	17.15		
10	256QAM	25	0	17.16	17.24	17.16	19	5
10	256QAM	25	12	17.10	17.23	17.23		
10	256QAM	25	25	17.16	17.15	17.06		
10	256QAM	50	0	17.10	17.08	17.11		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.24	22.16	24	0
5	QPSK	1	12	22.03	22.15	22.04		
5	QPSK	1	24	22.11	22.20	22.13		
5	QPSK	12	0	21.22	21.22	21.16	23	1
5	QPSK	12	7	21.07	21.18	21.08		
5	QPSK	12	13	21.05	21.18	21.08		
5	QPSK	25	0	21.18	21.25	21.09		
5	16QAM	1	0	21.11	21.21	21.27	23	1
5	16QAM	1	12	21.04	21.18	21.03		
5	16QAM	1	24	21.07	21.19	21.07		
5	16QAM	12	0	20.14	20.27	20.12	22	2
5	16QAM	12	7	20.18	20.25	20.09		
5	16QAM	12	13	20.21	20.21	20.06		
5	16QAM	25	0	20.12	20.28	20.23		
5	64QAM	1	0	20.10	20.21	20.31	22	2
5	64QAM	1	12	20.09	20.22	20.04		
5	64QAM	1	24	20.16	20.11	20.06		
5	64QAM	12	0	19.17	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.25	19.11		
5	64QAM	12	13	19.02	19.19	19.04		
5	64QAM	25	0	19.27	19.28	19.06		
5	256QAM	1	0	17.26	17.30	17.15	19	5
5	256QAM	1	12	17.07	17.27	17.18		
5	256QAM	1	24	17.07	17.15	17.16		
5	256QAM	12	0	17.17	17.29	17.12	19	5
5	256QAM	12	7	17.08	17.24	17.25		
5	256QAM	12	13	17.16	17.21	17.13		
5	256QAM	25	0	17.11	17.05	17.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.24	22.15	24	0
3	QPSK	1	8	22.10	22.22	22.13		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.22	21.22	21.09	23	1
3	QPSK	8	4	21.06	21.18	21.12		
3	QPSK	8	7	21.02	21.23	21.09		
3	QPSK	15	0	21.21	21.19	21.12		
3	16QAM	1	0	21.15	21.17	21.21	23	1
3	16QAM	1	8	21.01	21.17	21.00		
3	16QAM	1	14	21.07	21.14	21.08		
3	16QAM	8	0	20.22	20.26	20.09	22	2
3	16QAM	8	4	20.14	20.22	20.10		
3	16QAM	8	7	20.16	20.15	20.16		
3	16QAM	15	0	20.19	20.28	20.19		
3	64QAM	1	0	20.15	20.14	20.24	22	2
3	64QAM	1	8	20.06	20.15	20.13		
3	64QAM	1	14	20.06	20.19	20.10		
3	64QAM	8	0	19.13	19.23	19.19	21	3
3	64QAM	8	4	19.15	19.21	19.16		
3	64QAM	8	7	19.04	19.25	19.12		
3	64QAM	15	0	19.23	19.29	19.08		
3	256QAM	1	0	17.19	17.30	17.14	19	5
3	256QAM	1	8	17.05	17.21	17.16		
3	256QAM	1	14	17.16	17.17	17.15		
3	256QAM	8	0	17.19	17.28	17.21	19	5
3	256QAM	8	4	17.06	17.16	17.27		
3	256QAM	8	7	17.15	17.19	17.14		
3	256QAM	15	0	17.05	17.06	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.26	22.20	24	0
1.4	QPSK	1	3	22.11	22.22	22.14		
1.4	QPSK	1	5	22.06	22.23	22.12		
1.4	QPSK	3	0	22.17	22.17	22.09		
1.4	QPSK	3	1	22.03	22.17	22.04		
1.4	QPSK	3	3	22.06	22.13	22.12		
1.4	QPSK	6	0	21.20	21.21	21.11	23	1
1.4	16QAM	1	0	21.17	21.22	21.25	23	1
1.4	16QAM	1	3	21.09	21.15	21.07		
1.4	16QAM	1	5	21.01	21.07	21.11		
1.4	16QAM	3	0	21.20	21.20	21.02		
1.4	16QAM	3	1	21.14	21.16	21.25		
1.4	16QAM	3	3	21.06	21.13	21.07		
1.4	16QAM	6	0	20.17	20.27	20.16	22	2
1.4	64QAM	1	0	20.14	20.16	20.30	22	2
1.4	64QAM	1	3	20.07	20.23	20.05		
1.4	64QAM	1	5	20.13	20.15	20.08		
1.4	64QAM	3	0	20.15	20.27	20.09		
1.4	64QAM	3	1	20.09	20.10	20.26		
1.4	64QAM	3	3	20.05	20.18	20.00		
1.4	64QAM	6	0	19.23	19.20	19.11	21	3
1.4	256QAM	1	0	17.21	17.21	17.11	19	5
1.4	256QAM	1	3	17.10	17.26	17.16		
1.4	256QAM	1	5	17.22	17.21	17.09		
1.4	256QAM	3	0	17.20	17.23	17.20		
1.4	256QAM	3	1	17.11	17.18	17.27		
1.4	256QAM	3	3	17.06	17.23	17.09		
1.4	256QAM	6	0	17.10	17.07	17.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.61	22.65	22.59	24	0
20	QPSK	1	49	22.53	22.64	22.56		
20	QPSK	1	99	22.55	22.59	22.53		
20	QPSK	50	0	21.62	21.68	21.56	23	1
20	QPSK	50	24	21.51	21.67	21.57		
20	QPSK	50	50	21.55	21.55	21.48		
20	QPSK	100	0	21.59	21.63	21.56		
20	16QAM	1	0	21.58	21.60	21.63	23	1
20	16QAM	1	49	21.55	21.61	21.57		
20	16QAM	1	99	21.58	21.59	21.49		
20	16QAM	50	0	20.62	20.64	20.51	22	2
20	16QAM	50	24	20.53	20.72	20.56		
20	16QAM	50	50	20.54	20.51	20.47		
20	16QAM	100	0	20.63	20.67	20.55		
20	64QAM	1	0	20.59	20.62	20.67	22	2
20	64QAM	1	49	20.51	20.59	20.61		
20	64QAM	1	99	20.52	20.62	20.46		
20	64QAM	50	0	19.59	19.71	19.59	21	3
20	64QAM	50	24	19.47	19.66	19.62		
20	64QAM	50	50	19.49	19.56	19.43		
20	64QAM	100	0	19.54	19.66	19.56		
20	256QAM	1	0	17.60	17.67	17.52	19	5
20	256QAM	1	49	17.56	17.66	17.60		
20	256QAM	1	99	17.51	17.52	17.51		
20	256QAM	50	0	17.57	17.65	17.55	19	5
20	256QAM	50	24	17.62	17.61	17.68		
20	256QAM	50	50	17.60	17.63	17.56		
20	256QAM	100	0	17.53	17.65	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.57	22.62	22.51	24	0
15	QPSK	1	37	22.48	22.53	22.53		
15	QPSK	1	74	22.52	22.48	22.49		
15	QPSK	36	0	21.55	21.64	21.45	23	1
15	QPSK	36	20	21.41	21.64	21.50		
15	QPSK	36	39	21.53	21.53	21.34		
15	QPSK	75	0	21.54	21.52	21.44		
15	16QAM	1	0	21.47	21.56	21.52	23	1
15	16QAM	1	37	21.53	21.50	21.52		
15	16QAM	1	74	21.51	21.52	21.44		
15	16QAM	36	0	20.59	20.56	20.43	22	2
15	16QAM	36	20	20.41	20.66	20.46		
15	16QAM	36	39	20.51	20.41	20.42		
15	16QAM	75	0	20.56	20.62	20.50		
15	64QAM	1	0	20.47	20.59	20.59	22	2
15	64QAM	1	37	20.49	20.48	20.52		
15	64QAM	1	74	20.47	20.50	20.37		
15	64QAM	36	0	19.50	19.65	19.46	21	3
15	64QAM	36	20	19.33	19.57	19.52		
15	64QAM	36	39	19.45	19.47	19.41		
15	64QAM	75	0	19.49	19.62	19.45		
15	256QAM	1	0	17.49	17.57	17.45	19	5
15	256QAM	1	37	17.45	17.54	17.49		
15	256QAM	1	74	17.43	17.39	17.39		
15	256QAM	36	0	17.50	17.61	17.47	19	5
15	256QAM	36	20	17.49	17.59	17.65		
15	256QAM	36	39	17.50	17.54	17.52		
15	256QAM	75	0	17.49	17.58	17.41		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.59	22.55	22.54	24	0
10	QPSK	1	25	22.46	22.50	22.48		
10	QPSK	1	49	22.51	22.50	22.40		
10	QPSK	25	0	21.50	21.66	21.47	23	1
10	QPSK	25	12	21.48	21.57	21.50		
10	QPSK	25	25	21.51	21.50	21.36		
10	QPSK	50	0	21.47	21.51	21.49		
10	16QAM	1	0	21.51	21.56	21.60	23	1
10	16QAM	1	25	21.48	21.49	21.53		
10	16QAM	1	49	21.50	21.46	21.45		
10	16QAM	25	0	20.59	20.61	20.45	22	2
10	16QAM	25	12	20.51	20.59	20.45		
10	16QAM	25	25	20.44	20.42	20.42		
10	16QAM	50	0	20.49	20.63	20.41		
10	64QAM	1	0	20.57	20.52	20.64	22	2
10	64QAM	1	25	20.39	20.46	20.56		
10	64QAM	1	49	20.50	20.56	20.40		
10	64QAM	25	0	19.50	19.63	19.50	21	3
10	64QAM	25	12	19.33	19.53	19.53		
10	64QAM	25	25	19.39	19.47	19.30		
10	64QAM	50	0	19.47	19.60	19.44		
10	256QAM	1	0	17.53	17.62	17.41	19	5
10	256QAM	1	25	17.48	17.60	17.51		
10	256QAM	1	49	17.45	17.40	17.39		
10	256QAM	25	0	17.48	17.58	17.45	19	5
10	256QAM	25	12	17.51	17.50	17.56		
10	256QAM	25	25	17.50	17.51	17.54		
10	256QAM	50	0	17.46	17.58	17.49		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.47	22.62	22.54	24	0
5	QPSK	1	12	22.50	22.51	22.52		
5	QPSK	1	24	22.44	22.54	22.47		
5	QPSK	12	0	21.48	21.61	21.44	23	1
5	QPSK	12	7	21.39	21.63	21.52		
5	QPSK	12	13	21.46	21.42	21.43		
5	QPSK	25	0	21.46	21.54	21.50		
5	16QAM	1	0	21.55	21.53	21.54	23	1
5	16QAM	1	12	21.44	21.55	21.45		
5	16QAM	1	24	21.52	21.54	21.41		
5	16QAM	12	0	20.49	20.53	20.47	22	2
5	16QAM	12	7	20.41	20.65	20.43		
5	16QAM	12	13	20.50	20.47	20.35		
5	16QAM	25	0	20.57	20.64	20.50		
5	64QAM	1	0	20.47	20.52	20.54	22	2
5	64QAM	1	12	20.45	20.46	20.47		
5	64QAM	1	24	20.44	20.49	20.39		
5	64QAM	12	0	19.52	19.66	19.52	21	3
5	64QAM	12	7	19.36	19.59	19.57		
5	64QAM	12	13	19.42	19.50	19.37		
5	64QAM	25	0	19.51	19.59	19.50		
5	256QAM	1	0	17.56	17.66	17.38	19	5
5	256QAM	1	12	17.46	17.61	17.51		
5	256QAM	1	24	17.37	17.48	17.47		
5	256QAM	12	0	17.49	17.56	17.43	19	5
5	256QAM	12	7	17.59	17.53	17.57		
5	256QAM	12	13	17.56	17.50	17.52		
5	256QAM	25	0	17.44	17.61	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.32	22.38	22.29		
20	QPSK	1	49	22.30	22.35	22.17	23	0
20	QPSK	1	99	22.20	22.26	22.04		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.36	21.34	21.20	22	1
20	QPSK	50	50	21.15	21.30	21.23		
20	QPSK	100	0	21.30	21.36	21.24		
20	16QAM	1	0	21.27	21.33	21.28		
20	16QAM	1	49	21.36	21.36	21.15	22	1
20	16QAM	1	99	21.20	21.33	21.24		
20	16QAM	50	0	20.37	20.38	20.27		
20	16QAM	50	24	20.34	20.38	20.26	21	2
20	16QAM	50	50	20.18	20.26	20.20		
20	16QAM	100	0	20.35	20.31	20.29		
20	64QAM	1	0	20.22	20.31	20.27		
20	64QAM	1	49	20.34	20.36	20.18	21	2
20	64QAM	1	99	20.14	20.27	20.27		
20	64QAM	50	0	19.35	19.44	19.23		
20	64QAM	50	24	19.38	19.31	19.24	20	3
20	64QAM	50	50	19.09	19.35	19.17		
20	64QAM	100	0	19.35	19.39	19.27		
20	256QAM	1	0	17.34	17.39	17.25		
20	256QAM	1	49	17.37	17.31	17.18	18	5
20	256QAM	1	99	17.13	17.36	17.23		
20	256QAM	50	0	17.42	17.40	17.19		
20	256QAM	50	24	17.28	17.37	17.27	18	5
20	256QAM	50	50	17.42	17.32	17.17		
20	256QAM	100	0	17.17	17.37	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.22	22.32	22.24		
15	QPSK	1	37	22.22	22.22	22.04	23	0
15	QPSK	1	74	22.06	22.20	22.22		
15	QPSK	36	0	21.30	21.29	21.21		
15	QPSK	36	20	21.34	21.20	21.12	22	1
15	QPSK	36	39	21.05	21.22	21.15		
15	QPSK	75	0	21.27	21.23	21.22		
15	16QAM	1	0	21.14	21.20	21.14		
15	16QAM	1	37	21.31	21.23	21.02	22	1
15	16QAM	1	74	21.07	21.23	21.13		
15	16QAM	36	0	20.31	20.26	20.20		
15	16QAM	36	20	20.23	20.30	20.16	21	2
15	16QAM	36	39	20.10	20.16	20.16		
15	16QAM	75	0	20.27	20.18	20.17		
15	64QAM	1	0	20.15	20.29	20.23		
15	64QAM	1	37	20.28	20.28	20.12	21	2
15	64QAM	1	74	20.12	20.19	20.20		
15	64QAM	36	0	19.32	19.39	19.10		
15	64QAM	36	20	19.32	19.28	19.13	20	3
15	64QAM	36	39	19.06	19.24	19.12		
15	64QAM	75	0	19.31	19.26	19.15		
15	256QAM	1	0	17.27	17.32	17.20		
15	256QAM	1	37	17.33	17.28	17.15	18	5
15	256QAM	1	74	17.09	17.28	17.16		
15	256QAM	36	0	17.38	17.26	17.15		
15	256QAM	36	20	17.25	17.35	17.24	18	5
15	256QAM	36	39	17.39	17.18	17.00		
15	256QAM	75	0	17.04	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.25	22.24		
10	QPSK	1	25	22.26	22.23	22.07	23	0
10	QPSK	1	49	22.18	22.19	22.22		
10	QPSK	25	0	21.35	21.37	21.19		
10	QPSK	25	12	21.24	21.31	21.07	22	1
10	QPSK	25	25	21.06	21.23	21.10		
10	QPSK	50	0	21.24	21.23	21.15		
10	16QAM	1	0	21.21	21.21	21.14		
10	16QAM	1	25	21.29	21.30	21.05	22	1
10	16QAM	1	49	21.14	21.20	21.11		
10	16QAM	25	0	20.32	20.36	20.18		
10	16QAM	25	12	20.25	20.34	20.20	21	2
10	16QAM	25	25	20.11	20.15	20.13		
10	16QAM	50	0	20.28	20.18	20.26		
10	64QAM	1	0	20.09	20.28	20.13		
10	64QAM	1	25	20.31	20.24	20.13	21	2
10	64QAM	1	49	20.06	20.22	20.17		
10	64QAM	25	0	19.29	19.35	19.11		
10	64QAM	25	12	19.28	19.20	19.12	20	3
10	64QAM	25	25	19.02	19.32	19.04		
10	64QAM	50	0	19.22	19.33	19.21		
10	256QAM	1	0	17.20	17.26	17.22		
10	256QAM	1	25	17.33	17.21	17.06	18	5
10	256QAM	1	49	17.08	17.29	17.12		
10	256QAM	25	0	17.38	17.34	17.11		
10	256QAM	25	12	17.24	17.27	17.23	18	5
10	256QAM	25	25	17.35	17.19	17.09		
10	256QAM	50	0	17.12	17.27	17.24		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.32	22.20		
5	QPSK	1	12	22.25	22.25	22.09	23	0
5	QPSK	1	24	22.17	22.23	22.20		
5	QPSK	12	0	21.27	21.30	21.22		
5	QPSK	12	7	21.31	21.23	21.08	22	1
5	QPSK	12	13	21.07	21.26	21.15		
5	QPSK	25	0	21.28	21.26	21.17		
5	16QAM	1	0	21.21	21.24	21.22		
5	16QAM	1	12	21.23	21.25	21.09	22	1
5	16QAM	1	24	21.12	21.28	21.18		
5	16QAM	12	0	20.24	20.31	20.22		
5	16QAM	12	7	20.21	20.26	20.21	21	2
5	16QAM	12	13	20.06	20.14	20.11		
5	16QAM	25	0	20.27	20.25	20.23		
5	64QAM	1	0	20.08	20.20	20.24		
5	64QAM	1	12	20.25	20.29	20.11	21	2
5	64QAM	1	24	20.10	20.17	20.17		
5	64QAM	12	0	19.30	19.39	19.17		
5	64QAM	12	7	19.29	19.22	19.19	20	3
5	64QAM	12	13	19.06	19.31	19.05		
5	64QAM	25	0	19.24	19.29	19.21		
5	256QAM	1	0	17.31	17.30	17.23		
5	256QAM	1	12	17.34	17.22	17.06	18	5
5	256QAM	1	24	17.07	17.30	17.15		
5	256QAM	12	0	17.30	17.38	17.16		
5	256QAM	12	7	17.18	17.29	17.19	18	5
5	256QAM	12	13	17.32	17.23	17.00		
5	256QAM	25	0	17.10	17.26	17.25		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.29	22.32	22.17		
3	QPSK	1	8	22.26	22.22	22.14	23	0
3	QPSK	1	14	22.09	22.27	22.21		
3	QPSK	8	0	21.36	21.29	21.15		
3	QPSK	8	4	21.32	21.21	21.08	22	1
3	QPSK	8	7	21.03	21.26	21.20		
3	QPSK	15	0	21.28	21.30	21.13		
3	16QAM	1	0	21.15	21.26	21.16		
3	16QAM	1	8	21.30	21.31	21.02	22	1
3	16QAM	1	14	21.10	21.28	21.17		
3	16QAM	8	0	20.32	20.29	20.16		
3	16QAM	8	4	20.22	20.35	20.15	21	2
3	16QAM	8	7	20.08	20.13	20.12		
3	16QAM	15	0	20.25	20.22	20.25		
3	64QAM	1	0	20.14	20.25	20.18		
3	64QAM	1	8	20.23	20.27	20.14	21	2
3	64QAM	1	14	20.09	20.25	20.24		
3	64QAM	8	0	19.33	19.41	19.10		
3	64QAM	8	4	19.26	19.19	19.15	20	3
3	64QAM	8	7	18.99	19.30	19.06		
3	64QAM	15	0	19.33	19.35	19.13		
3	256QAM	1	0	17.31	17.26	17.16		
3	256QAM	1	8	17.26	17.21	17.12	18	5
3	256QAM	1	14	17.00	17.23	17.13		
3	256QAM	8	0	17.29	17.33	17.14		
3	256QAM	8	4	17.15	17.31	17.22	18	5
3	256QAM	8	7	17.37	17.25	17.06		
3	256QAM	15	0	17.12	17.26	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.23	22.30	22.20		
1.4	QPSK	1	3	22.24	22.22	22.13		
1.4	QPSK	1	5	22.09	22.21	22.19	23	0
1.4	QPSK	3	0	22.20	22.27	22.14		
1.4	QPSK	3	1	22.21	22.18	22.04		
1.4	QPSK	3	3	22.07	22.17	22.15		
1.4	QPSK	6	0	21.29	21.26	21.18	22	1
1.4	16QAM	1	0	21.23	21.22	21.16		
1.4	16QAM	1	3	21.23	21.26	21.08		
1.4	16QAM	1	5	21.17	21.29	21.16	22	1
1.4	16QAM	3	0	21.21	21.19	21.15		
1.4	16QAM	3	1	21.19	21.09	21.04		
1.4	16QAM	3	3	21.16	21.16	20.97		
1.4	16QAM	6	0	20.25	20.28	20.23	21	2
1.4	64QAM	1	0	20.17	20.23	20.14		
1.4	64QAM	1	3	20.26	20.25	20.09		
1.4	64QAM	1	5	20.10	20.25	20.16	21	2
1.4	64QAM	3	0	20.23	20.24	20.20		
1.4	64QAM	3	1	20.13	20.20	20.06		
1.4	64QAM	3	3	20.17	20.21	20.02		
1.4	64QAM	6	0	19.31	19.27	19.25	20	3
1.4	256QAM	1	0	17.25	17.28	17.13		
1.4	256QAM	1	3	17.28	17.29	17.11		
1.4	256QAM	1	5	17.05	17.27	17.14	18	5
1.4	256QAM	3	0	17.30	17.28	17.12		
1.4	256QAM	3	1	17.21	17.25	17.16		
1.4	256QAM	3	3	17.38	17.21	17.01		
1.4	256QAM	6	0	17.08	17.27	17.16	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.28	22.18		
10	QPSK	1	25	22.17	22.19	22.13	24	0
10	QPSK	1	49	22.09	22.18	22.14		
10	QPSK	25	0	21.20	21.25	21.14		
10	QPSK	25	12	21.22	21.16	21.10	23	1
10	QPSK	25	25	21.10	21.21	21.09		
10	QPSK	50	0	21.22	21.23	21.19		
10	16QAM	1	0	21.22	21.23	21.22		
10	16QAM	1	25	21.15	21.16	21.19	23	1
10	16QAM	1	49	21.10	21.15	21.09		
10	16QAM	25	0	20.25	20.30	20.09		
10	16QAM	25	12	20.26	20.17	20.06	22	2
10	16QAM	25	25	20.13	20.26	20.05		
10	16QAM	50	0	20.19	20.26	20.22		
10	64QAM	1	0	20.26	20.18	20.18		
10	64QAM	1	25	20.12	20.15	20.19	22	2
10	64QAM	1	49	20.06	20.20	20.05		
10	64QAM	25	0	19.21	19.31	19.18		
10	64QAM	25	12	19.23	19.14	19.05	21	3
10	64QAM	25	25	19.14	19.18	19.11		
10	64QAM	50	0	19.26	19.17	19.23		
10	256QAM	1	0	17.27	17.30	17.13		
10	256QAM	1	25	17.21	17.15	17.14	19	5
10	256QAM	1	49	17.07	17.18	17.08		
10	256QAM	25	0	17.17	17.22	17.24		
10	256QAM	25	12	17.20	17.23	17.22	19	5
10	256QAM	25	25	17.10	17.19	17.16		
10	256QAM	50	0	17.05	17.12	17.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.26	22.22		
5	QPSK	1	12	22.20	22.24	22.10	24	0
5	QPSK	1	24	22.11	22.18	22.04		
5	QPSK	12	0	21.21	21.29	21.11		
5	QPSK	12	7	21.14	21.19	21.08	23	1
5	QPSK	12	13	21.22	21.22	21.10		
5	QPSK	25	0	21.22	21.29	21.14		
5	16QAM	1	0	21.26	21.20	21.17		
5	16QAM	1	12	21.11	21.20	21.23	23	1
5	16QAM	1	24	21.20	21.16	21.14		
5	16QAM	12	0	20.09	20.31	20.15		
5	16QAM	12	7	20.14	20.25	20.08	22	2
5	16QAM	12	13	20.25	20.11	20.08		
5	16QAM	25	0	20.14	20.28	20.27		
5	64QAM	1	0	20.20	20.21	20.19		
5	64QAM	1	12	20.15	20.10	20.13	22	2
5	64QAM	1	24	20.13	20.19	20.06		
5	64QAM	12	0	19.12	19.28	19.10		
5	64QAM	12	7	19.14	19.17	19.15	21	3
5	64QAM	12	13	19.16	19.25	19.07		
5	64QAM	25	0	19.24	19.18	19.20		
5	256QAM	1	0	17.20	17.30	17.15		
5	256QAM	1	12	17.13	17.16	17.10	19	5
5	256QAM	1	24	17.08	17.17	17.08		
5	256QAM	12	0	17.15	17.26	17.17		
5	256QAM	12	7	17.19	17.21	17.21	19	5
5	256QAM	12	13	17.26	17.29	17.24		
5	256QAM	25	0	17.19	17.22	17.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.15	22.27	22.21		
3	QPSK	1	8	22.17	22.19	22.12	24	0
3	QPSK	1	14	22.12	22.22	22.05		
3	QPSK	8	0	21.18	21.35	21.09		
3	QPSK	8	4	21.05	21.28	21.12	23	1
3	QPSK	8	7	21.15	21.20	21.08		
3	QPSK	15	0	21.13	21.24	21.13		
3	16QAM	1	0	21.29	21.29	21.20		
3	16QAM	1	8	21.21	21.23	21.17	23	1
3	16QAM	1	14	21.17	21.15	21.09		
3	16QAM	8	0	20.10	20.28	20.10		
3	16QAM	8	4	20.04	20.20	20.11	22	2
3	16QAM	8	7	20.25	20.14	20.16		
3	16QAM	15	0	20.19	20.26	20.25		
3	64QAM	1	0	20.20	20.27	20.17		
3	64QAM	1	8	20.14	20.09	20.11	22	2
3	64QAM	1	14	20.14	20.20	20.10		
3	64QAM	8	0	19.16	19.37	19.07		
3	64QAM	8	4	19.11	19.22	19.11	21	3
3	64QAM	8	7	19.16	19.23	19.07		
3	64QAM	15	0	19.24	19.23	19.26		
3	256QAM	1	0	17.17	17.31	17.11		
3	256QAM	1	8	17.16	17.16	17.11	19	5
3	256QAM	1	14	17.18	17.12	17.05		
3	256QAM	8	0	17.21	17.26	17.13		
3	256QAM	8	4	17.08	17.29	17.16	19	5
3	256QAM	8	7	17.23	17.24	17.18		
3	256QAM	15	0	17.19	17.23	17.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.14	22.11		
1.4	QPSK	1	3	22.07	22.14	22.05		
1.4	QPSK	1	5	22.05	22.13	22.04	24	0
1.4	QPSK	3	0	22.03	22.10	22.01		
1.4	QPSK	3	1	22.05	22.11	22.05		
1.4	QPSK	3	3	22.01	22.06	22.03		
1.4	QPSK	6	0	21.10	21.19	21.14	23	1
1.4	16QAM	1	0	21.18	21.14	21.17		
1.4	16QAM	1	3	21.11	21.03	21.14		
1.4	16QAM	1	5	21.06	21.12	21.05	23	1
1.4	16QAM	3	0	21.02	21.09	21.03		
1.4	16QAM	3	1	21.08	21.11	21.11		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.16	20.19	20.18	22	2
1.4	64QAM	1	0	20.21	20.08	20.13		
1.4	64QAM	1	3	20.00	20.12	20.15		
1.4	64QAM	1	5	20.11	20.16	20.11	22	2
1.4	64QAM	3	0	20.13	20.14	20.06		
1.4	64QAM	3	1	20.08	20.01	20.04		
1.4	64QAM	3	3	20.05	20.10	20.04		
1.4	64QAM	6	0	19.15	19.11	19.12	21	3
1.4	256QAM	1	0	17.14	17.26	17.09		
1.4	256QAM	1	3	17.07	17.12	17.00		
1.4	256QAM	1	5	17.02	17.07	17.00	19	5
1.4	256QAM	3	0	17.08	17.09	17.11		
1.4	256QAM	3	1	17.12	17.10	17.17		
1.4	256QAM	3	3	17.02	17.14	17.11		
1.4	256QAM	6	0	17.03	17.01	17.08	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	22.92	22.85		
10	QPSK	1	25	22.86	22.89	22.78	24	0
10	QPSK	1	49	22.86	22.85	22.75		
10	QPSK	25	0	21.88	21.92	21.90		
10	QPSK	25	12	21.90	21.91	21.75	23	1
10	QPSK	25	25	21.89	21.81	21.70		
10	QPSK	50	0	21.86	21.89	21.80		
10	16QAM	1	0	21.93	21.87	21.80		
10	16QAM	1	25	21.89	21.84	21.74	23	1
10	16QAM	1	49	21.89	21.82	21.73		
10	16QAM	25	0	20.84	20.86	20.91		
10	16QAM	25	12	20.86	20.96	20.72	22	2
10	16QAM	25	25	20.92	20.86	20.71		
10	16QAM	50	0	20.80	20.84	20.82		
10	64QAM	1	0	20.92	20.88	20.76		
10	64QAM	1	25	20.88	20.87	20.78	22	2
10	64QAM	1	49	20.86	20.83	20.73		
10	64QAM	25	0	19.94	19.95	19.93		
10	64QAM	25	12	19.94	19.92	19.78	21	3
10	64QAM	25	25	19.95	19.76	19.72		
10	64QAM	50	0	19.81	19.91	19.77		
10	256QAM	1	0	17.84	17.94	17.90		
10	256QAM	1	25	17.89	17.91	17.72	19	5
10	256QAM	1	49	17.94	17.76	17.68		
10	256QAM	25	0	17.88	17.90	17.85		
10	256QAM	25	12	17.97	17.85	17.77	19	5
10	256QAM	25	25	17.85	17.86	17.74		
10	256QAM	50	0	17.88	17.84	17.76		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.85	22.83		
5	QPSK	1	12	22.76	22.78	22.71	24	0
5	QPSK	1	24	22.80	22.75	22.70		
5	QPSK	12	0	21.78	21.88	21.81		
5	QPSK	12	7	21.80	21.84	21.71	23	1
5	QPSK	12	13	21.82	21.68	21.56		
5	QPSK	25	0	21.72	21.84	21.66		
5	16QAM	1	0	21.85	21.81	21.72		
5	16QAM	1	12	21.75	21.75	21.71	23	1
5	16QAM	1	24	21.78	21.72	21.64		
5	16QAM	12	0	20.81	20.73	20.89		
5	16QAM	12	7	20.82	20.91	20.64	22	2
5	16QAM	12	13	20.84	20.80	20.60		
5	16QAM	25	0	20.67	20.79	20.71		
5	64QAM	1	0	20.84	20.84	20.67		
5	64QAM	1	12	20.75	20.81	20.73	22	2
5	64QAM	1	24	20.81	20.80	20.61		
5	64QAM	12	0	19.91	19.91	19.86		
5	64QAM	12	7	19.77	19.87	19.70	21	3
5	64QAM	12	13	19.83	19.64	19.60		
5	64QAM	25	0	19.78	19.80	19.69		
5	256QAM	1	0	17.70	17.83	17.81		
5	256QAM	1	12	17.86	17.81	17.66	19	5
5	256QAM	1	24	17.84	17.63	17.61		
5	256QAM	12	0	17.75	17.84	17.76		
5	256QAM	12	7	17.88	17.83	17.66	19	5
5	256QAM	12	13	17.80	17.74	17.68		
5	256QAM	25	0	17.78	17.75	17.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.79	22.85	22.76		
3	QPSK	1	8	22.74	22.76	22.72	24	0
3	QPSK	1	14	22.81	22.80	22.72		
3	QPSK	8	0	21.84	21.87	21.78		
3	QPSK	8	4	21.78	21.80	21.69	23	1
3	QPSK	8	7	21.81	21.78	21.65		
3	QPSK	15	0	21.77	21.84	21.72		
3	16QAM	1	0	21.91	21.80	21.77		
3	16QAM	1	8	21.77	21.77	21.66	23	1
3	16QAM	1	14	21.76	21.70	21.69		
3	16QAM	8	0	20.81	20.83	20.83		
3	16QAM	8	4	20.83	20.88	20.70	22	2
3	16QAM	8	7	20.80	20.79	20.63		
3	16QAM	15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.33		23	0
10	QPSK	1	25		22.30			
10	QPSK	1	49		22.28			
10	QPSK	25	0		21.36		22	1
10	QPSK	25	12		21.25			
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22	1
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.32			
10	16QAM	25	0		20.34		21	2
10	16QAM	25	12		20.29			
10	16QAM	25	25		20.26			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.33			
10	64QAM	1	49		20.34			
10	64QAM	25	0		19.42		20	3
10	64QAM	25	12		19.24			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.38			
10	256QAM	1	0		17.33		18	5
10	256QAM	1	25		17.27			
10	256QAM	1	49		17.23			
10	256QAM	25	0		17.35		18	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.29			
10	256QAM	50	0		17.38			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.25	22.28	22.20	23	0
5	QPSK	1	12	22.22	22.22	22.25		
5	QPSK	1	24	22.21	22.21	22.25		
5	QPSK	12	0	21.33	21.30	21.31	22	1
5	QPSK	12	7	21.12	21.13	21.19		
5	QPSK	12	13	21.18	21.19	21.23		
5	QPSK	25	0	21.27	21.26	21.26		
5	16QAM	1	0	21.25	21.24	21.29	22	1
5	16QAM	1	12	21.22	21.18	21.22		
5	16QAM	1	24	21.27	21.21	21.29		
5	16QAM	12	0	20.25	20.21	20.24	21	2
5	16QAM	12	7	20.24	20.21	20.20		
5	16QAM	12	13	20.20	20.18	20.24		
5	16QAM	25	0	20.28	20.23	20.33		
5	64QAM	1	0	20.24	20.24	20.28	21	2
5	64QAM	1	12	20.27	20.28	20.21		
5	64QAM	1	24	20.22	20.25	20.23		
5	64QAM	12	0	19.36	19.33	19.36	20	3
5	64QAM	12	7	19.10	19.14	19.11		
5	64QAM	12	13	19.19	19.19	19.20		
5	64QAM	25	0	19.25	19.30	19.30		
5	256QAM	1	0	17.25	17.29	17.23	18	5
5	256QAM	1	12	17.17	17.23	17.20		
5	256QAM	1	24	17.16	17.11	17.12		
5	256QAM	12	0	17.32	17.30	17.21	18	5
5	256QAM	12	7	17.27	17.29	17.34		
5	256QAM	12	13	17.20	17.20	17.21		
5	256QAM	25	0	17.33	17.28	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.54	21.67	21.56	22.9	0
20	QPSK	1	49	21.32	21.55	21.39		
20	QPSK	1	99	21.36	21.49	21.50		
20	QPSK	50	0	20.56	20.67	20.53	22	0.9
20	QPSK	50	24	20.43	20.60	20.48		
20	QPSK	50	50	20.28	20.46	20.44		
20	QPSK	100	0	20.43	20.56	20.55		
20	16QAM	1	0	20.49	20.56	20.61	22	0.9
20	16QAM	1	49	20.42	20.56	20.39		
20	16QAM	1	99	20.26	20.53	20.46		
20	16QAM	50	0	19.62	19.51	19.51	21	1.9
20	16QAM	50	24	19.43	19.51	19.34		
20	16QAM	50	50	19.39	19.52	19.45		
20	16QAM	100	0	19.46	19.54	19.55		
20	64QAM	1	0	19.42	19.56	19.54	21	1.9
20	64QAM	1	49	19.41	19.58	19.34		
20	64QAM	1	99	19.28	19.51	19.38		
20	64QAM	50	0	18.63	18.60	18.63	20	2.9
20	64QAM	50	24	18.34	18.40	18.39		
20	64QAM	50	50	18.32	18.43	18.54		
20	64QAM	100	0	18.40	18.55	18.57		
20	256QAM	1	0	16.58	16.58	16.59	18	4.9
20	256QAM	1	49	16.41	16.49	16.48		
20	256QAM	1	99	16.37	16.50	16.46		
20	256QAM	50	0	16.54	16.57	16.44	18	4.9
20	256QAM	50	24	16.44	16.58	16.55		
20	256QAM	50	50	16.46	16.46	16.33		
20	256QAM	100	0	16.29	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.43	21.58	21.57	22.9	0
15	QPSK	1	37	21.37	21.59	21.41		
15	QPSK	1	74	21.27	21.46	21.44		
15	QPSK	36	0	20.61	20.61	20.51	22	0.9
15	QPSK	36	20	20.38	20.52	20.45		
15	QPSK	36	39	20.36	20.47	20.41		
15	QPSK	75	0	20.44	20.52	20.58		
15	16QAM	1	0	20.46	20.54	20.56	22	0.9
15	16QAM	1	37	20.39	20.61	20.39		
15	16QAM	1	74	20.28	20.52	20.44		
15	16QAM	36	0	19.54	19.62	19.53	21	1.9
15	16QAM	36	20	19.43	19.45	19.43		
15	16QAM	36	39	19.33	19.53	19.49		
15	16QAM	75	0	19.42	19.47	19.55		
15	64QAM	1	0	19.41	19.62	19.52	21	1.9
15	64QAM	1	37	19.43	19.60	19.31		
15	64QAM	1	74	19.35	19.50	19.44		
15	64QAM	36	0	18.57	18.57	18.55	20	2.9
15	64QAM	36	20	18.34	18.38	18.40		
15	64QAM	36	39	18.36	18.43	18.51		
15	64QAM	75	0	18.41	18.59	18.49		
15	256QAM	1	0	16.54	16.54	16.60	18	4.9
15	256QAM	1	37	16.45	16.56	16.44		
15	256QAM	1	74	16.31	16.49	16.54		
15	256QAM	36	0	16.58	16.61	16.46	18	4.9
15	256QAM	36	20	16.43	16.59	16.56		
15	256QAM	36	39	16.38	16.49	16.35		
15	256QAM	75	0	16.29	16.67	16.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.51	21.62	21.56	22.9	0
10	QPSK	1	25	21.29	21.66	21.45		
10	QPSK	1	49	21.29	21.55	21.46		
10	QPSK	25	0	20.52	20.58	20.53	22	0.9
10	QPSK	25	12	20.38	20.52	20.46		
10	QPSK	25	25	20.30	20.50	20.46		
10	QPSK	50	0	20.50	20.56	20.50		
10	16QAM	1	0	20.48	20.52	20.57	22	0.9
10	16QAM	1	25	20.47	20.51	20.42		
10	16QAM	1	49	20.28	20.51	20.42		
10	16QAM	25	0	19.58	19.60	19.61	21	1.9
10	16QAM	25	12	19.45	19.41	19.42		
10	16QAM	25	25	19.35	19.61	19.51		
10	16QAM	50	0	19.49	19.52	19.62		
10	64QAM	1	0	19.51	19.54	19.59	21	1.9
10	64QAM	1	25	19.49	19.64	19.30		
10	64QAM	1	49	19.34	19.58	19.40		
10	64QAM	25	0	18.55	18.54	18.59	20	2.9
10	64QAM	25	12	18.42	18.49	18.41		
10	64QAM	25	25	18.35	18.51	18.48		
10	64QAM	50	0	18.42	18.54	18.54		
10	256QAM	1	0	16.48	16.53	16.63	18	4.9
10	256QAM	1	25	16.49	16.45	16.48		
10	256QAM	1	49	16.27	16.50	16.54		
10	256QAM	25	0	16.60	16.55	16.45	18	4.9
10	256QAM	25	12	16.41	16.62	16.48		
10	256QAM	25	25	16.43	16.43	16.27		
10	256QAM	50	0	16.22	16.71	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.51	21.52	21.51	22.9	0
5	QPSK	1	12	21.33	21.60	21.43		
5	QPSK	1	24	21.25	21.52	21.47		
5	QPSK	12	0	20.56	20.65	20.59	22	0.9
5	QPSK	12	7	20.42	20.53	20.40		
5	QPSK	12	13	20.27	20.41	20.49		
5	QPSK	25	0	20.49	20.54	20.53		
5	16QAM	1	0	20.46	20.55	20.56	22	0.9
5	16QAM	1	12	20.49	20.56	20.36		
5	16QAM	1	24	20.31	20.54	20.49		
5	16QAM	12	0	19.62	19.61	19.56	21	1.9
5	16QAM	12	7	19.48	19.45	19.35		
5	16QAM	12	13	19.39	19.52	19.46		
5	16QAM	25	0	19.50	19.49	19.56		
5	64QAM	1	0	19.45	19.55	19.53	21	1.9
5	64QAM	1	12	19.50	19.64	19.36		
5	64QAM	1	24	19.35	19.59	19.45		
5	64QAM	12	0	18.52	18.56	18.62	20	2.9
5	64QAM	12	7	18.41	18.49	18.34		
5	64QAM	12	13	18.34	18.46	18.46		
5	64QAM	25	0	18.47	18.54	18.59		
5	256QAM	1	0	16.50	16.54	16.58	18	4.9
5	256QAM	1	12	16.50	16.47	16.39		
5	256QAM	1	24	16.35	16.49	16.48		
5	256QAM	12	0	16.51	16.62	16.48	18	4.9
5	256QAM	12	7	16.41	16.55	16.52		
5	256QAM	12	13	16.45	16.43	16.34		
5	256QAM	25	0	16.25	16.64	16.38		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.54	21.55	21.54	22.9	0
3	QPSK	1	8	21.32	21.63	21.37		
3	QPSK	1	14	21.34	21.49	21.50		
3	QPSK	8	0	20.59	20.65	20.50	22	0.9
3	QPSK	8	4	20.35	20.60	20.40		
3	QPSK	8	7	20.32	20.41	20.44		
3	QPSK	15	0	20.51	20.54	20.58		
3	16QAM	1	0	20.46	20.56	20.64	22	0.9
3	16QAM	1	8	20.45	20.49	20.38		
3	16QAM	1	14	20.36	20.53	20.39		
3	16QAM	8	0	19.52	19.60	19.60	21	1.9
3	16QAM	8	4	19.48	19.51	19.38		
3	16QAM	8	7	19.41	19.53	19.47		
3	16QAM	15	0	19.51	19.52	19.61		
3	64QAM	1	0	19.42	19.52	19.57	21	1.9
3	64QAM	1	8	19.51	19.56	19.35		
3	64QAM	1	14	19.29	19.50	19.44		
3	64QAM	8	0	18.54	18.61	18.56	20	2.9
3	64QAM	8	4	18.42	18.47	18.42		
3	64QAM	8	7	18.26	18.51	18.46		
3	64QAM	15	0	18.43	18.54	18.55		
3	256QAM	1	0	16.58	16.61	16.64	18	4.9
3	256QAM	1	8	16.45	16.46	16.42		
3	256QAM	1	14	16.32	16.49	16.52		
3	256QAM	8	0	16.58	16.54	16.49	18	4.9
3	256QAM	8	4	16.43	16.55	16.48		
3	256QAM	8	7	16.41	16.53	16.36		
3	256QAM	15	0	16.29	16.70	16.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.48	21.55	21.51	22.9	0
1.4	QPSK	1	3	21.32	21.57	21.48		
1.4	QPSK	1	5	21.36	21.56	21.41		
1.4	QPSK	3	0	21.46	21.55	21.44		
1.4	QPSK	3	1	21.21	21.54	21.43		
1.4	QPSK	3	3	21.35	21.52	21.42		
1.4	QPSK	6	0	20.54	20.58	20.60	22	0.9
1.4	16QAM	1	0	20.50	20.51	20.63	22	0.9
1.4	16QAM	1	3	20.52	20.58	20.37		
1.4	16QAM	1	5	20.28	20.55	20.42		
1.4	16QAM	3	0	20.48	20.39	20.54		
1.4	16QAM	3	1	20.32	20.48	20.44		
1.4	16QAM	3	3	20.47	20.41	20.35		
1.4	16QAM	6	0	19.46	19.60	19.56	21	1.9
1.4	64QAM	1	0	19.56	19.65	19.62	21	1.9
1.4	64QAM	1	3	19.45	19.60	19.32		
1.4	64QAM	1	5	19.38	19.63	19.47		
1.4	64QAM	3	0	19.42	19.50	19.45		
1.4	64QAM	3	1	19.42	19.50	19.58		
1.4	64QAM	3	3	19.34	19.44	19.25		
1.4	64QAM	6	0	18.44	18.58	18.57	20	2.9
1.4	256QAM	1	0	16.62	16.60	16.54	18	4.9
1.4	256QAM	1	3	16.53	16.50	16.30		
1.4	256QAM	1	5	16.31	16.47	16.55		
1.4	256QAM	3	0	16.46	16.57	16.59		
1.4	256QAM	3	1	16.49	16.64	16.49		
1.4	256QAM	3	3	16.36	16.51	16.47		
1.4	256QAM	6	0	16.36	16.67	16.41	18	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.59	22.61	22.55	24	0
20	QPSK	1	49	22.46	22.58	22.51		
20	QPSK	1	99	22.46	22.55	22.48		
20	QPSK	50	0	21.57	21.66	21.53	23	1
20	QPSK	50	24	21.49	21.60	21.57		
20	QPSK	50	50	21.42	21.54	21.48		
20	QPSK	100	0	21.56	21.64	21.55		
20	16QAM	1	0	21.56	21.63	21.51	23	1
20	16QAM	1	49	21.44	21.55	21.51		
20	16QAM	1	99	21.45	21.59	21.52		
20	16QAM	50	0	20.60	20.64	20.55	22	2
20	16QAM	50	24	20.50	20.61	20.58		
20	16QAM	50	50	20.38	20.48	20.49		
20	16QAM	100	0	20.51	20.61	20.54		
20	64QAM	1	0	20.55	20.63	20.56	22	2
20	64QAM	1	49	20.40	20.55	20.50		
20	64QAM	1	99	20.48	20.64	20.49		
20	64QAM	50	0	19.52	19.62	19.59	21	3
20	64QAM	50	24	19.45	19.58	19.61		
20	64QAM	50	50	19.47	19.51	19.46		
20	64QAM	100	0	19.53	19.67	19.49		
20	256QAM	1	0	17.56	17.72	17.53	19	5
20	256QAM	1	49	17.53	17.57	17.63		
20	256QAM	1	99	17.40	17.52	17.54		
20	256QAM	50	0	17.54	17.70	17.57	19	5
20	256QAM	50	24	17.53	17.61	17.55		
20	256QAM	50	50	17.49	17.61	17.53		
20	256QAM	100	0	17.43	17.61	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.49	22.57	22.46	24	0
15	QPSK	1	37	22.43	22.44	22.39		
15	QPSK	1	74	22.37	22.42	22.41		
15	QPSK	36	0	21.50	21.55	21.43	23	1
15	QPSK	36	20	21.44	21.57	21.55		
15	QPSK	36	39	21.36	21.46	21.41		
15	QPSK	75	0	21.46	21.52	21.45		
15	16QAM	1	0	21.46	21.52	21.42	23	1
15	16QAM	1	37	21.35	21.46	21.39		
15	16QAM	1	74	21.41	21.49	21.42		
15	16QAM	36	0	20.57	20.54	20.52	22	2
15	16QAM	36	20	20.46	20.48	20.48		
15	16QAM	36	39	20.26	20.42	20.35		
15	16QAM	75	0	20.44	20.57	20.43		
15	64QAM	1	0	20.44	20.51	20.51	22	2
15	64QAM	1	37	20.37	20.50	20.37		
15	64QAM	1	74	20.46	20.50	20.44		
15	64QAM	36	0	19.48	19.59	19.53	21	3
15	64QAM	36	20	19.36	19.56	19.53		
15	64QAM	36	39	19.37	19.47	19.35		
15	64QAM	75	0	19.45	19.57	19.39		
15	256QAM	1	0	17.43	17.63	17.51	19	5
15	256QAM	1	37	17.46	17.49	17.58		
15	256QAM	1	74	17.37	17.49	17.44		
15	256QAM	36	0	17.45	17.66	17.48	19	5
15	256QAM	36	20	17.46	17.56	17.43		
15	256QAM	36	39	17.41	17.55	17.50		
15	256QAM	75	0	17.35	17.54	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.48	22.57	22.49	24	0
10	QPSK	1	25	22.33	22.46	22.39		
10	QPSK	1	49	22.38	22.48	22.36		
10	QPSK	25	0	21.53	21.61	21.47	23	1
10	QPSK	25	12	21.40	21.56	21.50		
10	QPSK	25	25	21.30	21.40	21.40		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.52	21.54	21.41	23	1
10	16QAM	1	25	21.41	21.47	21.43		
10	16QAM	1	49	21.42	21.57	21.50		
10	16QAM	25	0	20.48	20.58	20.46	22	2
10	16QAM	25	12	20.38	20.56	20.52		
10	16QAM	25	25	20.30	20.34	20.42		
10	16QAM	50	0	20.40	20.56	20.41		
10	64QAM	1	0	20.48	20.56	20.45	22	2
10	64QAM	1	25	20.35	20.50	20.37		
10	64QAM	1	49	20.42	20.51	20.47		
10	64QAM	25	0	19.45	19.58	19.51	21	3
10	64QAM	25	12	19.42	19.51	19.52		
10	64QAM	25	25	19.40	19.45	19.36		
10	64QAM	50	0	19.40	19.54	19.40		
10	256QAM	1	0	17.42	17.62	17.49	19	5
10	256QAM	1	25	17.45	17.44	17.53		
10	256QAM	1	49	17.27	17.39	17.48		
10	256QAM	25	0	17.47	17.65	17.50	19	5
10	256QAM	25	12	17.46	17.54	17.42		
10	256QAM	25	25	17.40	17.53	17.43		
10	256QAM	50	0	17.41	17.59	17.42		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.48	22.58	22.48	24	0
5	QPSK	1	12	22.34	22.47	22.45		
5	QPSK	1	24	22.34	22.45	22.38		
5	QPSK	12	0	21.52	21.62	21.46	23	1
5	QPSK	12	7	21.44	21.53	21.53		
5	QPSK	12	13	21.30	21.50	21.38		
5	QPSK	25	0	21.44	21.51	21.47		
5	16QAM	1	0	21.45	21.53	21.40	23	1
5	16QAM	1	12	21.35	21.52	21.39		
5	16QAM	1	24	21.41	21.49	21.43		
5	16QAM	12	0	20.52	20.53	20.51	22	2
5	16QAM	12	7	20.44	20.55	20.48		
5	16QAM	12	13	20.28	20.35	20.42		
5	16QAM	25	0	20.41	20.51	20.49		
5	64QAM	1	0	20.49	20.53	20.42	22	2
5	64QAM	1	12	20.26	20.49	20.46		
5	64QAM	1	24	20.44	20.55	20.43		
5	64QAM	12	0	19.38	19.53	19.53	21	3
5	64QAM	12	7	19.34	19.47	19.52		
5	64QAM	12	13	19.38	19.38	19.35		
5	64QAM	25	0	19.47	19.54	19.41		
5	256QAM	1	0	17.51	17.63	17.48	19	5
5	256QAM	1	12	17.39	17.45	17.56		
5	256QAM	1	24	17.37	17.48	17.43		
5	256QAM	12	0	17.50	17.64	17.43	19	5
5	256QAM	12	7	17.49	17.52	17.49		
5	256QAM	12	13	17.37	17.49	17.42		
5	256QAM	25	0	17.32	17.57	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.89	18.12	18.02	19.1	0
20	QPSK	1	49	18.04	18.01	17.98		
20	QPSK	1	99	18.04	18.05	17.90		
20	QPSK	50	0	18.03	18.11	17.97		
20	QPSK	50	24	17.88	18.09	18.02	19.1	0
20	QPSK	50	50	17.99	18.03	17.95		
20	QPSK	100	0	17.96	18.06	17.94		
20	16QAM	1	0	17.99	18.02	17.96		
20	16QAM	1	49	18.01	18.01	18.07	19.1	0
20	16QAM	1	99	17.87	18.05	18.02		
20	16QAM	50	0	18.00	18.00	17.90		
20	16QAM	50	24	18.04	18.03	18.00	19.1	0
20	16QAM	50	50	17.93	18.05	18.02		
20	16QAM	100	0	18.00	18.07	18.03		
20	64QAM	1	0	17.90	18.05	18.09		
20	64QAM	1	49	17.93	18.06	17.88	19.1	0
20	64QAM	1	99	18.02	18.05	18.04		
20	64QAM	50	0	17.96	18.07	18.11		
20	64QAM	50	24	17.99	18.04	18.03	19.1	0
20	64QAM	50	50	18.00	17.98	17.98		
20	64QAM	100	0	17.95	18.08	18.04		
20	256QAM	1	0	17.89	18.00	17.94		
20	256QAM	1	49	17.90	17.91	17.89	19	0.1
20	256QAM	1	99	17.91	17.95	17.91		
20	256QAM	50	0	17.85	17.92	17.89		
20	256QAM	50	24	17.84	17.94	17.89	19	0.1
20	256QAM	50	50	17.86	17.91	17.91		
20	256QAM	100	0	17.91	17.97	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.88	18.04	17.90	19.1	0
15	QPSK	1	37	17.85	17.95	17.92		
15	QPSK	1	74	17.91	17.93	17.80		
15	QPSK	36	0	17.89	17.96	17.81		
15	QPSK	36	20	17.80	18.04	17.97	19.1	0
15	QPSK	36	39	17.83	17.92	17.82		
15	QPSK	75	0	17.88	17.97	17.91		
15	16QAM	1	0	17.84	18.01	17.84		
15	16QAM	1	37	17.84	17.95	17.94	19.1	0
15	16QAM	1	74	17.84	17.91	17.91		
15	16QAM	36	0	17.94	17.92	17.90		
15	16QAM	36	20	17.97	17.94	17.87	19.1	0
15	16QAM	36	39	17.86	17.94	17.91		
15	16QAM	75	0	17.81	17.93	17.93		
15	64QAM	1	0	17.83	18.03	17.99		
15	64QAM	1	37	17.86	17.97	17.79	19.1	0
15	64QAM	1	74	17.96	17.92	17.97		
15	64QAM	36	0	17.88	17.97	17.98		
15	64QAM	36	20	17.90	17.97	17.92	19.1	0
15	64QAM	36	39	17.84	17.90	17.93		
15	64QAM	75	0	17.80	18.00	17.91		
15	256QAM	1	0	17.78	17.83	17.78		
15	256QAM	1	37	17.81	17.86	17.76	19	0.1
15	256QAM	1	74	17.84	17.78	17.80		
15	256QAM	36	0	17.67	17.79	17.76		
15	256QAM	36	20	17.69	17.83	17.74	19	0.1
15	256QAM	36	39	17.80	17.83	17.77		
15	256QAM	75	0	17.86	17.81	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
10	QPSK	1	0	17.87	18.01	17.85	19.1	0
10	QPSK	1	25	17.98	17.88	17.86		
10	QPSK	1	49	17.96	17.98	17.80		
10	QPSK	25	0	17.90	18.01	17.79		
10	QPSK	25	12	17.87	18.01	17.98	19.1	0
10	QPSK	25	25	17.81	17.99	17.89		
10	QPSK	50	0	17.88	17.94	17.87		
10	16QAM	1	0	17.89	17.94	17.92		
10	16QAM	1	25	17.87	17.95	17.95	19.1	0
10	16QAM	1	49	17.78	17.86	17.93		
10	16QAM	25	0	17.88	17.85	17.80		
10	16QAM	25	12	17.97	18.01	17.84	19.1	0
10	16QAM	25	25	17.88	17.90	17.97		
10	16QAM	50	0	17.87	17.96	17.88		
10	64QAM	1	0	17.83	18.00	17.98		
10	64QAM	1	25	17.84	17.98	17.89	19.1	0
10	64QAM	1	49	17.88	17.87	18.00		
10	64QAM	25	0	17.92	17.97	17.97		
10	64QAM	25	12	17.92	17.93	17.88	19.1	0
10	64QAM	25	25	17.91	17.90	17.97		
10	64QAM	50	0	17.89	17.92	17.93		
10	256QAM	1	0	17.76	17.84	17.82		
10	256QAM	1	25	17.76	17.80	17.83	19	0.1
10	256QAM	1	49	17.84	17.78	17.76		
10	256QAM	25	0	17.66	17.83	17.77		
10	256QAM	25	12	17.70	17.82	17.80	19	0.1
10	256QAM	25	25	17.69	17.84	17.89		
10	256QAM	50	0	17.81	17.78	17.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.82	18.02	17.94	19.1	0
5	QPSK	1	12	17.89	17.87	17.84		
5	QPSK	1	24	17.98	18.01	17.85		
5	QPSK	12	0	17.92	18.01	17.82		
5	QPSK	12	7	17.86	18.00	17.97	19.1	0
5	QPSK	12	13	17.85	17.94	17.92		
5	QPSK	25	0	17.81	17.89	17.84		
5	16QAM	1	0	17.81	18.04	17.94		
5	16QAM	1	12	17.88	17.95	17.88	19.1	0
5	16QAM	1	24	17.88	17.89	17.97		
5	16QAM	12	0	17.88	17.85	17.81		
5	16QAM	12	7	17.96	17.93	17.89	19.1	0
5	16QAM	12	13	17.92	17.89	17.93		
5	16QAM	25	0	17.89	17.96	17.88		
5	64QAM	1	0	17.88	17.96	17.92		
5	64QAM	1	12	17.92	17.98	17.87	19.1	0
5	64QAM	1	24	17.98	17.95	18.00		
5	64QAM	12	0	17.82	17.98	17.98		
5	64QAM	12	7	17.94	17.94	17.88	19.1	0
5	64QAM	12	13	17.84	17.91	17.93		
5	64QAM	25	0	17.90	17.90	17.95		
5	256QAM	1	0	17.77	17.81	17.80		
5	256QAM	1	12	17.75	17.88	17.78	19	0.1
5	256QAM	1	24	17.82	17.76	17.80		
5	256QAM	12	0	17.77	17.82	17.82		
5	256QAM	12	7	17.70	17.90	17.80	19	0.1
5	256QAM	12	13	17.80	17.82	17.88		
5	256QAM	25	0	17.80	17.84	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.81	18.01	17.87	19.1	0
3	QPSK	1	8	17.96	17.89	17.84		
3	QPSK	1	14	17.97	17.95	17.80		
3	QPSK	8	0	17.88	18.05	17.90		
3	QPSK	8	4	17.77	18.03	17.98	19.1	0
3	QPSK	8	7	17.89	17.96	17.92		
3	QPSK	15	0	17.78	17.89	17.93		
3	16QAM	1	0	17.84	17.95	17.92		
3	16QAM	1	8	17.82	17.95	17.88	19.1	0
3	16QAM	1	14	17.81	17.87	17.92		
3	16QAM	8	0	17.90	17.94	17.87		
3	16QAM	8	4	17.90	17.98	17.86	19.1	0
3	16QAM	8	7	17.83	17.90	17.95		
3	16QAM	15	0	17.83	17.96	17.92		
3	64QAM	1	0	17.90	17.94	17.99		
3	64QAM	1	8	17.86	18.04	17.88	19.1	0
3	64QAM	1	14	17.88	17.91	18.01		
3	64QAM	8	0	17.87	17.97	17.94		
3	64QAM	8	4	17.85	17.91	17.96	19.1	0
3	64QAM	8	7	17.90	17.91	17.91		
3	64QAM	15	0	17.85	17.91	17.86		
3	256QAM	1	0	17.86	17.89	17.85		
3	256QAM	1	8	17.87	17.84	17.81	19	0.1
3	256QAM	1	14	17.81	17.76	17.79		
3	256QAM	8	0	17.77	17.78	17.76		
3	256QAM	8	4	17.66	17.85	17.72	19	0.1
3	256QAM	8	7	17.72	17.86	17.83		
3	256QAM	15	0	17.83	17.88	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.79	18.03	17.86	19.1	0
1.4	QPSK	1	3	17.96	17.96	17.87		
1.4	QPSK	1	5	17.97	17.97	17.85		
1.4	QPSK	3	0	17.88	18.04	17.87		
1.4	QPSK	3	1	17.83	17.97	17.93		
1.4	QPSK	3	3	17.89	18.02	17.87		
1.4	QPSK	6	0	17.85	17.92	17.90	19.1	0
1.4	16QAM	1	0	17.91	17.95	17.94	19.1	0
1.4	16QAM	1	3	17.89	17.90	17.98		
1.4	16QAM	1	5	17.83	17.85	17.97		
1.4	16QAM	3	0	17.93	17.86	17.86		
1.4	16QAM	3	1	17.88	17.91	17.82		
1.4	16QAM	3	3	17.89	17.91	17.96		
1.4	16QAM	6	0	17.89	17.97	17.90	19.1	0
1.4	64QAM	1	0	17.84	18.03	17.91	19.1	0
1.4	64QAM	1	3	17.93	18.03	17.85		
1.4	64QAM	1	5	17.92	17.87	18.00		
1.4	64QAM	3	0	17.86	17.97	18.00		
1.4	64QAM	3	1	17.83	17.92	17.90		
1.4	64QAM	3	3	17.92	17.89	17.93		
1.4	64QAM	6	0	17.85	17.93	17.86	19.1	0
1.4	256QAM	1	0	17.75	17.86	17.79	19	0.1
1.4	256QAM	1	3	17.79	17.83	17.82		
1.4	256QAM	1	5	17.78	17.78	17.82		
1.4	256QAM	3	0	17.70	17.85	17.73		
1.4	256QAM	3	1	17.74	17.89	17.72		
1.4	256QAM	3	3	17.80	17.80	17.78		
1.4	256QAM	6	0	17.84	17.80	17.86	19	0.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.44	18.51	18.32	19.8	0
20	QPSK	1	49	18.35	18.39	18.34		
20	QPSK	1	99	18.35	18.47	18.31		
20	QPSK	50	0	18.36	18.49	18.38		
20	QPSK	50	24	18.34	18.39	18.37	19.8	0
20	QPSK	50	50	18.41	18.43	18.40		
20	QPSK	100	0	18.45	18.46	18.39		
20	16QAM	1	0	18.38	18.44	18.38		
20	16QAM	1	49	18.41	18.45	18.32	19.8	0
20	16QAM	1	99	18.36	18.38	18.39		
20	16QAM	50	0	18.35	18.43	18.40		
20	16QAM	50	24	18.42	18.39	18.37	19.8	0
20	16QAM	50	50	18.43	18.39	18.39		
20	16QAM	100	0	18.35	18.37	18.41		
20	64QAM	1	0	18.44	18.46	18.42		
20	64QAM	1	49	18.34	18.37	18.32	19.8	0
20	64QAM	1	99	18.38	18.49	18.39		
20	64QAM	50	0	18.33	18.48	18.36		
20	64QAM	50	24	18.34	18.40	18.35	19.8	0
20	64QAM	50	50	18.43	18.48	18.38		
20	64QAM	100	0	18.33	18.38	18.34		
20	256QAM	1	0	17.73	17.77	17.60	19	0.8
20	256QAM	1	49	17.65	17.69	17.60		
20	256QAM	1	99	17.63	17.71	17.72		
20	256QAM	50	0	17.63	17.77	17.70		
20	256QAM	50	24	17.69	17.73	17.60	19	0.8
20	256QAM	50	50	17.71	17.75	17.65		
20	256QAM	100	0	17.64	17.75	17.66		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.36	18.32	18.28	19.8	0
15	QPSK	1	37	18.22	18.31	18.30		
15	QPSK	1	74	18.29	18.41	18.17		
15	QPSK	36	0	18.23	18.31	18.33		
15	QPSK	36	20	18.24	18.35	18.28	19.8	0
15	QPSK	36	39	18.27	18.38	18.28		
15	QPSK	75	0	18.36	18.33	18.30		
15	16QAM	1	0	18.32	18.40	18.30	19.8	0
15	16QAM	1	37	18.36	18.39	18.20		
15	16QAM	1	74	18.21	18.23	18.34		
15	16QAM	36	0	18.25	18.29	18.32		
15	16QAM	36	20	18.26	18.32	18.32	19.8	0
15	16QAM	36	39	18.28	18.26	18.28		
15	16QAM	75	0	18.24	18.25	18.33		
15	64QAM	1	0	18.33	18.40	18.36		
15	64QAM	1	37	18.28	18.24	18.21	19.8	0
15	64QAM	1	74	18.24	18.37	18.32		
15	64QAM	36	0	18.20	18.35	18.32		
15	64QAM	36	20	18.28	18.28	18.29	19.8	0
15	64QAM	36	39	18.38	18.42	18.32		
15	64QAM	75	0	18.18	18.27	18.21		
15	256QAM	1	0	17.65	17.65	17.53		
15	256QAM	1	37	17.58	17.65	17.47	19	0.8
15	256QAM	1	74	17.53	17.67	17.62		
15	256QAM	36	0	17.54	17.67	17.65		
15	256QAM	36	20	17.59	17.68	17.44	19	0.8
15	256QAM	36	39	17.61	17.64	17.49		
15	256QAM	75	0	17.58	17.68	17.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.32	18.32	18.26	19.8	0
10	QPSK	1	25	18.20	18.31	18.28		
10	QPSK	1	49	18.26	18.35	18.27		
10	QPSK	25	0	18.23	18.32	18.34		
10	QPSK	25	12	18.22	18.23	18.31	19.8	0
10	QPSK	25	25	18.25	18.30	18.29		
10	QPSK	50	0	18.34	18.39	18.23		
10	16QAM	1	0	18.26	18.29	18.27		
10	16QAM	1	25	18.29	18.38	18.27	19.8	0
10	16QAM	1	49	18.27	18.28	18.34		
10	16QAM	25	0	18.27	18.31	18.33		
10	16QAM	25	12	18.27	18.29	18.22	19.8	0
10	16QAM	25	25	18.30	18.33	18.24		
10	16QAM	50	0	18.26	18.21	18.33		
10	64QAM	1	0	18.36	18.35	18.35		
10	64QAM	1	25	18.29	18.22	18.19	19.8	0
10	64QAM	1	49	18.23	18.41	18.28		
10	64QAM	25	0	18.24	18.41	18.32		
10	64QAM	25	12	18.26	18.34	18.30	19.8	0
10	64QAM	25	25	18.28	18.40	18.23		
10	64QAM	50	0	18.27	18.32	18.23		
10	256QAM	1	0	17.60	17.69	17.47	19	0.8
10	256QAM	1	25	17.58	17.54	17.55		
10	256QAM	1	49	17.49	17.60	17.65		
10	256QAM	25	0	17.56	17.66	17.57	19	0.8
10	256QAM	25	12	17.62	17.62	17.62		
10	256QAM	25	25	17.60	17.60	17.58		
10	256QAM	50	0	17.58	17.65	17.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.39	18.31	18.23	19.8	0
5	QPSK	1	12	18.24	18.27	18.18		
5	QPSK	1	24	18.27	18.39	18.21		
5	QPSK	12	0	18.27	18.33	18.33		
5	QPSK	12	7	18.21	18.33	18.27	19.8	0
5	QPSK	12	13	18.35	18.36	18.27		
5	QPSK	25	0	18.31	18.34	18.25		
5	16QAM	1	0	18.32	18.34	18.25	19.8	0
5	16QAM	1	12	18.30	18.38	18.24		
5	16QAM	1	24	18.24	18.24	18.24		
5	16QAM	12	0	18.23	18.30	18.35		
5	16QAM	12	7	18.29	18.31	18.30	19.8	0
5	16QAM	12	13	18.33	18.32	18.33		
5	16QAM	25	0	18.26	18.24	18.31		
5	64QAM	1	0	18.40	18.36	18.33	19.8	0
5	64QAM	1	12	18.25	18.26	18.23		
5	64QAM	1	24	18.30	18.42	18.28		
5	64QAM	12	0	18.27	18.43	18.26	19.8	0
5	64QAM	12	7	18.28	18.31	18.25		
5	64QAM	12	13	18.37	18.44	18.30		
5	64QAM	25	0	18.21	18.24	18.26		
5	256QAM	1	0	17.67	17.70	17.54	19	0.8
5	256QAM	1	12	17.50	17.53	17.47		
5	256QAM	1	24	17.50	17.60	17.67		
5	256QAM	12	0	17.50	17.69	17.55	19	0.8
5	256QAM	12	7	17.54	17.60	17.48		
5	256QAM	12	13	17.66	17.69	17.56		
5	256QAM	25	0	17.58	17.61	17.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.07		19.4	0
10	QPSK	1	25		18.00			
10	QPSK	1	49		17.94			
10	QPSK	25	0		17.91			
10	QPSK	25	12		17.89		19.4	0
10	QPSK	25	25		17.86			
10	QPSK	50	0		17.85			
10	16QAM	1	0		18.04			
10	16QAM	1	25		17.93		19.4	0
10	16QAM	1	49		17.95			
10	16QAM	25	0		17.96			
10	16QAM	25	12		17.99		19.4	0
10	16QAM	25	25		17.99			
10	16QAM	50	0		17.97			
10	64QAM	1	0		17.93			
10	64QAM	1	25		17.97		19.4	0
10	64QAM	1	49		17.93			
10	64QAM	25	0		17.97			
10	64QAM	25	12		17.93		19.4	0
10	64QAM	25	25		17.85			
10	64QAM	50	0		17.95			
10	256QAM	1	0		18.01			
10	256QAM	1	25		18.00		19	0.4
10	256QAM	1	49		17.86			
10	256QAM	25	0		18.00			
10	256QAM	25	12		17.98		19	0.4
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.97			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.96	17.92	17.97	19.4	0
5	QPSK	1	12	17.93	17.85	17.95		
5	QPSK	1	24	17.85	17.81	17.89		
5	QPSK	12	0	17.75	17.83	17.85	19.4	0
5	QPSK	12	7	17.75	17.79	17.78		
5	QPSK	12	13	17.72	17.74	17.76		
5	QPSK	25	0	17.72	17.75	17.74		
5	16QAM	1	0	17.89	17.95	17.93	19.4	0
5	16QAM	1	12	17.82	17.85	17.78		
5	16QAM	1	24	17.85	17.86	17.86		
5	16QAM	12	0	17.92	17.83	17.91		
5	16QAM	12	7	17.88	17.86	17.90	19.4	0
5	16QAM	12	13	17.84	17.89	17.95		
5	16QAM	25	0	17.81	17.81	17.91		
5	64QAM	1	0	17.87	17.86	17.86	19.4	0
5	64QAM	1	12	17.85	17.82	17.88		
5	64QAM	1	24	17.84	17.77	17.83		
5	64QAM	12	0	17.82	17.83	17.83	19.4	0
5	64QAM	12	7	17.77	17.81	17.84		
5	64QAM	12	13	17.73	17.73	17.79		
5	64QAM	25	0	17.82	17.79	17.85		
5	256QAM	1	0	17.69	17.91	17.97	19	0.4
5	256QAM	1	12	17.86	17.92	17.86		
5	256QAM	1	24	17.81	17.70	17.79		
5	256QAM	12	0	17.87	17.85	17.93	19	0.4
5	256QAM	12	7	17.84	17.88	17.92		
5	256QAM	12	13	17.73	17.74	17.72		
5	256QAM	25	0	17.87	17.93	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.33	18.39	18.32	19.4	0
20	QPSK	1	49	18.25	18.28	18.31		
20	QPSK	1	99	18.30	18.32	18.29		
20	QPSK	50	0	18.25	18.35	18.22		
20	QPSK	50	24	18.30	18.30	18.26	19.4	0
20	QPSK	50	50	18.26	18.27	18.19		
20	QPSK	100	0	18.28	18.29	18.27		
20	16QAM	1	0	18.34	18.31	18.30		
20	16QAM	1	49	18.34	18.31	18.31	19.4	0
20	16QAM	1	99	18.29	18.29	18.26		
20	16QAM	50	0	18.34	18.32	18.24		
20	16QAM	50	24	18.24	18.26	18.21	19.4	0
20	16QAM	50	50	18.33	18.26	18.30		
20	16QAM	100	0	18.34	18.36	18.28		
20	64QAM	1	0

Band 2 Ant 3 DSI11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.67	21.80	21.69	23.1	0
20	QPSK	1	49	21.73	21.71	21.72		
20	QPSK	1	99	21.71	21.74	21.74		
20	QPSK	50	0	21.62	21.72	21.60	23	0.1
20	QPSK	50	24	21.62	21.56	21.63		
20	QPSK	50	50	21.59	21.65	21.61		
20	QPSK	100	0	21.56	21.61	21.58		
20	16QAM	1	0	21.53	21.55	21.66	23	0.1
20	16QAM	1	49	21.47	21.64	21.60		
20	16QAM	1	99	21.75	21.53	21.62		
20	16QAM	50	0	20.63	20.61	20.63	22	1.1
20	16QAM	50	24	20.62	20.63	20.58		
20	16QAM	50	50	20.71	20.64	20.60		
20	16QAM	100	0	20.66	20.79	20.70		
20	64QAM	1	0	20.68	20.63	20.61	22	1.1
20	64QAM	1	49	20.51	20.61	20.52		
20	64QAM	1	99	20.68	20.62	20.60		
20	64QAM	50	0	19.55	19.58	19.56	21	2.1
20	64QAM	50	24	19.59	19.65	19.56		
20	64QAM	50	50	19.69	19.57	19.55		
20	64QAM	100	0	19.64	19.67	19.58		
20	256QAM	1	0	17.53	17.57	17.64	19	4.1
20	256QAM	1	49	17.62	17.63	17.56		
20	256QAM	1	99	17.56	17.58	17.56		
20	256QAM	50	0	17.70	17.66	17.58	19	4.1
20	256QAM	50	24	17.59	17.62	17.62		
20	256QAM	50	50	17.65	17.61	17.63		
20	256QAM	100	0	17.70	17.65	17.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.60	21.66	21.60	23.1	0
15	QPSK	1	37	21.65	21.57	21.68		
15	QPSK	1	74	21.66	21.60	21.63		
15	QPSK	36	0	21.57	21.59	21.47	23	0.1
15	QPSK	36	20	21.55	21.45	21.58		
15	QPSK	36	39	21.54	21.41	21.51		
15	QPSK	75	0	21.49	21.49	21.47		
15	16QAM	1	0	21.39	21.43	21.57	23	0.1
15	16QAM	1	37	21.35	21.60	21.46		
15	16QAM	1	74	21.67	21.48	21.58		
15	16QAM	36	0	20.51	20.50	20.51	22	1.1
15	16QAM	36	20	20.47	20.58	20.45		
15	16QAM	36	39	20.66	20.53	20.54		
15	16QAM	75	0	20.54	20.69	20.65		
15	64QAM	1	0	20.63	20.53	20.51	22	1.1
15	64QAM	1	37	20.37	20.48	20.46		
15	64QAM	1	74	20.60	20.47	20.56		
15	64QAM	36	0	19.43	19.53	19.44	21	2.1
15	64QAM	36	20	19.50	19.57	19.52		
15	64QAM	36	39	19.57	19.44	19.51		
15	64QAM	75	0	19.59	19.62	19.45		
15	256QAM	1	0	17.43	17.50	17.56	19	4.1
15	256QAM	1	37	17.51	17.55	17.43		
15	256QAM	1	74	17.46	17.48	17.42		
15	256QAM	36	0	17.57	17.52	17.50	19	4.1
15	256QAM	36	20	17.51	17.57	17.47		
15	256QAM	36	39	17.52	17.49	17.50		
15	256QAM	75	0	17.54	17.46	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.59	21.67	21.60	23.1	0
10	QPSK	1	25	21.58	21.63	21.63		
10	QPSK	1	49	21.58	21.61	21.66		
10	QPSK	25	0	21.46	21.58	21.50	23	0.1
10	QPSK	25	12	21.55	21.47	21.52		
10	QPSK	25	25	21.53	21.39	21.45		
10	QPSK	50	0	21.49	21.50	21.45		
10	16QAM	1	0	21.42	21.47	21.56	23	0.1
10	16QAM	1	25	21.32	21.56	21.52		
10	16QAM	1	49	21.62	21.44	21.47		
10	16QAM	25	0	20.54	20.52	20.53	22	1.1
10	16QAM	25	12	20.54	20.53	20.46		
10	16QAM	25	25	20.60	20.49	20.48		
10	16QAM	50	0	20.52	20.63	20.66		
10	64QAM	1	0	20.61	20.52	20.45	22	1.1
10	64QAM	1	25	20.35	20.56	20.40		
10	64QAM	1	49	20.57	20.49	20.55		
10	64QAM	25	0	19.43	19.43	19.41	21	2.1
10	64QAM	25	12	19.47	19.60	19.42		
10	64QAM	25	25	19.54	19.43	19.45		
10	64QAM	50	0	19.60	19.59	19.53		
10	256QAM	1	0	17.38	17.50	17.49	19	4.1
10	256QAM	1	25	17.55	17.55	17.52		
10	256QAM	1	49	17.49	17.45	17.49		
10	256QAM	25	0	17.63	17.60	17.48	19	4.1
10	256QAM	25	12	17.53	17.49	17.57		
10	256QAM	25	25	17.50	17.46	17.51		
10	256QAM	50	0	17.63	17.44	17.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.61	21.72	21.57	23.1	0
5	QPSK	1	12	21.68	21.63	21.67		
5	QPSK	1	24	21.59	21.67	21.64		
5	QPSK	12	0	21.47	21.61	21.55	23	0.1
5	QPSK	12	7	21.56	21.47	21.48		
5	QPSK	12	13	21.46	21.47	21.51		
5	QPSK	25	0	21.43	21.49	21.47		
5	16QAM	1	0	21.47	21.43	21.59	23	0.1
5	16QAM	1	12	21.36	21.54	21.44		
5	16QAM	1	24	21.70	21.45	21.56		
5	16QAM	12	0	20.50	20.47	20.55	22	1.1
5	16QAM	12	7	20.55	20.59	20.53		
5	16QAM	12	13	20.57	20.51	20.54		
5	16QAM	25	0	20.51	20.66	20.65		
5	64QAM	1	0	20.61	20.52	20.56	22	1.1
5	64QAM	1	12	20.42	20.54	20.38		
5	64QAM	1	24	20.59	20.54	20.47		
5	64QAM	12	0	19.45	19.52	19.45	21	2.1
5	64QAM	12	7	19.47	19.55	19.51		
5	64QAM	12	13	19.64	19.50	19.44		
5	64QAM	25	0	19.49	19.56	19.51		
5	256QAM	1	0	17.44	17.53	17.50	19	4.1
5	256QAM	1	12	17.48	17.58	17.46		
5	256QAM	1	24	17.49	17.52	17.49		
5	256QAM	12	0	17.60	17.60	17.43	19	4.1
5	256QAM	12	7	17.50	17.50	17.48		
5	256QAM	12	13	17.54	17.48	17.54		
5	256QAM	25	0	17.62	17.50	17.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.54	21.76	21.62	23.1	0
3	QPSK	1	8	21.68	21.63	21.66		
3	QPSK	1	14	21.63	21.63	21.61		
3	QPSK	8	0	21.53	21.59	21.49	23	0.1
3	QPSK	8	4	21.56	21.43	21.59		
3	QPSK	8	7	21.45	21.43	21.46		
3	QPSK	15	0	21.42	21.56	21.48		
3	16QAM	1	0	21.48	21.41	21.56	23	0.1
3	16QAM	1	8	21.40	21.54	21.55		
3	16QAM	1	14	21.63	21.42	21.56		
3	16QAM	8	0	20.56	20.47	20.55	22	1.1
3	16QAM	8	4	20.52	20.53	20.48		
3	16QAM	8	7	20.63	20.52	20.46		
3	16QAM	15	0	20.60	20.67	20.63		
3	64QAM	1	0	20.61	20.55	20.54	22	1.1
3	64QAM	1	8	20.42	20.47	20.36		
3	64QAM	1	14	20.57	20.48	20.53		
3	64QAM	8	0	19.42	19.50	19.49	21	2.1
3	64QAM	8	4	19.53	19.50	19.41		
3	64QAM	8	7	19.58	19.50	19.42		
3	64QAM	15	0	19.52	19.51	19.45		
3	256QAM	1	0	17.38	17.42	17.48	19	4.1
3	256QAM	1	8	17.47	17.54	17.50		
3	256QAM	1	14	17.49	17.53	17.48		
3	256QAM	8	0	17.62	17.52	17.43	19	4.1
3	256QAM	8	4	17.51	17.49	17.55		
3	256QAM	8	7	17.61	17.55	17.50		
3	256QAM	15	0	17.66	17.46	17.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.58	21.61	21.64	23.1	0
1.4	QPSK	1	3	21.52	21.60	21.64		
1.4	QPSK	1	5	21.70	21.64	21.64		
1.4	QPSK	3	0	21.54	21.47	21.45		
1.4	QPSK	3	1	21.51	21.49	21.51		
1.4	QPSK	3	3	21.47	21.43	21.55		
1.4	QPSK	6	0	21.46	21.55	21.53	23	0.1
1.4	16QAM	1	0	21.40	21.48	21.48	23	0.1
1.4	16QAM	1	3	21.44	21.54	21.57		
1.4	16QAM	1	5	21.68	21.49	21.46		
1.4	16QAM	3	0	21.60	21.66	21.61		
1.4	16QAM	3	1	21.50	21.62	21.53		
1.4	16QAM	3	3	21.64	21.62	21.65		
1.4	16QAM	6	0	20.68	20.67	20.66	22	1.1
1.4	64QAM	1	0	20.63	20.63	20.67	22	1.1
1.4	64QAM	1	3	20.58	20.60	20.59		
1.4	64QAM	1	5	20.54	20.53	20.52		
1.4	64QAM	3	0	20.52	20.56	20.47		
1.4	64QAM	3	1	20.60	20.47	20.50		
1.4	64QAM	3	3	20.56	20.54	20.44		
1.4	64QAM	6	0	19.69	19.62	19.51	21	2.1
1.4	256QAM	1	0	17.65	17.68	17.57	19	4.1
1.4	256QAM	1	3	17.59	17.66	17.62		
1.4	256QAM	1	5	17.56	17.56	17.64		
1.4	256QAM	3	0	17.52	17.59	17.56		
1.4	256QAM	3	1	17.49	17.51	17.41		
1.4	256QAM	3	3	17.49	17.40	17.55		
1.4	256QAM	6	0	17.58	17.51	17.47	19	4.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.46	21.53	21.41	22.5	0
20	QPSK	1	49	21.48	21.42	21.37		
20	QPSK	1	99	21.42	21.46	21.43		
20	QPSK	50	0	21.38	21.50	21.39	22.5	0
20	QPSK	50	24	21.41	21.45	21.37		
20	QPSK	50	50	21.36	21.47	21.37		
20	QPSK	100	0	21.39	21.51	21.43		
20	16QAM	1	0	21.39	21.49	21.36	22.5	0
20	16QAM	1	49	21.46	21.45	21.42		
20	16QAM	1	99	21.40	21.51	21.46		
20	16QAM	50	0	20.94	20.94	20.93	22	0.5
20	16QAM	50	24	20.88	20.99	20.91		
20	16QAM	50	50	20.95	21.00	20.85		
20	16QAM	100	0	20.97	21.01	20.93		
20	64QAM	1	0	20.92	21.00	20.92	22	0.5
20	64QAM	1	49	20.87	20.95	20.95		
20	64QAM	1	99	20.88	21.01	20.87		
20	64QAM	50	0	19.46	19.43	19.41	21	1.5
20	64QAM	50	24	19.37	19.50	19.44		
20	64QAM	50	50	19.46	19.49	19.39		
20	64QAM	100	0	19.42	19.51	19.42		
20	256QAM	1	0	17.92	18.06	17.91	19	3.5
20	256QAM	1	49	18.00	18.00	17.86		
20	256QAM	1	99	17.96	18.01	17.87		
20	256QAM	50	0	17.99	18.09	17.90	19	3.5
20	256QAM	50	24	17.94	18.03	17.85		
20	256QAM	50	50	17.90	18.02	17.93		
20	256QAM	100	0	17.98	18.09	17.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.40	21.48	21.36	22.5	0
15	QPSK	1	37	21.43	21.34	21.33		
15	QPSK	1	74	21.28	21.37	21.35		
15	QPSK	36	0	21.23	21.40	21.24	22.5	0
15	QPSK	36	20	21.36	21.41	21.23		
15	QPSK	36	39	21.22	21.39	21.21		
15	QPSK	75	0	21.26	21.42	21.35		
15	16QAM	1	0	21.24	21.43	21.21	22.5	0
15	16QAM	1	37	21.34	21.32	21.28		
15	16QAM	1	74	21.29	21.39	21.36		
15	16QAM	36	0	20.80	20.88	20.78	22	0.5
15	16QAM	36	20	20.83	20.88	20.81		
15	16QAM	36	39	20.90	20.92	20.77		
15	16QAM	75	0	20.86	20.86	20.78		
15	64QAM	1	0	20.86	20.91	20.77	22	0.5
15	64QAM	1	37	20.83	20.80	20.82		
15	64QAM	1	74	20.74	20.93	20.80		
15	64QAM	36	0	19.33	19.28	19.26	21	1.5
15	64QAM	36	20	19.22	19.38	19.31		
15	64QAM	36	39	19.37	19.43	19.25		
15	64QAM	75	0	19.34	19.45	19.32		
15	256QAM	1	0	17.87	17.98	17.76	19	3.5
15	256QAM	1	37	17.95	17.89	17.71		
15	256QAM	1	74	17.87	17.90	17.79		
15	256QAM	36	0	17.85	17.97	17.81	19	3.5
15	256QAM	36	20	17.86	17.88	17.77		
15	256QAM	36	39	17.84	17.97	17.79		
15	256QAM	75	0	17.92	17.99	17.88		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.32	21.38	21.26	22.5	0
10	QPSK	1	25	21.34	21.38	21.26		
10	QPSK	1	49	21.27	21.32	21.29		
10	QPSK	25	0	21.30	21.40	21.27	22.5	0
10	QPSK	25	12	21.33	21.34	21.31		
10	QPSK	25	25	21.21	21.37	21.27		
10	QPSK	50	0	21.27	21.35	21.36		
10	16QAM	1	0	21.31	21.35	21.23	22.5	0
10	16QAM	1	25	21.32	21.34	21.33		
10	16QAM	1	49	21.29	21.46	21.37		
10	16QAM	25	0	20.81	20.79	20.87	22	0.5
10	16QAM	25	12	20.74	20.85	20.76		
10	16QAM	25	25	20.87	20.93	20.70		
10	16QAM	50	0	20.85	20.90	20.83		
10	64QAM	1	0	20.79	20.86	20.78	22	0.5
10	64QAM	1	25	20.74	20.86	20.80		
10	64QAM	1	49	20.82	20.97	20.72		
10	64QAM	25	0	19.38	19.38	19.25	21	1.5
10	64QAM	25	12	19.25	19.40	19.39		
10	64QAM	25	25	19.36	19.42	19.30		
10	64QAM	50	0	19.31	19.43	19.38		
10	256QAM	1	0	17.79	18.01	17.87	19	3.5
10	256QAM	1	25	17.84	17.87	17.76		
10	256QAM	1	49	17.81	17.91	17.81		
10	256QAM	25	0	17.94	18.02	17.86	19	3.5
10	256QAM	25	12	17.79	17.96	17.80		
10	256QAM	25	25	17.85	17.98	17.81		
10	256QAM	50	0	17.87	18.04	17.80		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.32	21.38	21.30	22.5	0
5	QPSK	1	12	21.35	21.34	21.24		
5	QPSK	1	24	21.30	21.39	21.37		
5	QPSK	12	0	21.34	21.34	21.32	22.5	0
5	QPSK	12	7	21.25	21.34	21.30		
5	QPSK	12	13	21.25	21.43	21.24		
5	QPSK	25	0	21.33	21.38	21.37		
5	16QAM	1	0	21.30	21.40	21.21	22.5	0
5	16QAM	1	12	21.36	21.36	21.37		
5	16QAM	1	24	21.31	21.44	21.31		
5	16QAM	12	0	20.88	20.80	20.80	22	0.5
5	16QAM	12	7	20.79	20.92	20.77		
5	16QAM	12	13	20.90	20.89	20.78		
5	16QAM	25	0	20.83	20.96	20.78		
5	64QAM	1	0	20.88	20.86	20.82	22	0.5
5	64QAM	1	12	20.77	20.91	20.85		
5	64QAM	1	24	20.81	20.90	20.79		
5	64QAM	12	0	19.32	19.34	19.27	21	1.5
5	64QAM	12	7	19.33	19.38	19.31		
5	64QAM	12	13	19.42	19.38	19.25		
5	64QAM	25	0	19.36	19.37	19.28		
5	256QAM	1	0	17.81	17.91	17.83	19	3.5
5	256QAM	1	12	17.85	17.91	17.81		
5	256QAM	1	24	17.90	17.95	17.82		
5	256QAM	12	0	17.93	18.04	17.81	19	3.5
5	256QAM	12	7	17.82	17.96	17.78		
5	256QAM	12	13	17.82	17.97	17.78		
5	256QAM	25	0	17.89	17.97	17.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.41	21.41	21.34	22.5	0
3	QPSK	1	8	21.44	21.36	21.33		
3	QPSK	1	14	21.35	21.40	21.38		
3	QPSK	8	0	21.29	21.45	21.31	22.5	0
3	QPSK	8	4	21.27	21.41	21.30		
3	QPSK	8	7	21.26	21.37	21.26		
3	QPSK	15	0	21.34	21.47	21.29		
3	16QAM	1	0	21.26	21.34	21.30	22.5	0
3	16QAM	1	8	21.33	21.32	21.37		
3	16QAM	1	14	21.31	21.42	21.34		
3	16QAM	8	0	20.84	20.80	20.88	22	0.5
3	16QAM	8	4	20.78	20.88	20.82		
3	16QAM	8	7	20.91	20.85	20.81		
3	16QAM	15	0	20.82	20.97	20.85		
3	64QAM	1	0	20.81	20.92	20.80	22	0.5
3	64QAM	1	8	20.73	20.79	20.84		
3	64QAM	1	14	20.82	20.95	20.76		
3	64QAM	8	0	19.37	19.36	19.32	21	1.5
3	64QAM	8	4	19.24	19.44	19.35		
3	64QAM	8	7	19.32	19.39	19.28		
3	64QAM	15	0	19.28	19.35	19.36		
3	256QAM	1	0	17.78	18.01	17.82	19	3.5
3	256QAM	1	8	17.96	17.94	17.75		
3	256QAM	1	14	17.91	17.96	17.76		
3	256QAM	8	0	17.94	17.97	17.82	19	3.5
3	256QAM	8	4	17.85	17.94	17.72		
3	256QAM	8	7	17.86	17.89	17.80		
3	256QAM	15	0	17.83	17.94	17.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.31	21.38	21.29	22.5	0
1.4	QPSK	1	3	21.38	21.35	21.23		
1.4	QPSK	1	5	21.28	21.36	21.39		
1.4	QPSK	3	0	21.34	21.38	21.35		
1.4	QPSK	3	1	21.26	21.31	21.26		
1.4	QPSK	3	3	21.27	21.36	21.23		
1.4	QPSK	6	0	21.34	21.45	21.35	22.5	0
1.4	16QAM	1	0	21.35	21.33	21.25	22.5	0
1.4	16QAM	1	3	21.34	21.41	21.30		
1.4	16QAM	1	5	21.31	21.37	21.33		
1.4	16QAM	3	0	21.22	21.31	21.13		
1.4	16QAM	3	1	21.17	21.22	21.20		
1.4	16QAM	3	3	21.22	21.28	21.23		
1.4	16QAM	6	0	20.84	20.88	20.77	22	0.5
1.4	64QAM	1	0	20.80	20.82	20.84	22	0.5
1.4	64QAM	1	3	20.82	20.87	20.83		
1.4	64QAM	1	5	20.84	20.90	20.74		
1.4	64QAM	3	0	20.83	20.92	20.84		
1.4	64QAM	3	1	20.81	20.91	20.73		
1.4	64QAM	3	3	20.76	20.84	20.77		
1.4	64QAM	6	0	19.79	19.85	19.75	21	1.5
1.4	256QAM	1	0	17.75	17.87	17.74	19	3.5
1.4	256QAM	1	3	17.84	17.88	17.77		
1.4	256QAM	1	5	17.81	17.94	17.73		
1.4	256QAM	3	0	17.82	17.82	17.82		
1.4	256QAM	3	1	17.78	17.91	17.78		
1.4	256QAM	3	3	17.86	17.90	17.79		
1.4	256QAM	6	0	17.75	17.85	17.75	19	3.5

Full & Default Power

n2 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.37	22.48	22.43	24.0	0.0
40	PI/2 BPSK	1	108	22.39	22.48	22.43		
40	PI/2 BPSK	1	214	22.42	22.46	22.56		
40	PI/2 BPSK	108	0	22.11	22.13	22.12	23.5	0.5
40	PI/2 BPSK	108	54	22.47	22.39	22.54	24.0	0.0
40	PI/2 BPSK	108	108	21.97	22.17	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.04	22.09	22.16		
40	QPSK	1	1	22.52	22.64	22.55	24.0	0.0
40	QPSK	1	108	22.51	22.58	22.56		
40	QPSK	1	214	22.41	22.41	22.55		
40	QPSK	108	0	21.42	21.54	21.59	23.0	1.0
40	QPSK	108	54	22.42	22.50	22.33	24.0	0.0
40	QPSK	108	108	21.53	21.55	21.47	23.0	1.0
40	QPSK	216	0	21.45	21.69	21.59		
40	16QAM	1	1	21.45	21.63	21.55	23.0	1.0
40	64QAM	1	1	20.14	19.98	20.13	21.5	2.5
40	256QAM	1	1	18.07	18.07	18.04	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.43	22.57	22.46	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.37	22.57	22.45	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.47	22.59	22.40	0.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.42	22.57	22.40	0.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.43	22.54	22.40	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.46	22.50	22.45	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.41	22.55	22.49	24.0	0.0

n5 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.16	23.26	23.23	24.0	0.0
20	PI/2 BPSK	1	53	23.15	23.26	23.27		
20	PI/2 BPSK	1	104	23.18	23.29	23.31		
20	PI/2 BPSK	50	0	22.91	22.93	22.87	23.5	0.5
20	PI/2 BPSK	50	28	23.23	23.24	23.28	24.0	0.0
20	PI/2 BPSK	50	56	22.81	22.95	22.88	23.5	0.5
20	PI/2 BPSK	100	0	22.82	22.85	22.95		
20	QPSK	1	1	23.29	23.39	23.33	24.0	0.0
20	QPSK	1	53	23.25	23.34	23.33		
20	QPSK	1	104	23.22	23.25	23.35		
20	QPSK	50	0	22.24	22.36	22.39	23.0	1.0
20	QPSK	50	28	23.23	23.29	23.18	24.0	0.0
20	QPSK	50	56	22.38	22.40	22.26	23.0	1.0
20	QPSK	100	0	22.27	22.49	22.35		
20	16QAM	1	1	22.30	22.39	22.35	23.0	1.0
20	64QAM	1	1	20.91	20.83	20.91	21.5	2.5
20	256QAM	1	1	18.82	18.92	18.80	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.34	23.22	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.24	23.24	23.20	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.21	23.23	23.20	24.0	0.0

n7 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.76	22.81	22.82	24.0	0.0
50	PI/2 BPSK	1	135	22.74	22.83	22.79		
50	PI/2 BPSK	1	268	22.74	22.89	22.89		
50	PI/2 BPSK	135	0	22.51	22.46	22.40	23.5	0.5
50	PI/2 BPSK	135	68	22.74	22.82	22.88	24.0	0.0
50	PI/2 BPSK	135	135	22.35	22.47	22.39	23.5	0.5
50	PI/2 BPSK	270	0	22.37	22.44	22.51		
50	QPSK	1	1	22.82	22.92	22.91	24.0	0.0
50	QPSK	1	135	22.84	22.91	22.84		
50	QPSK	1	268	22.82	22.84	22.90		
50	QPSK	135	0	21.81	21.89	21.94	23.0	1.0
50	QPSK	135	68	22.72	22.87	22.73	24.0	0.0
50	QPSK	135	135	21.96	22.01	21.79	23.0	1.0
50	QPSK	270	0	21.82	22.07	21.89		
50	16QAM	1	1	21.84	21.99	21.90	23.0	1.0
50	64QAM	1	1	20.48	20.42	20.43	21.5	2.5
50	256QAM	1	1	18.39	18.42	18.38	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.71	22.79	22.80	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.72	22.80	22.79	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.69	22.81	22.86	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.74	22.77	22.76	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.74	22.77	22.86	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.73	22.88	22.77	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.69	22.82	22.85	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.71	22.82	22.82	24.0	0.0

n12 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.49	23.54	23.54	24.5	0.0
15	PI/2 BPSK	1	40	23.48	23.55	23.55		
15	PI/2 BPSK	1	77	23.50	23.54	23.58		
15	PI/2 BPSK	36	0	23.10	23.13	23.15	24.0	0.5
15	PI/2 BPSK	36	22	23.40	23.52	23.55	24.5	0.0
15	PI/2 BPSK	36	43	23.14	23.17	23.11	24.0	0.5
15	PI/2 BPSK	75	0	23.11	23.11	23.10		
15	QPSK	1	1	23.60	23.64	23.60	24.5	0.0
15	QPSK	1	40	23.51	23.55	23.52		
15	QPSK	1	77	23.46	23.48	23.58		
15	QPSK	36	0	22.55	22.71	22.65	23.5	1.0
15	QPSK	36	22	23.51	23.60	23.40	24.5	0.0
15	QPSK	36	43	22.57	22.62	22.52	23.5	1.0
15	QPSK	75	0	22.49	22.74	22.68		
15	16QAM	1	1	22.55	22.72	22.52	23.5	1.0
15	64QAM	1	1	21.13	21.18	21.19	22.0	2.5
	256QAM	1	1	19.16	19.24	19.12	20.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.48	23.53	23.45	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.49	23.59	23.56	24.5	0.0

n14 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.66		24.5	0.0
10	PI/2 BPSK	1	26		23.55			
10	PI/2 BPSK	1	50		23.52			
10	PI/2 BPSK	25	0		23.18		24.0	0.5
10	PI/2 BPSK	25	14		23.59		24.5	0.0
10	PI/2 BPSK	25	27		23.27		24.0	0.5
10	PI/2 BPSK	50	0		23.05			
10	QPSK	1	1		23.70		24.5	0.0
10	QPSK	1	26		23.61			
10	QPSK	1	50		23.47			
10	QPSK	25	0		22.72		23.5	1.0
10	QPSK	25	14		23.61		24.5	0.0
10	QPSK	25	27		22.57		23.5	1.0
10	QPSK	50	0		22.68			
10	16QAM	1	1		22.66		23.5	1.0
10	64QAM	1	1		21.19		22.0	2.5
10	256QAM	1	1		19.16		20.0	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.61	23.57	23.55	24.5	0.0

n25 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	22.38	22.51	22.52	24.0	0.0
45	PI/2 BPSK	1	120	22.46	22.51	22.53		
45	PI/2 BPSK	1	240	22.42	22.55	22.55		
45	PI/2 BPSK	120	0	22.05	22.21	22.14	23.5	0.5
45	PI/2 BPSK	120	60	22.44	22.55	22.64	24.0	0.0
45	PI/2 BPSK	120	120	22.12	22.18	22.19	23.5	0.5
45	PI/2 BPSK	240	0	22.15	22.13	22.17		
45	QPSK	1	1	22.65	22.70	22.67	24.0	0.0
45	QPSK	1	120	22.52	22.57	22.52		
45	QPSK	1	240	22.46	22.51	22.47		
45	QPSK	120	0	21.55	21.70	21.67	23.0	1.0
45	QPSK	120	60	22.54	22.67	22.42	24.0	0.0
45	QPSK	120	120	21.66	21.57	21.54	23.0	1.0
45	QPSK	240	0	21.46	21.68	21.67		
45	16QAM	1	1	21.68	21.70	21.59	23.0	1.0
45	64QAM	1	1	20.04	20.06	20.24	21.5	2.5
45	256QAM	1	1	18.16	18.14	18.06	19.5	4.5
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	QPSK	1	1	22.38	22.51	22.52	24.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.50	22.52	22.38	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.41	22.55	22.36	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.42	22.44	22.39	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.39	22.45	22.39	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.48	22.53	22.37	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.48	22.50	22.37	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.46	22.45	22.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.32	23.35	23.36	24.0	0.0
20	PI/2 BPSK	1	53	23.38	23.37	23.39		
20	PI/2 BPSK	1	104	23.26	23.32	23.39		
20	PI/2 BPSK	50	0	23.03	23.04	23.04	23.5	0.5
20	PI/2 BPSK	50	28	23.35	23.36	23.33	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.12	22.96	23.5	0.5
20	PI/2 BPSK	100	0	22.97	22.99	22.96		
20	QPSK	1	1	23.55	23.60	23.58	24.0	0.0
20	QPSK	1	53	23.35	23.49	23.36		
20	QPSK	1	104	23.33	23.40	23.38		
20	QPSK	50	0	22.43	22.51	22.55	23.0	1.0
20	QPSK	50	28	23.36	23.44	23.26	24.0	0.0
20	QPSK	50	56	22.44	22.45	22.38	23.0	1.0
20	QPSK	100	0	22.44	22.51	22.46		
20	16QAM	1	1	22.49	22.54	22.44	23.0	1.0
20	64QAM	1	1	20.95	21.03	20.97	21.5	2.5
20	256QAM	1	1	18.93	19.10	18.89	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.50	23.46	23.47	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.50	23.46	23.42	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.49	23.50	23.43	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.19		24.0	0.0
10	PI/2 BPSK	1	26		22.12			
10	PI/2 BPSK	1	50		22.14			
10	PI/2 BPSK	25	0		21.89		23.5	0.5
10	PI/2 BPSK	25	14		22.25		24.0	0.0
10	PI/2 BPSK	25	27		21.85		23.5	0.5
10	PI/2 BPSK	50	0		21.73			
10	QPSK	1	1		22.39		24.0	0.0
10	QPSK	1	26		22.22			
10	QPSK	1	50		22.15			
10	QPSK	25	0		21.35		23.0	1.0
10	QPSK	25	14		22.31		24.0	0.0
10	QPSK	25	27		21.29		23.0	1.0
10	QPSK	50	0		21.39			
10	16QAM	1	1		21.35		23.0	1.0
10	64QAM	1	1		19.78		21.5	2.5
10	256QAM	1	1		17.91		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.29	22.34	22.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.97	23.03	23.00	24.0	0.0
45	PI/2 BPSK	1	120	22.97	22.90	23.06		
45	PI/2 BPSK	1	240	22.93	23.01	23.06		
45	PI/2 BPSK	120	0	22.64	22.60	22.66	23.5	0.5
45	PI/2 BPSK	120	60	22.85	22.98	22.97	24.0	0.0
45	PI/2 BPSK	120	120	22.54	22.72	22.56	23.5	0.5
45	PI/2 BPSK	240	0	22.55	22.60	22.63		
45	QPSK	1	1	23.12	23.18	23.16	24.0	0.0
45	QPSK	1	120	23.00	23.00	22.99		
45	QPSK	1	240	22.99	22.90	23.03		
45	QPSK	120	0	22.00	22.13	22.13	23.0	1.0
45	QPSK	120	60	22.92	23.08	22.89	24.0	0.0
45	QPSK	120	120	22.00	22.08	22.08	23.0	1.0
45	QPSK	240	0	21.98	22.16	22.10		
45	16QAM	1	1	22.02	22.12	22.04	23.0	1.0
45	64QAM	1	1	20.57	20.58	20.67	21.5	2.5
45	256QAM	1	1	18.54	18.68	18.53	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.98	23.04	23.04	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.02	23.14	23.04	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.02	23.09	23.09	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.03	23.05	23.01	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.97	23.08	23.07	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.03	23.10	23.03	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.04	23.13	23.01	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.05	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.45		24.0	0.0
15	PI/2 BPSK	1	40		22.41			
15	PI/2 BPSK	1	77		22.44			
15	PI/2 BPSK	36	0		22.08		23.5	0.5
15	PI/2 BPSK	36	22		22.49		24.0	0.0
15	PI/2 BPSK	36	43		22.11		23.5	0.5
15	PI/2 BPSK	75	0		22.02			
15	QPSK	1	1		22.71		24.0	0.0
15	QPSK	1	40		22.59			
15	QPSK	1	77		22.50			
15	QPSK	36	0		21.66		23.0	1.0
15	QPSK	36	22		22.56		24.0	0.0
15	QPSK	36	43		21.51		23.0	1.0
15	QPSK	75	0		21.69			
15	16QAM	1	1		21.65		23.0	1.0
15	64QAM	1	1		20.10		21.5	2.5
	256QAM	1	1		18.15		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.58	22.61	22.65	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.65	22.55	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	PI/2 BPSK	1	1		23.17		24.0	0.0
35	PI/2 BPSK	1	90		23.20			
35	PI/2 BPSK	1	186		23.18			
35	PI/2 BPSK	90	0		22.79		23.5	0.5
35	PI/2 BPSK	90	45		23.17		24.0	0.0
35	PI/2 BPSK	90	90		22.84		23.5	0.5
35	PI/2 BPSK	180	0		22.70			
35	QPSK	1	1		23.44		24.0	0.0
35	QPSK	1	90		23.19			
35	QPSK	1	186		23.20			
35	QPSK	90	0		22.28		23.0	1.0
35	QPSK	90	45		23.26		24.0	0.0
35	QPSK	90	90		22.27		23.0	1.0
35	QPSK	180	0		22.30			
35	16QAM	1	1		22.40		23.0	1.0
35	64QAM	1	1		20.84		21.5	2.5
35	256QAM	1	1		18.91		19.5	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.36	23.30	23.39	24.0	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.32	23.28	23.31	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.39	23.36	23.32	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.40	23.36	23.33	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.33	23.38	23.39	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.35	23.37	23.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.84	22.87	22.82	24.0	0.0
40	PI/2 BPSK	1	53	22.92	22.99	22.98		
40	PI/2 BPSK	1	104	22.92	22.97	23.04		
40	PI/2 BPSK	50	0	22.50	22.49	22.60	23.5	0.5
40	PI/2 BPSK	50	28	22.75	22.90	22.95	24.0	0.0
40	PI/2 BPSK	50	56	22.47	22.67	22.55	23.5	0.5
40	PI/2 BPSK	100	0	22.44	22.49	22.55		
40	QPSK	1	1	23.15	23.19	23.13	24.0	0.0
40	QPSK	1	53	22.96	22.97	22.97		
40	QPSK	1	104	22.90	22.92	23.06		
40	QPSK	50	0	21.89	22.10	22.10	23.0	1.0
40	QPSK	50	28	22.90	23.04	22.88	24.0	0.0
40	QPSK	50	56	22.01	22.00	21.93	23.0	1.0
40	QPSK	100	0	21.93	22.18	22.13		
40	16QAM	1	1	22.02	22.06	22.06	23.0	1.0
40	64QAM	1	1	20.57	20.61	20.62	21.5	2.5
40	256QAM	1	1	18.53	18.54	18.40	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.09	23.10	23.07	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.06	23.07	23.06	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.08	23.09	23.03	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.06	23.11	22.98	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.02	23.05	23.05	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.15	23.15	23.09	24.0	0.0
100	PI/2 BPSK	1	137	23.17	23.23	23.24		
100	PI/2 BPSK	1	271	23.16	23.16	23.26		
100	PI/2 BPSK	135	0	22.71	22.81	22.81	23.5	0.5
100	PI/2 BPSK	135	69	23.05	23.23	23.12	24.0	0.0
100	PI/2 BPSK	135	138	22.76	22.92	22.73	23.5	0.5
100	PI/2 BPSK	270	0	22.68	22.68	22.80		
100	QPSK	1	1	23.45	23.49	23.41	24.0	0.0
100	QPSK	1	137	23.17	23.22	23.14		
100	QPSK	1	271	23.15	23.09	23.25		
100	QPSK	135	0	22.19	22.34	22.38	23.0	1.0
100	QPSK	135	69	23.12	23.25	23.15	24.0	0.0
100	QPSK	135	138	22.28	22.31	22.14	23.0	1.0
100	QPSK	270	0	22.23	22.36	22.35		
100	16QAM	1	1	22.29	22.30	22.24	23.0	1.0
100	64QAM	1	1	20.86	20.90	20.86	21.5	2.5
100	256QAM	1	1	18.80	18.81	18.73	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.31	23.45	23.26	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.33	23.44	23.33	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.36	23.39	23.32	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.35	23.38	23.28	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.29	23.45	23.26	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.33	23.43	23.29	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.30	23.35	23.37	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.31	23.34	23.27	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.34	23.40	23.35	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.36	23.34	23.30	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	23.40	23.45	23.34	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.31	23.41	23.28	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.36	23.40	23.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.15	26.24	26.18	27.0	0.0
100	PI/2 BPSK	1	137	26.12	26.22	26.22		
100	PI/2 BPSK	1	271	26.19	26.20	26.34		
100	PI/2 BPSK	135	0	25.84	25.78	25.86	26.5	0.5
100	PI/2 BPSK	135	69	26.11	26.21	26.13	27.0	0.0
100	PI/2 BPSK	135	138	25.82	25.97	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.72	25.80	25.84		
100	QPSK	1	1	26.48	26.52	26.50	27.0	0.0
100	QPSK	1	137	26.26	26.20	26.28		
100	QPSK	1	271	26.16	26.18	26.35		
100	QPSK	135	0	25.21	25.37	25.41	26.0	1.0
100	QPSK	135	69	26.14	26.36	26.18	27.0	0.0
100	QPSK	135	138	25.32	25.37	25.27	26.0	1.0
100	QPSK	270	0	25.23	25.51	25.39		
100	16QAM	1	1	25.28	25.40	25.30	26.0	1.0
100	64QAM	1	1	23.85	23.92	23.96	24.5	2.5
100	256QAM	1	1	21.82	21.84	21.80	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.43	26.40	26.35	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.38	26.44	26.38	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.36	26.43	26.45	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.33	26.38	26.46	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.40	26.39	26.44	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.42	26.47	26.44	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.38	26.40	26.40	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.40	26.43	26.46	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.37	26.47	26.43	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.39	26.45	26.44	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	26.39	26.36	26.35	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.39	26.36	26.44	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.40	26.37	26.45	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.53	22.57	22.52	24.0	0.0
40	PI/2 BPSK	1	108	22.49	22.63	22.58		
40	PI/2 BPSK	1	214	22.47	22.58	22.65		
40	PI/2 BPSK	108	0	22.29	22.23	22.18	23.5	0.5
40	PI/2 BPSK	108	54	22.51	22.53	22.60	24.0	0.0
40	PI/2 BPSK	108	108	22.11	22.32	22.27	23.5	0.5
40	PI/2 BPSK	216	0	22.12	22.24	22.26		
40	QPSK	1	1	22.67	22.75	22.65	24.0	0.0
40	QPSK	1	108	22.55	22.62	22.72		
40	QPSK	1	214	22.59	22.60	22.74		
40	QPSK	108	0	21.52	21.75	21.71	23.0	1.0
40	QPSK	108	54	22.53	22.62	22.52	24.0	0.0
40	QPSK	108	108	21.70	21.76	21.61	23.0	1.0
40	QPSK	216	0	21.60	21.77	21.71		
40	16QAM	1	1	21.65	21.75	21.73	23.0	1.0
40	64QAM	1	1	20.19	20.23	20.26	21.5	2.5
40	256QAM	1	1	18.19	18.29	18.19	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.60	22.69	22.60	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.51	22.70	22.50	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.51	22.63	22.53	0.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.61	22.66	22.51	0.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.59	22.70	22.56	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.57	22.67	22.59	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.60	22.69	22.50	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.97	23.05	23.02	24.0	0.0
20	PI/2 BPSK	1	53	22.96	22.99	23.11		
20	PI/2 BPSK	1	104	22.96	22.97	23.11		
20	PI/2 BPSK	50	0	22.60	22.67	22.72	23.5	0.5
20	PI/2 BPSK	50	28	22.99	23.03	23.00	24.0	0.0
20	PI/2 BPSK	50	56	22.60	22.68	22.63	23.5	0.5
20	PI/2 BPSK	100	0	22.61	22.56	22.71		
20	QPSK	1	1	23.13	23.18	23.16	24.0	0.0
20	QPSK	1	53	23.06	23.06	23.09		
20	QPSK	1	104	23.03	22.97	23.09		
20	QPSK	50	0	22.02	22.16	22.21	23.0	1.0
20	QPSK	50	28	22.97	23.12	23.00	24.0	0.0
20	QPSK	50	56	22.07	22.11	22.09	23.0	1.0
20	QPSK	100	0	22.06	22.21	22.20		
20	16QAM	1	1	22.07	22.17	22.04	23.0	1.0
20	64QAM	1	1	20.66	20.59	20.69	21.5	2.5
20	256QAM	1	1	18.62	18.75	18.56	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.99	23.03	23.06	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.07	23.04	23.05	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.12	23.01	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.03	23.06	23.02	24.0	0.0
50	PI/2 BPSK	1	135	23.07	23.07	23.14		
50	PI/2 BPSK	1	268	22.97	23.10	23.14		
50	PI/2 BPSK	135	0	22.68	22.68	22.75	23.5	0.5
50	PI/2 BPSK	135	68	23.05	23.13	23.08	24.0	0.0
50	PI/2 BPSK	135	135	22.64	22.75	22.71	23.5	0.5
50	PI/2 BPSK	270	0	22.65	22.71	22.68		
50	QPSK	1	1	23.28	23.35	23.33	24.0	0.0
50	QPSK	1	135	23.03	23.11	23.14		
50	QPSK	1	268	23.00	23.01	23.12		
50	QPSK	135	0	22.09	22.23	22.21	23.0	1.0
50	QPSK	135	68	23.05	23.12	23.02	24.0	0.0
50	QPSK	135	135	22.19	22.13	22.10	23.0	1.0
50	QPSK	270	0	22.09	22.29	22.18		
50	16QAM	1	1	22.12	22.30	22.10	23.0	1.0
50	64QAM	1	1	20.65	20.69	20.78	21.5	2.5
50	256QAM	1	1	18.72	18.75	18.64	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.20	23.21	23.23	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.18	23.27	23.17	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.24	23.20	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.19	23.26	23.25	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.24	23.21	23.23	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.17	23.31	23.19	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.19	23.28	23.18	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.23	23.19	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.17	23.32	23.28	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.29		
15	PI/2 BPSK	1	77	23.17	23.27	23.32		
15	PI/2 BPSK	36	0	22.88	22.96	22.89	23.5	0.5
15	PI/2 BPSK	36	22	23.20	23.31	23.29	24.0	0.0
15	PI/2 BPSK	36	43	22.93	23.00	22.88	23.5	0.5
15	PI/2 BPSK	75	0	22.83	22.86	22.97		
15	QPSK	1	1	23.45	23.47	23.41	24.0	0.0
15	QPSK	1	40	23.29	23.27	23.26		
15	QPSK	1	77	23.31	23.30	23.28		
15	QPSK	36	0	22.29	22.39	22.36	23.0	1.0
15	QPSK	36	22	23.26	23.39	23.26	24.0	0.0
15	QPSK	36	43	22.33	22.35	22.32	23.0	1.0
15	QPSK	75	0	22.33	22.41	22.39		
15	16QAM	1	1	22.39	22.49	22.33	23.0	1.0
15	64QAM	1	1	20.82	20.88	20.90	21.5	2.5
	256QAM	1	1	18.87	19.01	18.85	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.31	23.36	23.31	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.34	23.42	23.31	24.0	0.0

n14 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.13		24.0	0.0
10	PI/2 BPSK	1	26		23.21			
10	PI/2 BPSK	1	50		23.16			
10	PI/2 BPSK	25	0		22.87		23.5	0.5
10	PI/2 BPSK	25	14		23.21		24.0	0.0
10	PI/2 BPSK	25	27		22.87		23.5	0.5
10	PI/2 BPSK	50	0		22.73			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.22			
10	QPSK	1	50		23.17			
10	QPSK	25	0		22.31		23.0	1.0
10	QPSK	25	14		23.30		24.0	0.0
10	QPSK	25	27		22.27		23.0	1.0
10	QPSK	50	0		22.39			
10	16QAM	1	1		22.35		23.0	1.0
10	64QAM	1	1		20.83		21.5	2.5
10	256QAM	1	1		18.90		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.30	23.34	23.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	22.52	22.65	22.65	24.0	0.0
45	PI/2 BPSK	1	120	22.53	22.66	22.67		
45	PI/2 BPSK	1	240	22.56	22.59	22.66		
45	PI/2 BPSK	120	0	22.30	22.33	22.23	23.5	0.5
45	PI/2 BPSK	120	60	22.50	22.67	22.62	24.0	0.0
45	PI/2 BPSK	120	120	22.24	22.35	22.21	23.5	0.5
45	PI/2 BPSK	240	0	22.12	22.21	22.26		
45	QPSK	1	1	22.76	22.83	22.78	24.0	0.0
45	QPSK	1	120	22.67	22.65	22.65		
45	QPSK	1	240	22.64	22.60	22.70		
45	QPSK	120	0	21.70	21.78	21.76	23.0	1.0
45	QPSK	120	60	22.57	22.65	22.52	24.0	0.0
45	QPSK	120	120	21.73	21.67	21.68	23.0	1.0
45	QPSK	240	0	21.64	21.83	21.74		
45	16QAM	1	1	21.69	21.76	21.72	23.0	1.0
45	64QAM	1	1	20.24	20.22	20.25	21.5	2.5
45	256QAM	1	1	18.27	18.25	18.22	19.5	4.5
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	QPSK	1	1	22.52	22.65	22.65	24.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.67	22.67	22.69	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.65	22.79	22.67	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.66	22.71	22.72	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.65	22.75	22.71	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.66	22.73	22.64	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.68	22.72	22.66	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.69	22.72	22.65	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.00	23.00	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.06	23.04		
20	PI/2 BPSK	1	104	23.00	23.02	23.11		
20	PI/2 BPSK	50	0	22.59	22.63	22.71	23.5	0.5
20	PI/2 BPSK	50	28	22.91	23.03	22.99	24.0	0.0
20	PI/2 BPSK	50	56	22.59	22.72	22.62	23.5	0.5
20	PI/2 BPSK	100	0	22.55	22.55	22.62		
20	QPSK	1	1	23.15	23.20	23.18	24.0	0.0
20	QPSK	1	53	23.07	23.06	23.02		
20	QPSK	1	104	23.00	22.99	23.13		
20	QPSK	50	0	22.00	22.17	22.18	23.0	1.0
20	QPSK	50	28	22.94	23.10	23.02	24.0	0.0
20	QPSK	50	56	22.15	22.16	22.02	23.0	1.0
20	QPSK	100	0	22.06	22.25	22.18		
20	16QAM	1	1	22.12	22.18	22.14	23.0	1.0
20	64QAM	1	1	20.65	20.70	20.71	21.5	2.5
20	256QAM	1	1	18.61	18.69	18.55	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.03	23.04	23.09	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.11	23.08	23.11	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.05	23.12	23.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.08	22.25	22.05	23.0	0.0
45	PI/2 BPSK	1	120	22.08	22.24	22.06		
45	PI/2 BPSK	1	240	22.16	22.15	22.15		
45	PI/2 BPSK	120	0	21.53	21.67	21.55	22.5	0.5
45	PI/2 BPSK	120	60	22.05	22.20	22.14	23.0	0.0
45	PI/2 BPSK	120	120	21.64	21.69	21.57	22.5	0.5
45	PI/2 BPSK	240	0	21.60	21.70	21.58		
45	QPSK	1	1	22.21	22.28	22.17	23.0	0.0
45	QPSK	1	120	22.22	22.15	22.06		
45	QPSK	1	240	22.09	22.24	22.07		
45	QPSK	120	0	21.09	21.26	21.07	22.0	1.0
45	QPSK	120	60	22.21	22.25	22.18	23.0	0.0
45	QPSK	120	120	21.00	21.13	21.03	22.0	1.0
45	QPSK	240	0	21.18	21.22	21.17		
45	16QAM	1	1	20.88	20.99	20.90	22.0	1.0
45	64QAM	1	1	19.35	19.49	19.41	20.5	2.5
45	256QAM	1	1	17.46	17.47	17.39	18.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.11	22.15	22.10	23.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.10	22.23	22.09	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.16	22.13	22.08	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.16	22.13	22.02	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.17	22.20	22.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.06	22.19	22.08	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.16	22.13	22.06	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.06	22.16	22.13	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.49		24.0	0.0
15	PI/2 BPSK	1	40		22.42			
15	PI/2 BPSK	1	77		22.41			
15	PI/2 BPSK	36	0		22.11		23.5	0.5
15	PI/2 BPSK	36	22		22.40		24.0	0.0
15	PI/2 BPSK	36	43		22.16		23.5	0.5
15	PI/2 BPSK	75	0		21.96			
15	QPSK	1	1		22.60		24.0	0.0
15	QPSK	1	40		22.48			
15	QPSK	1	77		22.38			
15	QPSK	36	0		21.59		23.0	1.0
15	QPSK	36	22		22.54		24.0	0.0
15	QPSK	36	43		21.57		23.0	1.0
15	QPSK	75	0		21.56			
15	16QAM	1	1		21.63		23.0	1.0
15	64QAM	1	1		20.04		21.5	2.5
	256QAM	1	1		18.15		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.49	22.47	22.55	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.47	22.48	22.46	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	PI/2 BPSK	1	1		22.82		24.0	0.0
35	PI/2 BPSK	1	90		22.79			
35	PI/2 BPSK	1	186		22.75			
35	PI/2 BPSK	90	0		22.44		23.5	0.5
35	PI/2 BPSK	90	45		22.76		24.0	0.0
35	PI/2 BPSK	90	90		22.44		23.5	0.5
35	PI/2 BPSK	180	0		22.35			
35	QPSK	1	1		22.99		24.0	0.0
35	QPSK	1	90		22.78			
35	QPSK	1	186		22.74			
35	QPSK	90	0		21.89		23.0	1.0
35	QPSK	90	45		22.81		24.0	0.0
35	QPSK	90	90		21.84		23.0	1.0
35	QPSK	180	0		21.94			
35	16QAM	1	1		22.01		23.0	1.0
35	64QAM	1	1		20.36		21.5	2.5
35	256QAM	1	1		18.52		19.5	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	22.87	22.89	22.91	24.0	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.94	22.85	22.94	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.85	22.84	22.88	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.87	22.93	22.90	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.89	22.88	22.86	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.94	22.87	22.89	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.19	23.27	23.10	24.0	0.0
40	PI/2 BPSK	1	53	23.10	23.21	23.12		
40	PI/2 BPSK	1	104	23.16	23.27	23.09		
40	PI/2 BPSK	50	0	22.67	22.66	22.67	23.5	0.5
40	PI/2 BPSK	50	28	23.10	23.23	23.16	24.0	0.0
40	PI/2 BPSK	50	56	22.66	22.81	22.66	23.5	0.5
40	PI/2 BPSK	100	0	22.69	22.79	22.65		
40	QPSK	1	1	23.29	23.33	23.23	24.0	0.0
40	QPSK	1	53	23.24	23.25	23.04		
40	QPSK	1	104	23.18	23.32	23.12		
40	QPSK	50	0	22.18	22.33	22.11	23.0	1.0
40	QPSK	50	28	23.21	23.28	23.27	24.0	0.0
40	QPSK	50	56	22.11	22.15	22.01	23.0	1.0
40	QPSK	100	0	22.23	22.28	22.25		
40	16QAM	1	1	21.96	22.08	21.92	23.0	1.0
40	64QAM	1	1	20.45	20.58	20.45	21.5	2.5
40	256QAM	1	1	18.44	18.55	18.42	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.15	23.22	23.19	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.12	23.28	23.15	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.16	23.25	23.12	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.16	23.21	23.09	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.10	23.29	23.19	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.00	23.14	23.09	24.0	0.0
100	PI/2 BPSK	1	137	23.08	23.10	23.06		
100	PI/2 BPSK	1	271	23.06	23.16	23.04		
100	PI/2 BPSK	135	0	22.56	22.55	22.57	23.5	0.5
100	PI/2 BPSK	135	69	23.10	23.12	23.00	24.0	0.0
100	PI/2 BPSK	135	138	22.59	22.72	22.53	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.68	22.52		
100	QPSK	1	1	23.26	23.39	23.28	24.0	0.0
100	QPSK	1	137	23.07	23.18	22.99		
100	QPSK	1	271	23.06	23.20	23.06		
100	QPSK	135	0	22.03	22.22	22.03	23.0	1.0
100	QPSK	135	69	23.10	23.26	23.17	24.0	0.0
100	QPSK	135	138	22.02	22.10	21.95	23.0	1.0
100	QPSK	270	0	22.14	22.23	22.14		
100	16QAM	1	1	21.82	22.00	21.90	23.0	1.0
100	64QAM	1	1	20.35	20.52	20.36	21.5	2.5
100	256QAM	1	1	18.43	18.45	18.37	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.04	23.14	23.06	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	23.21	23.09	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.05	23.13	23.05	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	23.10	23.06	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.02	23.12	23.07	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.04	23.15	23.08	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.00	23.17	23.00	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.09	23.12	23.02	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.99	23.20	23.08	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.04	23.14	22.99	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.03	23.15	23.10	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.02	23.10	23.03	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.10	23.15	23.06	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.05	26.11	26.03	27.0	0.0
100	PI/2 BPSK	1	137	26.01	26.21	26.05		
100	PI/2 BPSK	1	271	26.03	26.20	26.01		
100	PI/2 BPSK	135	0	25.54	25.55	25.54	26.5	0.5
100	PI/2 BPSK	135	69	26.11	26.14	26.02	27.0	0.0
100	PI/2 BPSK	135	138	25.55	25.67	25.59	26.5	0.5
100	PI/2 BPSK	270	0	25.54	25.61	25.52		
100	QPSK	1	1	26.21	26.26	26.18	27.0	0.0
100	QPSK	1	137	26.18	26.12	26.06		
100	QPSK	1	271	26.10	26.19	26.05		
100	QPSK	135	0	25.00	25.20	25.03	26.0	1.0
100	QPSK	135	69	26.15	26.25	26.17	27.0	0.0
100	QPSK	135	138	25.00	25.14	25.02	26.0	1.0
100	QPSK	270	0	25.10	25.25	25.14		
100	16QAM	1	1	24.77	24.95	24.92	26.0	1.0
100	64QAM	1	1	23.28	23.49	23.27	24.5	2.5
100	256QAM	1	1	21.38	21.45	21.40	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.08	26.11	26.08	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.07	26.17	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.21	26.06	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.00	26.11	26.01	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.08	26.13	26.01	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.09	26.10	26.08	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.04	26.14	26.08	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.04	26.20	26.06	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.08	26.10	26.10	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.99	26.16	26.06	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.03	26.20	26.01	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.00	26.10	25.99	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.10	26.18	25.99	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.14	23.05	23.04	24.0	0.0
40	PI/2 BPSK	1	108	23.08	23.15	23.17		
40	PI/2 BPSK	1	214	23.06	23.10	23.25		
40	PI/2 BPSK	108	0	22.71	22.72	22.82	23.5	0.5
40	PI/2 BPSK	108	54	22.96	23.15	23.13	24.0	0.0
40	PI/2 BPSK	108	108	22.72	22.77	22.68	23.5	0.5
40	PI/2 BPSK	216	0	22.68	22.64	22.76		
40	QPSK	1	1	23.30	23.33	23.26	24.0	0.0
40	QPSK	1	108	23.22	23.22	23.06		
40	QPSK	1	214	23.07	23.06	23.21		
40	QPSK	108	0	22.12	22.24	22.28	23.0	1.0
40	QPSK	108	54	23.06	23.14	23.10	24.0	0.0
40	QPSK	108	108	22.20	22.32	22.16	23.0	1.0
40	QPSK	216	0	22.22	22.39	22.26		
40	16QAM	1	1	22.25	22.31	22.21	23.0	1.0
40	64QAM	1	1	20.79	20.75	20.86	21.5	2.5
40	256QAM	1	1	18.74	18.75	18.64	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.22	23.29	23.16	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.22	23.25	23.13	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.18	23.24	23.12	0.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.17	23.22	23.16	0.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.20	23.18	23.15	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.14	23.21	23.21	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.16	23.25	23.11	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.23	23.42	23.37	24.0	0.0
50	PI/2 BPSK	1	135	23.22	23.31	23.33		
50	PI/2 BPSK	1	268	23.32	23.39	23.40		
50	PI/2 BPSK	135	0	22.96	23.01	23.00	23.5	0.5
50	PI/2 BPSK	135	68	23.38	23.38	23.38	24.0	0.0
50	PI/2 BPSK	135	135	22.90	23.06	22.94	23.5	0.5
50	PI/2 BPSK	270	0	22.89	23.01	23.02		
50	QPSK	1	1	23.42	23.49	23.38	24.0	0.0
50	QPSK	1	135	23.39	23.48	23.39		
50	QPSK	1	268	23.30	23.36	23.45		
50	QPSK	135	0	22.39	22.48	22.55	23.0	1.0
50	QPSK	135	68	23.33	23.44	23.30	24.0	0.0
50	QPSK	135	135	22.51	22.49	22.35	23.0	1.0
50	QPSK	270	0	22.33	22.62	22.43		
50	16QAM	1	1	22.38	22.53	22.48	23.0	1.0
50	64QAM	1	1	21.04	20.99	21.03	21.5	2.5
50	256QAM	1	1	18.96	19.00	18.87	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.28	23.42	23.24	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.30	23.34	23.24	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.36	23.37	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.32	23.35	23.28	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.28	23.34	23.28	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.29	23.35	23.26	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.30	23.33	23.32	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.36	23.36	23.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	23.05	23.07	23.03	24.0	0.0
45	PI/2 BPSK	1	120	23.03	23.10	23.14		
45	PI/2 BPSK	1	240	23.11	23.00	23.05		
45	PI/2 BPSK	120	0	22.59	22.73	22.73	23.5	0.5
45	PI/2 BPSK	120	60	23.00	23.13	23.05	24.0	0.0
45	PI/2 BPSK	120	120	22.62	22.81	22.64	23.5	0.5
45	PI/2 BPSK	240	0	22.60	22.64	22.75		
45	QPSK	1	1	23.34	23.36	23.33	24.0	0.0
45	QPSK	1	120	23.07	23.15	23.08		
45	QPSK	1	240	23.11	23.05	23.16		
45	QPSK	120	0	22.04	22.20	22.26	23.0	1.0
45	QPSK	120	60	22.97	23.09	23.07	24.0	0.0
45	QPSK	120	120	22.18	22.22	22.07	23.0	1.0
45	QPSK	240	0	22.15	22.29	22.20		
45	16QAM	1	1	22.23	22.27	22.14	23.0	1.0
45	64QAM	1	1	20.69	20.69	20.71	21.5	2.5
45	256QAM	1	1	18.63	18.80	18.62	19.5	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
40	QPSK	1	1	23.05	23.10	23.06	24.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.05	23.10	23.06	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.13	23.13	23.01	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.11	23.17	23.11	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.10	23.16	23.00	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.16	23.17	23.07	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.11	23.18	23.03	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.15	23.14	23.05	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.81		24.0	0.0
10	PI/2 BPSK	1	26		22.85			
10	PI/2 BPSK	1	50		22.86			
10	PI/2 BPSK	25	0		22.43		23.5	0.5
10	PI/2 BPSK	25	14		22.83		24.0	0.0
10	PI/2 BPSK	25	27		22.50		23.5	0.5
10	PI/2 BPSK	50	0		22.40			
10	QPSK	1	1		23.09		24.0	0.0
10	QPSK	1	26		22.86			
10	QPSK	1	50		22.84			
10	QPSK	25	0		22.01		23.0	1.0
10	QPSK	25	14		22.94		24.0	0.0
10	QPSK	25	27		21.95		23.0	1.0
10	QPSK	50	0		22.05			
10	16QAM	1	1		22.00		23.0	1.0
10	64QAM	1	1		20.48		21.5	2.5
10	256QAM	1	1		18.48		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.95	22.98	23.01	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.16	23.16	23.05	24.0	0.0
45	PI/2 BPSK	1	120	23.13	23.18	23.18		
45	PI/2 BPSK	1	240	23.08	23.07	23.19		
45	PI/2 BPSK	120	0	22.85	22.68	22.75	23.5	0.5
45	PI/2 BPSK	120	60	22.95	23.14	23.04	24.0	0.0
45	PI/2 BPSK	120	120	22.75	22.80	22.72	23.5	0.5
45	PI/2 BPSK	240	0	22.71	22.63	22.76		
45	QPSK	1	1	23.41	23.45	23.37	24.0	0.0
45	QPSK	1	120	23.12	23.14	23.11		
45	QPSK	1	240	23.07	23.12	23.27		
45	QPSK	120	0	22.10	22.26	22.33	23.0	1.0
45	QPSK	120	60	23.00	23.17	23.09	24.0	0.0
45	QPSK	120	120	22.19	22.31	22.17	23.0	1.0
45	QPSK	240	0	22.19	22.33	22.25		
45	16QAM	1	1	22.25	22.27	22.27	23.0	1.0
45	64QAM	1	1	20.72	20.75	20.83	21.5	2.5
45	256QAM	1	1	18.73	18.76	18.64	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.25	23.41	23.22	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.30	23.34	23.30	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.30	23.32	23.29	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.27	23.35	23.28	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.30	23.40	23.22	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.26	23.32	23.24	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.38	23.28	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.30	23.37	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.26		24.0	0.0
15	PI/2 BPSK	1	40		23.33			
15	PI/2 BPSK	1	77		23.24			
15	PI/2 BPSK	36	0		22.85		23.5	0.5
15	PI/2 BPSK	36	22		23.24		24.0	0.0
15	PI/2 BPSK	36	43		23.02		23.5	0.5
15	PI/2 BPSK	75	0		22.85			
15	QPSK	1	1		23.51		24.0	0.0
15	QPSK	1	40		23.33			
15	QPSK	1	77		23.27			
15	QPSK	36	0		22.39		23.0	1.0
15	QPSK	36	22		23.31		24.0	0.0
15	QPSK	36	43		22.37		23.0	1.0
15	QPSK	75	0		22.53			
15	16QAM	1	1		22.48		23.0	1.0
15	64QAM	1	1		20.91		21.5	2.5
	256QAM	1	1		18.93		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.38	23.38	23.37	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.44	23.46	23.42	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.45	23.44	23.36	24.0	0.0
40	PI/2 BPSK	1	53	23.39	23.41	23.45		
40	PI/2 BPSK	1	104	23.37	23.41	23.47		
40	PI/2 BPSK	50	0	23.02	23.04	23.15	23.5	0.5
40	PI/2 BPSK	50	28	23.36	23.48	23.33	24.0	0.0
40	PI/2 BPSK	50	56	23.00	23.15	23.05	23.5	0.5
40	PI/2 BPSK	100	0	22.92	22.94	23.04		
40	QPSK	1	1	23.59	23.61	23.60	24.0	0.0
40	QPSK	1	53	23.42	23.49	23.44		
40	QPSK	1	104	23.45	23.40	23.54		
40	QPSK	50	0	22.45	22.62	22.63	23.0	1.0
40	QPSK	50	28	23.33	23.47	23.38	24.0	0.0
40	QPSK	50	56	22.61	22.50	22.45	23.0	1.0
40	QPSK	100	0	22.52	22.68	22.56		
40	16QAM	1	1	22.56	22.55	22.57	23.0	1.0
40	64QAM	1	1	21.06	21.06	21.13	21.5	2.5
40	256QAM	1	1	18.99	19.10	18.99	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.49	23.53	23.51	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.54	23.58	23.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.54	23.55	23.60	24.0	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.48	23.60	23.52	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.48	23.57	23.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.39	23.36	23.35	24.0	0.0
100	PI/2 BPSK	1	137	23.30	23.45	23.51		
100	PI/2 BPSK	1	271	23.39	23.42	23.50		
100	PI/2 BPSK	135	0	23.05	23.00	23.12	23.5	0.5
100	PI/2 BPSK	135	69	23.31	23.38	23.33	24.0	0.0
100	PI/2 BPSK	135	138	22.94	23.15	22.95	23.5	0.5
100	PI/2 BPSK	270	0	22.93	23.02	23.00		
100	QPSK	1	1	23.61	23.65	23.54	24.0	0.0
100	QPSK	1	137	23.50	23.53	23.46		
100	QPSK	1	271	23.30	23.33	23.57		
100	QPSK	135	0	22.38	22.53	22.58	23.0	1.0
100	QPSK	135	69	23.43	23.58	23.43	24.0	0.0
100	QPSK	135	138	22.55	22.54	22.52	23.0	1.0
100	QPSK	270	0	22.43	22.63	22.60		
100	16QAM	1	1	22.59	22.56	22.57	23.0	1.0
100	64QAM	1	1	21.05	21.09	21.06	21.5	2.5
100	256QAM	1	1	19.07	19.05	18.83	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.47	23.50	23.47	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.45	23.54	23.49	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.54	23.60	23.44	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.54	23.52	23.49	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.54	23.51	23.44	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.53	23.53	23.45	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.51	23.55	23.46	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.53	23.56	23.44	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.53	23.57	23.45	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.52	23.58	23.41	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.49	23.54	23.44	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.51	23.61	23.43	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.53	23.53	23.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.13	26.09	26.05	27.0	0.0
100	PI/2 BPSK	1	137	26.06	26.10	26.20		
100	PI/2 BPSK	1	271	26.08	26.13	26.27		
100	PI/2 BPSK	135	0	25.75	25.68	25.78	26.5	0.5
100	PI/2 BPSK	135	69	26.01	26.12	26.08	27.0	0.0
100	PI/2 BPSK	135	138	25.68	25.84	25.65	26.5	0.5
100	PI/2 BPSK	270	0	25.67	25.69	25.69		
100	QPSK	1	1	26.31	26.35	26.29	27.0	0.0
100	QPSK	1	137	26.13	26.20	26.13		
100	QPSK	1	271	26.00	26.10	26.24		
100	QPSK	135	0	25.16	25.30	25.37	26.0	1.0
100	QPSK	135	69	26.14	26.21	26.16	27.0	0.0
100	QPSK	135	138	25.24	25.26	25.20	26.0	1.0
100	QPSK	270	0	25.21	25.32	25.31		
100	16QAM	1	1	25.29	25.24	25.33	26.0	1.0
100	64QAM	1	1	23.70	23.74	23.85	24.5	2.5
100	256QAM	1	1	21.77	21.75	21.56	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.19	26.25	26.13	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.23	26.24	26.15	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.19	26.19	26.21	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.17	26.24	26.25	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.19	26.19	26.14	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.16	26.20	26.14	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.20	26.29	26.16	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.16	26.30	26.14	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.18	26.24	26.15	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.20	26.23	26.18	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.20	26.27	26.14	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.22	26.26	26.15	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.21	26.28	26.15	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.04	23.03	22.94	24.0	0.0
40	PI/2 BPSK	1	108	23.01	23.03	23.11		
40	PI/2 BPSK	1	214	23.10	23.02	23.20		
40	PI/2 BPSK	108	0	22.64	22.64	22.75	23.5	0.5
40	PI/2 BPSK	108	54	22.95	23.09	23.02	24.0	0.0
40	PI/2 BPSK	108	108	22.56	22.71	22.65	23.5	0.5
40	PI/2 BPSK	216	0	22.62	22.60	22.70		
40	QPSK	1	1	23.24	23.33	23.28	24.0	0.0
40	QPSK	1	108	23.10	23.12	23.09		
40	QPSK	1	214	23.03	23.02	23.11		
40	QPSK	108	0	22.01	22.17	22.26	23.0	1.0
40	QPSK	108	54	23.03	23.25	23.10	24.0	0.0
40	QPSK	108	108	22.22	22.26	22.13	23.0	1.0
40	QPSK	216	0	22.17	22.36	22.32		
40	16QAM	1	1	22.22	22.19	22.21	23.0	1.0
40	64QAM	1	1	20.68	20.77	20.74	21.5	2.5
40	256QAM	1	1	18.75	18.73	18.57	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.08	23.23	23.14	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.18	23.25	23.18	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.12	23.25	23.20	0.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.13	23.25	23.15	0.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.09	23.27	23.22	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.18	23.25	23.22	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.14	23.19	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.22	23.25	23.20	24.0	0.0
50	PI/2 BPSK	1	135	23.24	23.36	23.23		
50	PI/2 BPSK	1	268	23.30	23.29	23.30		
50	PI/2 BPSK	135	0	22.82	22.84	22.90	23.5	0.5
50	PI/2 BPSK	135	68	23.19	23.27	23.26	24.0	0.0
50	PI/2 BPSK	135	135	22.89	22.97	22.88	23.5	0.5
50	PI/2 BPSK	270	0	22.85	22.77	22.93		
50	QPSK	1	1	23.48	23.51	23.44	24.0	0.0
50	QPSK	1	135	23.29	23.36	23.24		
50	QPSK	1	268	23.25	23.27	23.35		
50	QPSK	135	0	22.23	22.38	22.40	23.0	1.0
50	QPSK	135	68	23.15	23.33	23.24	24.0	0.0
50	QPSK	135	135	22.46	22.37	22.26	23.0	1.0
50	QPSK	270	0	22.37	22.53	22.48		
50	16QAM	1	1	22.34	22.44	22.42	23.0	1.0
50	64QAM	1	1	20.92	20.98	20.90	21.5	2.5
50	256QAM	1	1	18.90	18.90	18.83	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.33	23.38	23.36	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.38	23.43	23.30	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.39	23.39	23.33	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.41	23.36	23.39	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.35	23.38	23.34	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.41	23.40	23.30	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.33	23.44	23.29	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.38	23.42	23.38	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	23.10	23.10	23.02	24.0	0.0
45	PI/2 BPSK	1	120	23.01	23.12	23.18		
45	PI/2 BPSK	1	240	23.10	23.12	23.27		
45	PI/2 BPSK	120	0	22.76	22.73	22.84	23.5	0.5
45	PI/2 BPSK	120	60	23.01	23.09	23.10	24.0	0.0
45	PI/2 BPSK	120	120	22.59	22.84	22.70	23.5	0.5
45	PI/2 BPSK	240	0	22.68	22.69	22.79		
45	QPSK	1	1	23.38	23.41	23.34	24.0	0.0
45	QPSK	1	120	23.14	23.16	23.10		
45	QPSK	1	240	23.08	23.05	23.26		
45	QPSK	120	0	22.17	22.20	22.38	23.0	1.0
45	QPSK	120	60	23.04	23.19	23.11	24.0	0.0
45	QPSK	120	120	22.25	22.30	22.15	23.0	1.0
45	QPSK	240	0	22.24	22.36	22.32		
45	16QAM	1	1	22.29	22.22	22.29	23.0	1.0
45	64QAM	1	1	20.73	20.81	20.82	21.5	2.5
45	256QAM	1	1	18.72	18.75	18.56	19.5	4.5
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	QPSK	1	1	23.10	23.10	23.02	0.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.25	23.26	23.28	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.22	23.29	23.28	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.25	23.27	23.22	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.23	23.29	23.29	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.22	23.34	23.24	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.28	23.35	23.28	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.28	23.27	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.10	23.11	23.10	24.0	0.0
45	PI/2 BPSK	1	120	23.06	23.11	23.05		
45	PI/2 BPSK	1	240	23.08	23.19	23.01		
45	PI/2 BPSK	120	0	22.50	22.58	22.58	23.5	0.5
45	PI/2 BPSK	120	60	23.04	23.11	23.06	24.0	0.0
45	PI/2 BPSK	120	120	22.58	22.65	22.57	23.5	0.5
45	PI/2 BPSK	240	0	22.51	22.63	22.55		
45	QPSK	1	1	23.14	23.25	23.20	24.0	0.0
45	QPSK	1	120	23.16	23.16	23.04		
45	QPSK	1	240	23.09	23.17	23.11		
45	QPSK	120	0	22.03	22.21	22.05	23.0	1.0
45	QPSK	120	60	23.09	23.23	23.11	24.0	0.0
45	QPSK	120	120	22.07	22.13	21.93	23.0	1.0
45	QPSK	240	0	22.09	22.24	22.14		
45	16QAM	1	1	21.81	21.92	21.82	23.0	1.0
45	64QAM	1	1	20.35	20.48	20.32	21.5	2.5
45	256QAM	1	1	18.36	18.44	18.41	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.06	23.09	23.07	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.11	23.19	23.04	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.09	23.11	23.00	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.15	22.99	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.05	23.11	23.07	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.03	23.17	22.99	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.06	23.10	23.01	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.07	23.15	23.10	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.10		24.0	0.0
15	PI/2 BPSK	1	40		23.14			
15	PI/2 BPSK	1	77		23.08			
15	PI/2 BPSK	36	0		22.76		23.5	0.5
15	PI/2 BPSK	36	22		23.09		24.0	0.0
15	PI/2 BPSK	36	43		22.84		23.5	0.5
15	PI/2 BPSK	75	0		22.66			
15	QPSK	1	1		23.43		24.0	0.0
15	QPSK	1	40		23.20			
15	QPSK	1	77		23.04			
15	QPSK	36	0		22.25		23.0	1.0
15	QPSK	36	22		23.20		24.0	0.0
15	QPSK	36	43		22.30		23.0	1.0
15	QPSK	75	0		22.36			
15	16QAM	1	1		22.26		23.0	1.0
15	64QAM	1	1		20.80		21.5	2.5
	256QAM	1	1		18.83		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.35	23.36	23.32	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.27	23.34	23.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.40	23.55	23.33	24.5	0.0
40	PI/2 BPSK	1	53	23.38	23.49	23.38		
40	PI/2 BPSK	1	104	23.36	23.44	23.37		
40	PI/2 BPSK	50	0	22.91	22.96	22.93	24.0	0.5
40	PI/2 BPSK	50	28	23.35	23.46	23.41	24.5	0.0
40	PI/2 BPSK	50	56	22.95	23.01	22.88	24.0	0.5
40	PI/2 BPSK	100	0	22.86	23.00	22.97		
40	QPSK	1	1	23.61	23.63	23.56	24.5	0.0
40	QPSK	1	53	23.43	23.51	23.37		
40	QPSK	1	104	23.41	23.50	23.46		
40	QPSK	50	0	22.39	22.56	22.38	23.5	1.0
40	QPSK	50	28	23.51	23.58	23.48	24.5	0.0
40	QPSK	50	56	22.41	22.41	22.34	23.5	1.0
40	QPSK	100	0	22.46	22.54	22.52		
40	16QAM	1	1	22.19	22.28	22.23	23.5	1.0
40	64QAM	1	1	20.65	20.88	20.64	22.0	2.5
40	256QAM	1	1	18.79	18.79	18.75	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.41	23.49	23.44	24.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.42	23.50	23.45	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.44	23.51	23.39	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.37	23.45	23.35	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.38	23.46	23.39	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.42	23.52	23.36	24.5	0.0
100	PI/2 BPSK	1	137	23.42	23.53	23.42		
100	PI/2 BPSK	1	271	23.36	23.43	23.37		
100	PI/2 BPSK	135	0	22.88	22.97	23.01	24.0	0.5
100	PI/2 BPSK	135	69	23.32	23.49	23.41	24.5	0.0
100	PI/2 BPSK	135	138	23.00	22.97	22.89	24.0	0.5
100	PI/2 BPSK	270	0	22.82	22.97	23.03		
100	QPSK	1	1	23.66	23.67	23.55	24.5	0.0
100	QPSK	1	137	23.46	23.57	23.41		
100	QPSK	1	271	23.46	23.49	23.43		
100	QPSK	135	0	22.36	22.53	22.46	23.5	1.0
100	QPSK	135	69	23.47	23.66	23.54	24.5	0.0
100	QPSK	135	138	22.47	22.48	22.30	23.5	1.0
100	QPSK	270	0	22.44	22.61	22.54		
100	16QAM	1	1	22.20	22.29	22.30	23.5	1.0
100	64QAM	1	1	20.69	20.93	20.64	22.0	2.5
100	256QAM	1	1	18.79	18.75	18.80	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.46	23.56	23.46	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.48	23.50	23.40	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.39	23.48	23.42	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.46	23.51	23.48	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.37	23.54	23.47	24.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.48	23.52	23.52	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.41	23.49	23.52	24.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.47	23.51	23.47	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.40	23.56	23.46	24.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.45	23.53	23.45	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.43	23.57	23.49	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.48	23.49	23.48	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.49	23.57	23.43	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.47	26.50	26.37	27.5	0.0
100	PI/2 BPSK	1	137	26.43	26.56	26.41		
100	PI/2 BPSK	1	271	26.33	26.46	26.42		
100	PI/2 BPSK	135	0	25.88	25.95	25.97	27.0	0.5
100	PI/2 BPSK	135	69	26.36	26.52	26.40	27.5	0.0
100	PI/2 BPSK	135	138	26.04	25.98	25.83	27.0	0.5
100	PI/2 BPSK	270	0	25.85	25.99	26.00		
100	QPSK	1	1	26.60	26.69	26.51	27.5	0.0
100	QPSK	1	137	26.44	26.55	26.38		
100	QPSK	1	271	26.44	26.49	26.46		
100	QPSK	135	0	25.39	25.55	25.49	26.5	1.0
100	QPSK	135	69	26.48	26.60	26.50	27.5	0.0
100	QPSK	135	138	25.50	25.42	25.36	26.5	1.0
100	QPSK	270	0	25.49	25.60	25.54		
100	16QAM	1	1	25.25	25.34	25.34	26.5	1.0
100	64QAM	1	1	23.73	23.90	23.69	25.0	2.5
100	256QAM	1	1	21.74	21.73	21.84	23.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.49	26.55	26.44	27.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.41	26.52	26.49	27.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.51	26.59	26.50	27.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.40	26.60	26.46	27.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.44	26.61	26.42	27.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.40	26.55	26.47	27.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.48	26.61	26.45	27.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.42	26.60	26.49	27.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.46	26.52	26.41	27.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.41	26.61	26.46	27.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.44	26.51	26.48	27.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.42	26.53	26.49	27.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.45	26.51	26.45	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.52	23.45	23.46	24.5	0.0
40	PI/2 BPSK	1	53	23.43	23.56	23.56		
40	PI/2 BPSK	1	104	23.55	23.54	23.65		
40	PI/2 BPSK	50	0	23.13	23.12	23.21	24.0	0.5
40	PI/2 BPSK	50	28	23.37	23.51	23.45	24.5	0.0
40	PI/2 BPSK	50	56	23.04	23.18	23.06	24.0	0.5
40	PI/2 BPSK	100	0	23.09	23.07	23.13		
40	QPSK	1	1	23.62	23.70	23.68	24.5	0.0
40	QPSK	1	53	23.55	23.62	23.52		
40	QPSK	1	104	23.42	23.50	23.59		
40	QPSK	50	0	22.53	22.64	22.71	23.5	1.0
40	QPSK	50	28	23.47	23.62	23.51	24.5	0.0
40	QPSK	50	56	22.66	22.63	22.57	23.5	1.0
40	QPSK	100	0	22.58	22.74	22.73		
40	16QAM	1	1	22.67	22.61	22.66	23.5	1.0
40	64QAM	1	1	21.08	21.20	21.18	22.0	2.5
40	256QAM	1	1	19.17	19.19	19.01	20.0	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.98		
30	QPSK	1	1	23.53	23.60	23.59	24.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.52	23.59	23.57	24.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.52	23.60	23.58	24.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.50	23.58	23.59	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.25	23.24	23.29	24.0	0.0
100	PI/2 BPSK	1	137	23.22	23.35	23.30		
100	PI/2 BPSK	1	271	23.33	23.35	23.40		
100	PI/2 BPSK	135	0	22.93	22.95	22.98	23.5	0.5
100	PI/2 BPSK	135	69	23.21	23.30	23.33	24.0	0.0
100	PI/2 BPSK	135	138	22.83	23.05	22.85	23.5	0.5
100	PI/2 BPSK	270	0	22.97	22.92	22.87		
100	QPSK	1	1	23.37	23.58	23.34	24.0	0.0
100	QPSK	1	137	23.42	23.47	23.29		
100	QPSK	1	271	23.18	23.34	23.39		
100	QPSK	135	0	22.25	22.55	22.46	23.0	1.0
100	QPSK	135	69	23.30	23.36	23.31	24.0	0.0
100	QPSK	135	138	22.51	22.38	22.35	23.0	1.0
100	QPSK	270	0	22.45	22.55	22.48		
100	16QAM	1	1	22.59	22.53	22.53	23.0	1.0
100	64QAM	1	1	20.92	21.01	20.91	21.5	2.5
100	256QAM	1	1	18.95	18.93	18.80	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.27	23.48	23.27	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.29	23.44	23.29	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.28	23.48	23.22	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.23	23.46	23.26	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.31	23.53	23.25	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.22	23.43	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.27	23.51	23.22	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.28	23.44	23.26	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.25	23.51	23.30	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.23	23.51	23.18	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.26	23.49	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.27	26.22	26.17	27.0	0.0
100	PI/2 BPSK	1	137	26.11	26.29	26.34		
100	PI/2 BPSK	1	271	26.23	26.23	26.33		
100	PI/2 BPSK	135	0	25.82	25.90	26.00	26.5	0.5
100	PI/2 BPSK	135	69	26.07	26.35	26.13	27.0	0.0
100	PI/2 BPSK	135	138	25.76	25.92	25.89	26.5	0.5
100	PI/2 BPSK	270	0	25.81	25.87	25.83		
100	QPSK	1	1	26.38	26.48	26.46	27.0	0.0
100	QPSK	1	137	26.39	26.42	26.26		
100	QPSK	1	271	26.21	26.25	26.44		
100	QPSK	135	0	25.26	25.37	25.49	26.0	1.0
100	QPSK	135	69	26.34	26.40	26.23	27.0	0.0
100	QPSK	135	138	25.39	25.39	25.29	26.0	1.0
100	QPSK	270	0	25.37	25.51	25.36		
100	16QAM	1	1	25.40	25.35	25.44	26.0	1.0
100	64QAM	1	1	23.81	23.91	23.90	24.5	2.5
100	256QAM	1	1	21.90	21.97	21.72	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.25	26.43	26.39	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.26	26.38	26.36	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.31	26.38	26.39	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.30	26.38	26.37	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.25	26.34	26.32	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.33	26.39	26.32	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.30	26.39	26.36	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.34	26.39	26.39	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.25	26.38	26.39	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.24	26.37	26.42	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.28	26.36	26.34	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.22		24.0	0.0
100	PI/2 BPSK	1	137		23.31			
100	PI/2 BPSK	1	271		23.21			
100	PI/2 BPSK	135	0		22.85		23.5	0.5
100	PI/2 BPSK	135	69		23.34		24.0	0.0
100	PI/2 BPSK	135	138		23.01		23.5	0.5
100	PI/2 BPSK	270	0		22.86			
100	QPSK	1	1		23.54		24.0	0.0
100	QPSK	1	137		23.25			
100	QPSK	1	271		23.18			
100	QPSK	135	0		22.31		23.0	1.0
100	QPSK	135	69		23.38		24.0	0.0
100	QPSK	135	138		22.39		23.0	1.0
100	QPSK	270	0		22.50			
100	16QAM	1	1		22.32		23.0	1.0
100	64QAM	1	1		20.90		21.5	2.5
100	256QAM	1	1		18.97		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.45	23.42	23.47	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.42	23.40	23.49	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.49	23.46	23.40	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.44	23.45	23.45	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.39	23.45	23.47	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.48	23.43	23.39	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.43	23.47	23.41	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.39	23.44	23.40	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.44	23.47	23.47	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.43	23.40	23.46	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.40	23.46	23.46	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.30		27.0	0.0
100	PI/2 BPSK	1	137		26.27			
100	PI/2 BPSK	1	271		26.27			
100	PI/2 BPSK	135	0		25.98		26.5	0.5
100	PI/2 BPSK	135	69		26.29		27.0	0.0
100	PI/2 BPSK	135	138		26.06		26.5	0.5
100	PI/2 BPSK	270	0		25.85			
100	QPSK	1	1		26.53		27.0	0.0
100	QPSK	1	137		26.35			
100	QPSK	1	271		26.28			
100	QPSK	135	0		25.39		26.0	1.0
100	QPSK	135	69		26.39		27.0	0.0
100	QPSK	135	138		25.52		26.0	1.0
100	QPSK	270	0		25.55			
100	16QAM	1	1		25.45		26.0	1.0
100	64QAM	1	1		23.94		24.5	2.5
100	256QAM	1	1		22.08		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.47	26.47	26.41	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.39	26.46	26.42	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.42	26.46	26.45	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.43	26.39	26.48	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.42	26.42	26.48	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.46	26.45	26.48	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.37	26.42	26.41	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.45	26.44	26.38	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.42	26.44	26.45	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.40	26.45	26.47	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.45	26.40	26.39	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.11		24.0	0.0
100	PI/2 BPSK	1	137		23.21			
100	PI/2 BPSK	1	271		23.28			
100	PI/2 BPSK	135	0		22.84		23.5	0.5
100	PI/2 BPSK	135	69		23.23		24.0	0.0
100	PI/2 BPSK	135	138		22.90		23.5	0.5
100	PI/2 BPSK	270	0		22.85			
100	QPSK	1	1		23.51		24.0	0.0
100	QPSK	1	137		23.29			
100	QPSK	1	271		23.15			
100	QPSK	135	0		22.38		23.0	1.0
100	QPSK	135	69		23.39		24.0	0.0
100	QPSK	135	138		22.36		23.0	1.0
100	QPSK	270	0		22.41			
100	16QAM	1	1		22.43		23.0	1.0
100	64QAM	1	1		20.87		21.5	2.5
100	256QAM	1	1		18.89		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.39	23.46	23.38	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.40	23.46	23.35	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.44	23.45	23.36	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.36	23.45	23.38	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.38	23.38	23.46	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.39	23.38	23.38	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.39	23.42	23.39	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.42	23.46	23.41	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.40	23.36	23.38	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.38	23.40	23.39	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.39	23.42	23.39	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.15		27.0	0.0
100	PI/2 BPSK	1	137		26.21			
100	PI/2 BPSK	1	271		26.22			
100	PI/2 BPSK	135	0		25.89		26.5	0.5
100	PI/2 BPSK	135	69		26.20		27.0	0.0
100	PI/2 BPSK	135	138		25.88		26.5	0.5
100	PI/2 BPSK	270	0		25.83			
100	QPSK	1	1		26.47		27.0	0.0
100	QPSK	1	137		26.33			
100	QPSK	1	271		26.24			
100	QPSK	135	0		25.35		26.0	1.0
100	QPSK	135	69		26.27		27.0	0.0
100	QPSK	135	138		25.37		26.0	1.0
100	QPSK	270	0		25.52			
100	16QAM	1	1		25.32		26.0	1.0
100	64QAM	1	1		23.99		24.5	2.5
100	256QAM	1	1		21.91		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.31	26.40	26.34	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.33	26.38	26.33	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.37	26.37	26.32	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.36	26.31	26.31	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.40	26.34	26.35	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.35	26.33	26.38	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.38	26.41	26.39	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.39	26.35	26.32	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.41	26.42	26.42	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.42	26.38	26.36	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.33	26.33	26.36	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.11		24.0	0.0
100	PI/2 BPSK	1	137		23.09			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		22.69		23.5	0.5
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		22.76		23.5	0.5
100	PI/2 BPSK	270	0		22.71			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.19			
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.23		23.0	1.0
100	QPSK	135	69		23.33		24.0	0.0
100	QPSK	135	138		22.31		23.0	1.0
100	QPSK	270	0		22.28			
100	16QAM	1	1		22.31		23.0	1.0
100	64QAM	1	1		20.74		21.5	2.5
100	256QAM	1	1		18.75		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.39	23.38	23.33	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.34	23.36	23.33	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.36	23.42	23.38	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.40	23.35	23.39	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.41	23.33	23.30	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.35	23.39	23.30	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.37	23.30	23.37	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.33	23.32	23.35	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.39	23.35	23.37	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.32	23.41	23.33	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.34	23.41	23.42	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.10		27.0	0.0
100	PI/2 BPSK	1	137		26.13			
100	PI/2 BPSK	1	271		26.09			
100	PI/2 BPSK	135	0		25.79		26.5	0.5
100	PI/2 BPSK	135	69		26.13		27.0	0.0
100	PI/2 BPSK	135	138		25.73		26.5	0.5
100	PI/2 BPSK	270	0		25.67			
100	QPSK	1	1		26.32		27.0	0.0
100	QPSK	1	137		26.27			
100	QPSK	1	271		26.11			
100	QPSK	135	0		25.28		26.0	1.0
100	QPSK	135	69		26.22		27.0	0.0
100	QPSK	135	138		25.25		26.0	1.0
100	QPSK	270	0		25.42			
100	16QAM	1	1		25.19		26.0	1.0
100	64QAM	1	1		23.84		24.5	2.5
100	256QAM	1	1		21.87		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.27	26.21	26.21	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.22	26.27	26.22	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.21	26.24	26.21	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.27	26.17	26.19	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.22	26.16	26.17	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.21	26.21	26.24	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.25	26.22	26.19	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.24	26.25	26.23	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.19	26.17	26.23	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.23	26.20	26.22	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.23	26.25	26.18	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.32	23.21	23.27	24.0	0.0
40	PI/2 BPSK	1	53	23.27	23.39	23.39		
40	PI/2 BPSK	1	104	23.39	23.28	23.41		
40	PI/2 BPSK	50	0	22.90	22.88	23.00	23.5	0.5
40	PI/2 BPSK	50	28	23.10	23.29	23.31	24.0	0.0
40	PI/2 BPSK	50	56	22.82	23.05	22.94	23.5	0.5
40	PI/2 BPSK	100	0	22.85	22.94	22.88		
40	QPSK	1	1	23.48	23.51	23.50	24.0	0.0
40	QPSK	1	53	23.42	23.43	23.29		
40	QPSK	1	104	23.23	23.33	23.40		
40	QPSK	50	0	22.34	22.47	22.48	23.0	1.0
40	QPSK	50	28	23.33	23.48	23.34	24.0	0.0
40	QPSK	50	56	22.44	22.47	22.35	23.0	1.0
40	QPSK	100	0	22.39	22.54	22.51		
40	16QAM	1	1	22.52	22.41	22.52	23.0	1.0
40	64QAM	1	1	20.93	20.99	21.00	21.5	2.5
40	256QAM	1	1	18.98	18.95	18.76	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.39	23.37	23.37	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.33	23.40	23.35	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.36	23.41	23.40	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.38	23.43	23.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.21	23.25	23.16	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.15	23.32		
100	PI/2 BPSK	1	271	23.23	23.12	23.27		
100	PI/2 BPSK	135	0	22.81	22.88	22.91	23.5	0.5
100	PI/2 BPSK	135	69	23.04	23.28	23.20	24.0	0.0
100	PI/2 BPSK	135	138	22.72	22.91	22.84	23.5	0.5
100	PI/2 BPSK	270	0	22.71	22.86	22.79		
100	QPSK	1	1	23.49	23.54	23.38	24.0	0.0
100	QPSK	1	137	23.32	23.37	23.23		
100	QPSK	1	271	23.13	23.29	23.31		
100	QPSK	135	0	22.31	22.29	22.44	23.0	1.0
100	QPSK	135	69	23.15	23.24	23.17	24.0	0.0
100	QPSK	135	138	22.31	22.43	22.25	23.0	1.0
100	QPSK	270	0	22.29	22.53	22.35		
100	16QAM	1	1	22.32	22.32	22.41	23.0	1.0
100	64QAM	1	1	20.79	20.93	20.86	21.5	2.5
100	256QAM	1	1	18.83	18.95	18.69	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.43	23.47	23.32	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.34	23.43	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.40	23.46	23.29	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.38	23.40	23.23	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.43	23.39	23.31	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.36	23.49	23.34	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.45	23.44	23.26	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.38	23.43	23.22	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.42	23.45	23.24	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.42	23.45	23.24	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.36	23.48	23.27	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.35	26.26	26.26	27.0	0.0
100	PI/2 BPSK	1	137	26.28	26.38	26.38		
100	PI/2 BPSK	1	271	26.32	26.30	26.50		
100	PI/2 BPSK	135	0	25.84	25.96	26.00	26.5	0.5
100	PI/2 BPSK	135	69	26.13	26.29	26.35	27.0	0.0
100	PI/2 BPSK	135	138	25.87	25.99	25.91	26.5	0.5
100	PI/2 BPSK	270	0	25.89	25.85	25.90		
100	QPSK	1	1	26.54	26.55	26.36	27.0	0.0
100	QPSK	1	137	26.36	26.49	26.19		
100	QPSK	1	271	26.27	26.29	26.50		
100	QPSK	135	0	25.27	25.48	25.47	26.0	1.0
100	QPSK	135	69	26.30	26.43	26.23	27.0	0.0
100	QPSK	135	138	25.43	25.50	25.42	26.0	1.0
100	QPSK	270	0	25.43	25.53	25.50		
100	16QAM	1	1	25.57	25.50	25.41	26.0	1.0
100	64QAM	1	1	23.81	24.01	23.96	24.5	2.5
100	256QAM	1	1	21.94	22.00	21.88	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.50	26.48	26.27	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.41	26.47	26.22	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.40	26.50	26.30	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.47	26.46	26.26	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.50	26.50	26.29	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.41	26.44	26.24	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.48	26.44	26.26	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.47	26.40	26.23	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.41	26.45	26.27	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.41	26.51	26.29	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.50	26.47	26.21	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.40			
100	PI/2 BPSK	1	271		23.34			
100	PI/2 BPSK	135	0		23.05		23.5	0.5
100	PI/2 BPSK	135	69		23.36		24.0	0.0
100	PI/2 BPSK	135	138		23.13		23.5	0.5
100	PI/2 BPSK	270	0		23.03			
100	QPSK	1	1		23.60		24.0	0.0
100	QPSK	1	137		23.49			
100	QPSK	1	271		23.45			
100	QPSK	135	0		22.61		23.0	1.0
100	QPSK	135	69		23.49		24.0	0.0
100	QPSK	135	138		22.50		23.0	1.0
100	QPSK	270	0		22.68			
100	16QAM	1	1		22.51		23.0	1.0
100	64QAM	1	1		21.07		21.5	2.5
100	256QAM	1	1		19.09		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.45	23.45	23.45	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.47	23.48	23.54	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.54	23.47	23.45	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.51	23.48	23.54	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.49	23.49	23.46	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.46	23.48	23.55	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.46	23.44	23.56	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.44	23.47	23.50	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.47	23.47	23.52	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.56	23.46	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.49	23.53	23.54	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.33		27.0	0.0
100	PI/2 BPSK	1	137		26.46			
100	PI/2 BPSK	1	271		26.39			
100	PI/2 BPSK	135	0		25.98		26.5	0.5
100	PI/2 BPSK	135	69		26.44		27.0	0.0
100	PI/2 BPSK	135	138		26.15		26.5	0.5
100	PI/2 BPSK	270	0		25.97			
100	QPSK	1	1		26.79		27.0	0.0
100	QPSK	1	137		26.56			
100	QPSK	1	271		26.44			
100	QPSK	135	0		25.50		26.0	1.0
100	QPSK	135	69		26.61		27.0	0.0
100	QPSK	135	138		25.63		26.0	1.0
100	QPSK	270	0		25.74			
100	16QAM	1	1		25.58		26.0	1.0
100	64QAM	1	1		24.05		24.5	2.5
100	256QAM	1	1		22.06		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.75	26.72	26.67	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.70	26.74	26.68	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.69	26.70	26.68	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.67	26.74	26.70	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.69	26.72	26.75	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.70	26.64	26.70	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.67	26.74	26.74	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.74	26.74	26.68	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.72	26.75	26.64	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.70	26.65	26.71	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.74	26.65	26.64	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.15		24.0	0.0
100	PI/2 BPSK	1	137		23.07			
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		22.75		23.5	0.5
100	PI/2 BPSK	135	69		23.17		24.0	0.0
100	PI/2 BPSK	135	138		22.79		23.5	0.5
100	PI/2 BPSK	270	0		22.72			
100	QPSK	1	1		23.41		24.0	0.0
100	QPSK	1	137		23.23			
100	QPSK	1	271		23.25			
100	QPSK	135	0		22.23		23.0	1.0
100	QPSK	135	69		23.18		24.0	0.0
100	QPSK	135	138		22.37		23.0	1.0
100	QPSK	270	0		22.38			
100	16QAM	1	1		22.21		23.0	1.0
100	64QAM	1	1		20.89		21.5	2.5
100	256QAM	1	1		18.87		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.25	23.35	23.26	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.37	23.31	23.28	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.35	23.30	23.26	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.37	23.35	23.27	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.37	23.29	23.28	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.29	23.26	23.37	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.33	23.36	23.34	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.35	23.35	23.37	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.32	23.32	23.27	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.32	23.27	23.30	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.32	23.26	23.36	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.10		27.0	0.0
100	PI/2 BPSK	1	137		26.24			
100	PI/2 BPSK	1	271		26.21			
100	PI/2 BPSK	135	0		25.82		26.5	0.5
100	PI/2 BPSK	135	69		26.17		27.0	0.0
100	PI/2 BPSK	135	138		25.94		26.5	0.5
100	PI/2 BPSK	270	0		25.80			
100	QPSK	1	1		26.40		27.0	0.0
100	QPSK	1	137		26.34			
100	QPSK	1	271		26.16			
100	QPSK	135	0		25.40		26.0	1.0
100	QPSK	135	69		26.35		27.0	0.0
100	QPSK	135	138		25.34		26.0	1.0
100	QPSK	270	0		25.45			
100	16QAM	1	1		25.42		26.0	1.0
100	64QAM	1	1		23.96		24.5	2.5
100	256QAM	1	1		21.93		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.28	26.36	26.30	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.34	26.29	26.25	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.33	26.28	26.26	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.25	26.27	26.31	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.35	26.25	26.31	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.30	26.26	26.36	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.34	26.34	26.24	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.31	26.34	26.25	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.28	26.25	26.35	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.27	26.27	26.32	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.29	26.33	26.35	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.17		24.0	0.0
100	PI/2 BPSK	1	137		23.03			
100	PI/2 BPSK	1	271		23.06			
100	PI/2 BPSK	135	0		22.84		23.5	0.5
100	PI/2 BPSK	135	69		23.14		24.0	0.0
100	PI/2 BPSK	135	138		22.86		23.5	0.5
100	PI/2 BPSK	270	0		22.73			
100	QPSK	1	1		23.45		24.0	0.0
100	QPSK	1	137		23.29			
100	QPSK	1	271		23.20			
100	QPSK	135	0		22.15		23.0	1.0
100	QPSK	135	69		23.14		24.0	0.0
100	QPSK	135	138		22.29		23.0	1.0
100	QPSK	270	0		22.43			
100	16QAM	1	1		22.18		23.0	1.0
100	64QAM	1	1		20.86		21.5	2.5
100	256QAM	1	1		18.85		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.38	23.32	23.30	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.32	23.39	23.38	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.33	23.35	23.30	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.31	23.37	23.36	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.36	23.41	23.34	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.36	23.31	23.30	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.36	23.34	23.37	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.30	23.40	23.41	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.33	23.39	23.40	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.30	23.38	23.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.15		27.0	0.0
100	PI/2 BPSK	1	137		26.23			
100	PI/2 BPSK	1	271		26.24			
100	PI/2 BPSK	135	0		25.90		26.5	0.5
100	PI/2 BPSK	135	69		26.19		27.0	0.0
100	PI/2 BPSK	135	138		25.87		26.5	0.5
100	PI/2 BPSK	270	0		25.75			
100	QPSK	1	1		26.51		27.0	0.0
100	QPSK	1	137		26.38			
100	QPSK	1	271		26.19			
100	QPSK	135	0		25.33		26.0	1.0
100	QPSK	135	69		26.34		27.0	0.0
100	QPSK	135	138		25.41		26.0	1.0
100	QPSK	270	0		25.44			
100	16QAM	1	1		25.43		26.0	1.0
100	64QAM	1	1		23.85		24.5	2.5
100	256QAM	1	1		21.85		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.40	26.40	26.36	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.40	26.44	26.42	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.37	26.42	26.42	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.37	26.43	26.43	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.38	26.38	26.41	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.42	26.42	26.36	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.46	26.41	26.45	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.44	26.35	26.36	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.40	26.41	26.45	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.44	26.46	26.44	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.44	26.45	26.46	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.48	23.55	23.56	24.0	0.0
40	PI/2 BPSK	1	53	23.48	23.62	23.50		
40	PI/2 BPSK	1	104	23.50	23.53	23.53		
40	PI/2 BPSK	50	0	23.06	23.16	23.05	23.5	0.5
40	PI/2 BPSK	50	28	23.55	23.61	23.55	24.0	0.0
40	PI/2 BPSK	50	56	23.03	23.16	23.05	23.5	0.5
40	PI/2 BPSK	100	0	23.07	23.18	23.08		
40	QPSK	1	1	23.58	23.63	23.60	24.0	0.0
40	QPSK	1	53	23.48	23.59	23.55		
40	QPSK	1	104	23.53	23.53	23.57		
40	QPSK	50	0	22.54	22.62	22.56	23.0	1.0
40	QPSK	50	28	23.49	23.61	23.53	24.0	0.0
40	QPSK	50	56	22.52	22.66	22.56	23.0	1.0
40	QPSK	100	0	22.62	22.67	22.56		
40	16QAM	1	1	22.53	22.63	22.55	23.0	1.0
40	64QAM	1	1	21.12	21.13	21.11	21.5	2.5
40	256QAM	1	1	19.07	19.17	19.07	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.54	23.61	23.50	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.53	23.58	23.55	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.54	23.62	23.53	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.48	23.62	23.53	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.11	23.16	23.05	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.12	23.14		
100	PI/2 BPSK	1	271	23.13	23.14	23.16		
100	PI/2 BPSK	135	0	22.67	22.66	22.65	23.5	0.5
100	PI/2 BPSK	135	69	23.06	23.07	23.11	24.0	0.0
100	PI/2 BPSK	135	138	22.62	22.76	22.71	23.5	0.5
100	PI/2 BPSK	270	0	22.70	22.75	22.71		
100	QPSK	1	1	23.16	23.25	23.18	24.0	0.0
100	QPSK	1	137	23.11	23.13	23.15		
100	QPSK	1	271	23.10	23.09	23.12		
100	QPSK	135	0	22.19	22.17	22.20	23.0	1.0
100	QPSK	135	69	23.03	23.18	23.05	24.0	0.0
100	QPSK	135	138	22.18	22.18	22.20	23.0	1.0
100	QPSK	270	0	22.21	22.26	22.22		
100	16QAM	1	1	22.14	22.20	22.16	23.0	1.0
100	64QAM	1	1	20.68	20.74	20.64	21.5	2.5
100	256QAM	1	1	18.66	18.73	18.68	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.04	23.11	23.12	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.04	23.09	23.15	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.12	23.09	23.12	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.08	23.14	23.06	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.07	23.08	23.06	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.09	23.09	23.13	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.03	23.10	23.15	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.09	23.09	23.07	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.08	23.16	23.11	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.04	23.15	23.15	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.09	23.11	23.11	24.0	0.0

Part27O n77 HPUE Ant 5 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.97	26.01	25.81	27.0	0.0
100	PI/2 BPSK	1	137	25.81	25.92	26.00		
100	PI/2 BPSK	1	271	25.99	25.95	26.01		
100	PI/2 BPSK	135	0	25.50	25.47	25.49	26.5	0.5
100	PI/2 BPSK	135	69	25.81	25.90	25.96	27.0	0.0
100	PI/2 BPSK	135	138	25.47	25.59	25.47	26.5	0.5
100	PI/2 BPSK	270	0	25.52	25.59	25.53		
100	QPSK	1	1	25.99	26.03	25.93	27.0	0.0
100	QPSK	1	137	25.88	25.94	25.92		
100	QPSK	1	271	25.86	25.93	25.97		
100	QPSK	135	0	24.97	24.91	24.95	26.0	1.0
100	QPSK	135	69	25.88	26.00	25.81	27.0	0.0
100	QPSK	135	138	24.96	25.04	24.97	26.0	1.0
100	QPSK	270	0	24.98	25.10	24.98		
100	16QAM	1	1	24.92	24.96	24.95	26.0	1.0
100	64QAM	1	1	23.52	23.55	23.42	24.5	2.5
100	256QAM	1	1	21.49	21.54	21.46	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.90	25.88	25.96	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.88	25.93	25.87	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.79	25.87	25.95	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.83	25.94	25.97	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.79	25.96	25.93	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.87	25.85	25.95	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.85	25.95	25.87	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.83	25.89	25.95	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	25.91	25.86	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.85	25.85	25.94	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.81	25.85	25.90	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.26			
100	PI/2 BPSK	135	0		22.71		23.5	0.5
100	PI/2 BPSK	135	69		23.14		24.0	0.0
100	PI/2 BPSK	135	138		22.81		23.5	0.5
100	PI/2 BPSK	270	0		22.81			
100	QPSK	1	1		23.33		24.0	0.0
100	QPSK	1	137		23.19			
100	QPSK	1	271		23.17			
100	QPSK	135	0		22.29		23.0	1.0
100	QPSK	135	69		23.30		24.0	0.0
100	QPSK	135	138		22.31		23.0	1.0
100	QPSK	270	0		22.40			
100	16QAM	1	1		22.27		23.0	1.0
100	64QAM	1	1		20.82		21.5	2.5
100	256QAM	1	1		18.81		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.14	23.22	23.20	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.10	23.19	23.20	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.19	23.17	23.19	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.11	23.23	23.25	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.11	23.22	23.17	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.09	23.17	23.25	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.12	23.21	23.19	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.17	23.26	23.20	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.16	23.21	23.17	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.10	23.16	23.21	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.18	23.26	23.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.00		27.0	0.0
100	PI/2 BPSK	1	137		25.91			
100	PI/2 BPSK	1	271		25.96			
100	PI/2 BPSK	135	0		25.41		26.5	0.5
100	PI/2 BPSK	135	69		25.91		27.0	0.0
100	PI/2 BPSK	135	138		25.54		26.5	0.5
100	PI/2 BPSK	270	0		25.58			
100	QPSK	1	1		26.04		27.0	0.0
100	QPSK	1	137		25.89			
100	QPSK	1	271		25.90			
100	QPSK	135	0		24.87		26.0	1.0
100	QPSK	135	69		25.99		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.03			
100	16QAM	1	1		24.99		26.0	1.0
100	64QAM	1	1		23.51		24.5	2.5
100	256QAM	1	1		21.47		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.90	25.84	25.92	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.85	25.82	25.89	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.88	25.89	25.94	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.91	25.90	25.98	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.83	25.86	25.91	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.86	25.91	25.90	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.88	25.85	25.93	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.84	25.90	25.94	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.89	25.82	25.93	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.89	25.81	25.87	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.90	25.90	25.93	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.13		24.0	0.0
100	PI/2 BPSK	1	137		23.12			
100	PI/2 BPSK	1	271		23.13			
100	PI/2 BPSK	135	0		22.51		23.5	0.5
100	PI/2 BPSK	135	69		23.02		24.0	0.0
100	PI/2 BPSK	135	138		22.61		23.5	0.5
100	PI/2 BPSK	270	0		22.61			
100	QPSK	1	1		23.20		24.0	0.0
100	QPSK	1	137		23.02			
100	QPSK	1	271		23.08			
100	QPSK	135	0		22.16		23.0	1.0
100	QPSK	135	69		23.10		24.0	0.0
100	QPSK	135	138		22.16		23.0	1.0
100	QPSK	270	0		22.27			
100	16QAM	1	1		22.09		23.0	1.0
100	64QAM	1	1		20.69		21.5	2.5
100	256QAM	1	1		18.64		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.98	23.08	23.02	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.95	23.12	23.03	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.04	23.09	23.00	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.04	23.11	23.00	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.99	23.10	23.10	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.95	23.11	23.10	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.03	23.06	23.11	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.00	23.08	23.10	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.96	23.08	23.03	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.99	23.03	23.08	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.94	23.11	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.04		27.0	0.0
100	PI/2 BPSK	1	137		26.04			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.41		26.5	0.5
100	PI/2 BPSK	135	69		25.95		27.0	0.0
100	PI/2 BPSK	135	138		25.53		26.5	0.5
100	PI/2 BPSK	270	0		25.57			
100	QPSK	1	1		26.08		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.95			
100	QPSK	135	0		25.08		26.0	1.0
100	QPSK	135	69		26.02		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.16			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.54		24.5	2.5
100	256QAM	1	1		21.57		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.88	26.00	25.98	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.83	25.93	25.95	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.91	25.99	25.92	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.90	26.01	25.92	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.90	25.96	25.90	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.87	26.01	25.94	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.82	26.01	25.89	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.82	25.92	25.87	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.85	25.92	25.91	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.90	26.01	25.89	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.92	25.94	25.90	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.12		24.0	0.0
100	PI/2 BPSK	1	137		23.07			
100	PI/2 BPSK	1	271		23.11			
100	PI/2 BPSK	135	0		22.52		23.5	0.5
100	PI/2 BPSK	135	69		23.00		24.0	0.0
100	PI/2 BPSK	135	138		22.63		23.5	0.5
100	PI/2 BPSK	270	0		22.54			
100	QPSK	1	1		23.16		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		23.01			
100	QPSK	135	0		22.10		23.0	1.0
100	QPSK	135	69		23.11		24.0	0.0
100	QPSK	135	138		22.12		23.0	1.0
100	QPSK	270	0		22.29			
100	16QAM	1	1		22.11		23.0	1.0
100	64QAM	1	1		20.68		21.5	2.5
100	256QAM	1	1		18.61		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.99	23.10	22.95	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.97	23.03	22.94	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.92	23.02	22.97	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.99	23.00	22.99	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.97	23.08	22.96	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.98	23.11	22.96	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.98	23.11	23.04	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.98	23.08	23.02	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.99	23.06	22.95	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.00	23.00	22.95	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.94	23.05	22.94	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.98		27.0	0.0
100	PI/2 BPSK	1	137		25.94			
100	PI/2 BPSK	1	271		25.95			
100	PI/2 BPSK	135	0		25.37		26.5	0.5
100	PI/2 BPSK	135	69		25.91		27.0	0.0
100	PI/2 BPSK	135	138		25.50		26.5	0.5
100	PI/2 BPSK	270	0		25.50			
100	QPSK	1	1		26.04		27.0	0.0
100	QPSK	1	137		25.75			
100	QPSK	1	271		25.87			
100	QPSK	135	0		25.05		26.0	1.0
100	QPSK	135	69		25.91		27.0	0.0
100	QPSK	135	138		25.01		26.0	1.0
100	QPSK	270	0		25.09			
100	16QAM	1	1		24.90		26.0	1.0
100	64QAM	1	1		23.46		24.5	2.5
100	256QAM	1	1		21.45		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.76	25.95	25.89	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.77	25.93	25.94	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.82	25.96	25.87	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.76	25.94	25.85	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.85	25.87	25.92	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.84	25.94	25.91	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.77	25.95	25.86	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.86	25.88	25.90	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.81	25.86	25.88	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.84	25.96	25.96	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.83	25.94	25.94	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.71	23.68	23.59	24.5	0.0
40	PI/2 BPSK	1	53	23.59	23.79	23.74		
40	PI/2 BPSK	1	104	23.70	23.70	23.85		
40	PI/2 BPSK	50	0	23.26	23.37	23.38	24.0	0.5
40	PI/2 BPSK	50	28	23.61	23.77	23.67	24.5	0.0
40	PI/2 BPSK	50	56	23.26	23.43	23.24	24.0	0.5
40	PI/2 BPSK	100	0	23.23	23.35	23.29		
40	QPSK	1	1	23.84	23.99	23.92	24.5	0.0
40	QPSK	1	53	23.72	23.80	23.73		
40	QPSK	1	104	23.63	23.67	23.80		
40	QPSK	50	0	22.71	22.91	22.96	23.5	1.0
40	QPSK	50	28	23.73	23.86	23.68	24.5	0.0
40	QPSK	50	56	22.83	22.90	22.82	23.5	1.0
40	QPSK	100	0	22.75	22.98	22.97		
40	16QAM	1	1	22.84	22.79	22.83	23.5	1.0
40	64QAM	1	1	21.35	21.41	21.42	22.0	2.5
40	256QAM	1	1	19.32	19.37	19.24	20.0	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.70	23.89	23.76	24.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.71	23.93	23.82	24.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.72	23.87	23.84	24.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.79	23.84	23.77	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.43	23.37	23.32	24.0	0.0
100	PI/2 BPSK	1	137	23.27	23.39	23.52		
100	PI/2 BPSK	1	271	23.44	23.44	23.50		
100	PI/2 BPSK	135	0	22.96	23.07	23.07	23.5	0.5
100	PI/2 BPSK	135	69	23.24	23.38	23.38	24.0	0.0
100	PI/2 BPSK	135	138	22.98	23.08	22.98	23.5	0.5
100	PI/2 BPSK	270	0	22.97	23.06	23.03		
100	QPSK	1	1	23.63	23.67	23.59	24.0	0.0
100	QPSK	1	137	23.47	23.54	23.43		
100	QPSK	1	271	23.34	23.36	23.53		
100	QPSK	135	0	22.46	22.55	22.60	23.0	1.0
100	QPSK	135	69	23.36	23.54	23.40	24.0	0.0
100	QPSK	135	138	22.56	22.58	22.48	23.0	1.0
100	QPSK	270	0	22.52	22.59	22.51		
100	16QAM	1	1	22.60	22.52	22.60	23.0	1.0
100	64QAM	1	1	20.98	21.12	21.07	21.5	2.5
100	256QAM	1	1	19.02	19.16	18.87	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.56	23.56	23.50	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.49	23.57	23.52	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.57	23.53	23.44	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.55	23.53	23.53	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.52	23.52	23.51	24.0	0.0
Channel				649000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.58	23.63	23.44	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.49	23.54	23.46	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.48	23.57	23.52	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.50	23.53	23.46	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.53	23.57	23.51	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.52	23.60	23.54	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.45	26.39	26.35	27.0	0.0
100	PI/2 BPSK	1	137	26.28	26.49	26.48		
100	PI/2 BPSK	1	271	26.46	26.45	26.57		
100	PI/2 BPSK	135	0	26.01	26.03	26.04	26.5	0.5
100	PI/2 BPSK	135	69	26.27	26.38	26.42	27.0	0.0
100	PI/2 BPSK	135	138	25.90	26.11	25.93	26.5	0.5
100	PI/2 BPSK	270	0	25.98	26.03	25.98		
100	QPSK	1	1	26.57	26.65	26.50	27.0	0.0
100	QPSK	1	137	26.43	26.52	26.40		
100	QPSK	1	271	26.35	26.40	26.52		
100	QPSK	135	0	25.37	25.52	25.65	26.0	1.0
100	QPSK	135	69	26.36	26.58	26.39	27.0	0.0
100	QPSK	135	138	25.54	25.59	25.44	26.0	1.0
100	QPSK	270	0	25.44	25.62	25.60		
100	16QAM	1	1	25.55	25.52	25.55	26.0	1.0
100	64QAM	1	1	24.01	24.12	24.13	24.5	2.5
100	256QAM	1	1	22.08	22.10	21.85	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.48	26.61	26.38	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.53	26.60	26.35	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.51	26.58	26.38	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.48	26.50	26.38	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.49	26.50	26.38	27.0	0.0
Channel				649000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.53	26.59	26.41	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.42	26.61	26.45	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.41	26.55	26.39	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.43	26.56	26.38	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.49	26.57	26.41	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.44	26.60	26.36	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.32			
100	PI/2 BPSK	1	271		23.40			
100	PI/2 BPSK	135	0		22.92		23.5	0.5
100	PI/2 BPSK	135	69		23.22		24.0	0.0
100	PI/2 BPSK	135	138		23.04		23.5	0.5
100	PI/2 BPSK	270	0		22.93			
100	QPSK	1	1		23.59		24.0	0.0
100	QPSK	1	137		23.46			
100	QPSK	1	271		23.31			
100	QPSK	135	0		22.39		23.0	1.0
100	QPSK	135	69		23.46		24.0	0.0
100	QPSK	135	138		22.45		23.0	1.0
100	QPSK	270	0		22.46			
100	16QAM	1	1		22.42		23.0	1.0
100	64QAM	1	1		20.98		21.5	2.5
100	256QAM	1	1		19.09		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.45	23.45	23.48	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.47	23.48	23.54	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.50	23.45	23.47	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.55	23.44	23.54	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.51	23.46	23.49	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.53	23.46	23.54	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.55	23.45	23.49	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.53	23.53	23.52	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.54	23.54	23.45	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.44	23.52	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.51	23.47	23.51	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.26		27.0	0.0
100	PI/2 BPSK	1	137		26.33			
100	PI/2 BPSK	1	271		26.31			
100	PI/2 BPSK	135	0		25.90		26.5	0.5
100	PI/2 BPSK	135	69		26.33		27.0	0.0
100	PI/2 BPSK	135	138		25.98		26.5	0.5
100	PI/2 BPSK	270	0		25.98			
100	QPSK	1	1		26.53		27.0	0.0
100	QPSK	1	137		26.42			
100	QPSK	1	271		26.26			
100	QPSK	135	0		25.48		26.0	1.0
100	QPSK	135	69		26.46		27.0	0.0
100	QPSK	135	138		25.51		26.0	1.0
100	QPSK	270	0		25.48			
100	16QAM	1	1		25.45		26.0	1.0
100	64QAM	1	1		24.00		24.5	2.5
100	256QAM	1	1		21.99		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.43	26.40	26.47	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.40	26.45	26.42	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.47	26.45	26.37	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.38	26.37	26.47	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.46	26.49	26.46	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.42	26.48	26.38	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.46	26.41	26.47	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.48	26.46	26.38	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.48	26.42	26.49	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.40	26.43	26.45	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.45	26.47	26.44	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.31		24.0	0.0
100	PI/2 BPSK	1	137		23.43			
100	PI/2 BPSK	1	271		23.44			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.38		24.0	0.0
100	PI/2 BPSK	135	138		23.13		23.5	0.5
100	PI/2 BPSK	270	0		23.04			
100	QPSK	1	1		23.63		24.0	0.0
100	QPSK	1	137		23.54			
100	QPSK	1	271		23.38			
100	QPSK	135	0		22.51		23.0	1.0
100	QPSK	135	69		23.51		24.0	0.0
100	QPSK	135	138		22.56		23.0	1.0
100	QPSK	270	0		22.71			
100	16QAM	1	1		22.51		23.0	1.0
100	64QAM	1	1		21.11		21.5	2.5
100	256QAM	1	1		19.08		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.55	23.49	23.54	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.55	23.56	23.48	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.50	23.55	23.51	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.49	23.48	23.48	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.47	23.58	23.47	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.50	23.48	23.48	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.56	23.50	23.48	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.50	23.58	23.52	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.54	23.53	23.50	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.50	23.59	23.54	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.59	23.58	23.54	24.0	0.0

Part27O n78 HPUE Ant 8 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.39		27.0	0.0
100	PI/2 BPSK	1	137		26.43			
100	PI/2 BPSK	1	271		26.37			
100	PI/2 BPSK	135	0		26.00		26.5	0.5
100	PI/2 BPSK	135	69		26.46		27.0	0.0
100	PI/2 BPSK	135	138		26.13		26.5	0.5
100	PI/2 BPSK	270	0		25.96			
100	QPSK	1	1		26.58		27.0	0.0
100	QPSK	1	137		26.52			
100	QPSK	1	271		26.37			
100	QPSK	135	0		25.51		26.0	1.0
100	QPSK	135	69		26.53		27.0	0.0
100	QPSK	135	138		25.61		26.0	1.0
100	QPSK	270	0		25.71			
100	16QAM	1	1		25.50		26.0	1.0
100	64QAM	1	1		24.11		24.5	2.5
100	256QAM	1	1		22.14		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.48	26.42	26.44	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.44	26.49	26.46	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.47	26.45	26.43	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.51	26.42	26.44	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.44	26.53	26.49	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.45	26.46	26.53	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.52	26.53	26.44	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.51	26.51	26.49	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.53	26.50	26.49	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.47	26.49	26.46	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.48	26.53	26.52	27.0	0.0

Part27Q n78 Ant 8 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.33		24.0	0.0
100	PI/2 BPSK	1	137		23.40			
100	PI/2 BPSK	1	271		23.43			
100	PI/2 BPSK	135	0		23.05		23.5	0.5
100	PI/2 BPSK	135	69		23.47		24.0	0.0
100	PI/2 BPSK	135	138		23.10		23.5	0.5
100	PI/2 BPSK	270	0		22.98			
100	QPSK	1	1		23.58		24.0	0.0
100	QPSK	1	137		23.48			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.51		23.0	1.0
100	QPSK	135	69		23.49		24.0	0.0
100	QPSK	135	138		22.53		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.49		23.0	1.0
100	64QAM	1	1		21.04		21.5	2.5
100	256QAM	1	1		19.11		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.52	23.42	23.48	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.51	23.50	23.48	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.46	23.48	23.47	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.42	23.43	23.52	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.51	23.48	23.49	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.46	23.52	23.49	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.52	23.48	23.51	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.47	23.53	23.48	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.45	23.45	23.42	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.45	23.47	23.52	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.51	23.46	23.42	24.0	0.0

Part27Q n78 HPUE Ant 8 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.37		27.0	0.0
100	PI/2 BPSK	1	137		26.47			
100	PI/2 BPSK	1	271		26.43			
100	PI/2 BPSK	135	0		25.99		26.5	0.5
100	PI/2 BPSK	135	69		26.43		27.0	0.0
100	PI/2 BPSK	135	138		26.07		26.5	0.5
100	PI/2 BPSK	270	0		25.96			
100	QPSK	1	1		26.61		27.0	0.0
100	QPSK	1	137		26.54			
100	QPSK	1	271		26.36			
100	QPSK	135	0		25.56		26.0	1.0
100	QPSK	135	69		26.50		27.0	0.0
100	QPSK	135	138		25.50		26.0	1.0
100	QPSK	270	0		25.66			
100	16QAM	1	1		25.45		26.0	1.0
100	64QAM	1	1		24.05		24.5	2.5
100	256QAM	1	1		22.13		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.48	26.51	26.54	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.55	26.48	26.55	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.54	26.49	26.55	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.53	26.49	26.46	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.48	26.56	26.53	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.54	26.52	26.45	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.47	26.55	26.48	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.51	26.52	26.52	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.51	26.56	26.46	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.56	26.54	26.53	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.49	26.57	26.46	27.0	0.0

Reduced Power Mode for DSI 2

n5 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.16	23.28	23.23	24.0	0.0
20	PI/2 BPSK	1	53	23.15	23.26	23.27		
20	PI/2 BPSK	1	104	23.18	23.29	23.31		
20	PI/2 BPSK	50	0	22.91	22.93	22.87	23.5	0.5
20	PI/2 BPSK	50	28	23.23	23.24	23.28	24.0	0.0
20	PI/2 BPSK	50	56	22.81	22.95	22.88	23.5	0.5
20	PI/2 BPSK	100	0	22.82	22.85	22.95		
20	QPSK	1	1	23.29	23.39	23.33	24.0	0.0
20	QPSK	1	53	23.25	23.34	23.33		
20	QPSK	1	104	23.22	23.25	23.35		
20	QPSK	50	0	22.24	22.36	22.39	23.0	1.0
20	QPSK	50	28	23.23	23.29	23.18	24.0	0.0
20	QPSK	50	56	22.38	22.40	22.26	23.0	1.0
20	QPSK	100	0	22.27	22.49	22.35		
20	16QAM	1	1	22.30	22.39	22.35	23.0	1.0
20	64QAM	1	1	20.91	20.83	20.91	21.5	2.5
20	256QAM	1	1	18.82	18.92	18.80	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.34	23.22	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.24	23.24	23.20	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.21	23.23	23.20	24.0	0.0

n7 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.76	22.81	22.82	24.0	0.0
50	PI/2 BPSK	1	135	22.74	22.83	22.79		
50	PI/2 BPSK	1	268	22.74	22.89	22.89		
50	PI/2 BPSK	135	0	22.51	22.46	22.40	23.5	0.5
50	PI/2 BPSK	135	68	22.74	22.82	22.88	24.0	0.0
50	PI/2 BPSK	135	135	22.35	22.47	22.39	23.5	0.5
50	PI/2 BPSK	270	0	22.37	22.44	22.51		
50	QPSK	1	1	22.82	22.92	22.91	24.0	0.0
50	QPSK	1	135	22.84	22.91	22.84		
50	QPSK	1	268	22.82	22.84	22.90		
50	QPSK	135	0	21.81	21.89	21.94	23.0	1.0
50	QPSK	135	68	22.72	22.87	22.73	24.0	0.0
50	QPSK	135	135	21.96	22.01	21.79	23.0	1.0
50	QPSK	270	0	21.82	22.07	21.89		
50	16QAM	1	1	21.84	21.99	21.90	23.0	1.0
50	64QAM	1	1	20.48	20.42	20.43	21.5	2.5
50	256QAM	1	1	18.39	18.42	18.38	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.71	22.79	22.80	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.72	22.80	22.79	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.69	22.81	22.86	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.74	22.77	22.76	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.74	22.77	22.86	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.73	22.88	22.77	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.69	22.82	22.85	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.71	22.82	22.82	24.0	0.0

n12 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.49	23.54	23.54	24.5	0.0
15	PI/2 BPSK	1	40	23.48	23.55	23.55		
15	PI/2 BPSK	1	77	23.50	23.54	23.58		
15	PI/2 BPSK	36	0	23.10	23.13	23.15	24.0	0.5
15	PI/2 BPSK	36	22	23.40	23.52	23.55	24.5	0.0
15	PI/2 BPSK	36	43	23.14	23.17	23.11	24.0	0.5
15	PI/2 BPSK	75	0	23.11	23.11	23.10		
15	QPSK	1	1	23.60	23.64	23.60	24.5	0.0
15	QPSK	1	40	23.51	23.55	23.52		
15	QPSK	1	77	23.46	23.48	23.58		
15	QPSK	36	0	22.55	22.71	22.65	23.5	1.0
15	QPSK	36	22	23.51	23.60	23.40	24.5	0.0
15	QPSK	36	43	22.57	22.62	22.52	23.5	1.0
15	QPSK	75	0	22.49	22.74	22.68		
15	16QAM	1	1	22.55	22.72	22.52	23.5	1.0
15	64QAM	1	1	21.13	21.18	21.19	22.0	2.5
	256QAM	1	1	19.16	19.24	19.12	20.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.48	23.53	23.45	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.49	23.59	23.56	24.5	0.0

n14 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.66		24.5	0.0
10	PI/2 BPSK	1	26		23.55			
10	PI/2 BPSK	1	50		23.52			
10	PI/2 BPSK	25	0		23.18		24.0	0.5
10	PI/2 BPSK	25	14		23.59		24.5	0.0
10	PI/2 BPSK	25	27		23.27		24.0	0.5
10	PI/2 BPSK	50	0		23.05			
10	QPSK	1	1		23.70		24.5	0.0
10	QPSK	1	26		23.61			
10	QPSK	1	50		23.47			
10	QPSK	25	0		22.72		23.5	1.0
10	QPSK	25	14		23.61		24.5	0.0
10	QPSK	25	27		22.57		23.5	1.0
10	QPSK	50	0		22.68			
10	16QAM	1	1		22.66		23.5	1.0
10	64QAM	1	1		21.19		22.0	2.5
10	256QAM	1	1		19.16		20.0	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.61	23.57	23.55	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	22.38	22.51	22.52	24.0	0.0
45	PI/2 BPSK	1	120	22.46	22.51	22.53		
45	PI/2 BPSK	1	240	22.42	22.55	22.55		
45	PI/2 BPSK	120	0	22.05	22.21	22.14	23.5	0.5
45	PI/2 BPSK	120	60	22.44	22.55	22.64	24.0	0.0
45	PI/2 BPSK	120	120	22.12	22.18	22.19	23.5	0.5
45	PI/2 BPSK	240	0	22.15	22.13	22.17		
45	QPSK	1	1	22.65	22.70	22.67	24.0	0.0
45	QPSK	1	120	22.52	22.57	22.52		
45	QPSK	1	240	22.46	22.51	22.47		
45	QPSK	120	0	21.55	21.70	21.67	23.0	1.0
45	QPSK	120	60	22.54	22.67	22.42	24.0	0.0
45	QPSK	120	120	21.66	21.57	21.54	23.0	1.0
45	QPSK	240	0	21.46	21.68	21.67		
45	16QAM	1	1	21.68	21.70	21.59	23.0	1.0
45	64QAM	1	1	20.04	20.06	20.24	21.5	2.5
45	256QAM	1	1	18.16	18.14	18.06	19.5	4.5
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	QPSK	1	1	22.50	22.52	22.38	24.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.50	22.52	22.38	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.41	22.55	22.36	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.42	22.44	22.39	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.39	22.45	22.39	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.48	22.53	22.37	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.48	22.50	22.37	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.46	22.45	22.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.32	23.35	23.36	24.0	0.0
20	PI/2 BPSK	1	53	23.38	23.37	23.39		
20	PI/2 BPSK	1	104	23.26	23.32	23.39		
20	PI/2 BPSK	50	0	23.03	23.04	23.04	23.5	0.5
20	PI/2 BPSK	50	28	23.35	23.36	23.33	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.12	22.96	23.5	0.5
20	PI/2 BPSK	100	0	22.97	22.99	22.96		
20	QPSK	1	1	23.55	23.60	23.58	24.0	0.0
20	QPSK	1	53	23.35	23.49	23.36		
20	QPSK	1	104	23.33	23.40	23.38		
20	QPSK	50	0	22.43	22.51	22.55	23.0	1.0
20	QPSK	50	28	23.36	23.44	23.26	24.0	0.0
20	QPSK	50	56	22.44	22.45	22.38	23.0	1.0
20	QPSK	100	0	22.44	22.51	22.46		
20	16QAM	1	1	22.49	22.54	22.44	23.0	1.0
20	64QAM	1	1	20.95	21.03	20.97	21.5	2.5
20	256QAM	1	1	18.93	19.10	18.89	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.50	23.46	23.47	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.50	23.46	23.42	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.49	23.50	23.43	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.19		24.0	0.0
10	PI/2 BPSK	1	26		22.12			
10	PI/2 BPSK	1	50		22.14			
10	PI/2 BPSK	25	0		21.89		23.5	0.5
10	PI/2 BPSK	25	14		22.25		24.0	0.0
10	PI/2 BPSK	25	27		21.85		23.5	0.5
10	PI/2 BPSK	50	0		21.73			
10	QPSK	1	1		22.39		24.0	0.0
10	QPSK	1	26		22.22			
10	QPSK	1	50		22.15			
10	QPSK	25	0		21.35		23.0	1.0
10	QPSK	25	14		22.31		24.0	0.0
10	QPSK	25	27		21.29		23.0	1.0
10	QPSK	50	0		21.39			
10	16QAM	1	1		21.35		23.0	1.0
10	64QAM	1	1		19.78		21.5	2.5
10	256QAM	1	1		17.91		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.29	22.34	22.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.97	23.03	23.00	24.0	0.0
45	PI/2 BPSK	1	120	22.97	22.90	23.06		
45	PI/2 BPSK	1	240	22.93	23.01	23.06		
45	PI/2 BPSK	120	0	22.64	22.60	22.66	23.5	0.5
45	PI/2 BPSK	120	60	22.85	22.98	22.97	24.0	0.0
45	PI/2 BPSK	120	120	22.54	22.72	22.56	23.5	0.5
45	PI/2 BPSK	240	0	22.55	22.60	22.63		
45	QPSK	1	1	23.12	23.18	23.16	24.0	0.0
45	QPSK	1	120	23.00	23.00	22.99		
45	QPSK	1	240	22.99	22.90	23.03		
45	QPSK	120	0	22.00	22.13	22.13	23.0	1.0
45	QPSK	120	60	22.92	23.08	22.89	24.0	0.0
45	QPSK	120	120	22.00	22.08	22.08	23.0	1.0
45	QPSK	240	0	21.98	22.16	22.10		
45	16QAM	1	1	22.02	22.12	22.04	23.0	1.0
45	64QAM	1	1	20.57	20.58	20.67	21.5	2.5
45	256QAM	1	1	18.54	18.68	18.53	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.98	23.04	23.04	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.02	23.14	23.04	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.02	23.09	23.09	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.03	23.05	23.01	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.97	23.08	23.07	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.03	23.10	23.03	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.04	23.13	23.01	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.05	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.45		24.0	0.0
15	PI/2 BPSK	1	40		22.41			
15	PI/2 BPSK	1	77		22.44			
15	PI/2 BPSK	36	0		22.08		23.5	0.5
15	PI/2 BPSK	36	22		22.49		24.0	0.0
15	PI/2 BPSK	36	43		22.11		23.5	0.5
15	PI/2 BPSK	75	0		22.02			
15	QPSK	1	1		22.71		24.0	0.0
15	QPSK	1	40		22.59			
15	QPSK	1	77		22.50			
15	QPSK	36	0		21.66		23.0	1.0
15	QPSK	36	22		22.56		24.0	0.0
15	QPSK	36	43		21.51		23.0	1.0
15	QPSK	75	0		21.69			
15	16QAM	1	1		21.65		23.0	1.0
15	64QAM	1	1		20.10		21.5	2.5
	256QAM	1	1		18.15		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.58	22.61	22.65	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.65	22.55	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	PI/2 BPSK	1	1		23.17		24.0	0.0
35	PI/2 BPSK	1	90		23.20			
35	PI/2 BPSK	1	186		23.18			
35	PI/2 BPSK	90	0		22.79		23.5	0.5
35	PI/2 BPSK	90	45		23.17		24.0	0.0
35	PI/2 BPSK	90	90		22.84		23.5	0.5
35	PI/2 BPSK	180	0		22.70			
35	QPSK	1	1		23.44		24.0	0.0
35	QPSK	1	90		23.19			
35	QPSK	1	186		23.20			
35	QPSK	90	0		22.28		23.0	1.0
35	QPSK	90	45		23.26		24.0	0.0
35	QPSK	90	90		22.27		23.0	1.0
35	QPSK	180	0		22.30			
35	16QAM	1	1		22.40		23.0	1.0
35	64QAM	1	1		20.84		21.5	2.5
35	256QAM	1	1		18.91		19.5	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.36	23.30	23.39	24.0	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.32	23.28	23.31	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.39	23.36	23.32	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.40	23.36	23.33	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.33	23.38	23.39	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.35	23.37	23.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.84	22.87	22.82	24.0	0.0
40	PI/2 BPSK	1	53	22.92	22.99	22.98		
40	PI/2 BPSK	1	104	22.92	22.97	23.04		
40	PI/2 BPSK	50	0	22.50	22.49	22.60	23.5	0.5
40	PI/2 BPSK	50	28	22.75	22.90	22.95	24.0	0.0
40	PI/2 BPSK	50	56	22.47	22.67	22.55	23.5	0.5
40	PI/2 BPSK	100	0	22.44	22.49	22.55		
40	QPSK	1	1	23.15	23.19	23.13	24.0	0.0
40	QPSK	1	53	22.96	22.97	22.97		
40	QPSK	1	104	22.90	22.92	23.06		
40	QPSK	50	0	21.89	22.10	22.10	23.0	1.0
40	QPSK	50	28	22.90	23.04	22.88	24.0	0.0
40	QPSK	50	56	22.01	22.00	21.93	23.0	1.0
40	QPSK	100	0	21.93	22.18	22.13		
40	16QAM	1	1	22.02	22.06	22.06	23.0	1.0
40	64QAM	1	1	20.57	20.61	20.62	21.5	2.5
40	256QAM	1	1	18.53	18.54	18.40	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.09	23.10	23.07	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.06	23.07	23.06	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.08	23.09	23.03	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.06	23.11	22.98	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.02	23.05	23.05	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.15	23.15	23.09	24.0	0.0
100	PI/2 BPSK	1	137	23.17	23.23	23.24		
100	PI/2 BPSK	1	271	23.16	23.16	23.26		
100	PI/2 BPSK	135	0	22.71	22.81	22.81	23.5	0.5
100	PI/2 BPSK	135	69	23.05	23.23	23.12	24.0	0.0
100	PI/2 BPSK	135	138	22.76	22.92	22.73	23.5	0.5
100	PI/2 BPSK	270	0	22.68	22.68	22.80		
100	QPSK	1	1	23.45	23.49	23.41	24.0	0.0
100	QPSK	1	137	23.17	23.22	23.14		
100	QPSK	1	271	23.15	23.09	23.25		
100	QPSK	135	0	22.19	22.34	22.38	23.0	1.0
100	QPSK	135	69	23.12	23.25	23.15	24.0	0.0
100	QPSK	135	138	22.28	22.31	22.14	23.0	1.0
100	QPSK	270	0	22.23	22.36	22.35		
100	16QAM	1	1	22.29	22.30	22.24	23.0	1.0
100	64QAM	1	1	20.86	20.90	20.86	21.5	2.5
100	256QAM	1	1	18.80	18.81	18.73	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.31	23.45	23.26	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.33	23.44	23.33	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.36	23.39	23.32	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.35	23.38	23.28	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.29	23.45	23.26	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.33	23.43	23.29	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.30	23.35	23.37	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.31	23.34	23.27	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.34	23.40	23.35	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.36	23.34	23.30	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.40	23.45	23.34	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.31	23.41	23.28	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.36	23.40	23.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.15	26.24	26.18	27.0	0.0
100	PI/2 BPSK	1	137	26.12	26.22	26.22		
100	PI/2 BPSK	1	271	26.19	26.20	26.34		
100	PI/2 BPSK	135	0	25.84	25.78	25.86	26.5	0.5
100	PI/2 BPSK	135	69	26.11	26.21	26.13	27.0	0.0
100	PI/2 BPSK	135	138	25.82	25.97	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.72	25.80	25.84		
100	QPSK	1	1	26.48	26.52	26.50	27.0	0.0
100	QPSK	1	137	26.26	26.20	26.28		
100	QPSK	1	271	26.16	26.18	26.35		
100	QPSK	135	0	25.21	25.37	25.41	26.0	1.0
100	QPSK	135	69	26.14	26.36	26.18	27.0	0.0
100	QPSK	135	138	25.32	25.37	25.27	26.0	1.0
100	QPSK	270	0	25.23	25.51	25.39		
100	16QAM	1	1	25.28	25.40	25.30	26.0	1.0
100	64QAM	1	1	23.85	23.92	23.96	24.5	2.5
100	256QAM	1	1	21.82	21.84	21.80	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.43	26.40	26.35	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.38	26.44	26.38	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.36	26.43	26.45	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.33	26.38	26.46	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.40	26.39	26.44	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.42	26.47	26.44	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.38	26.40	26.40	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.40	26.43	26.46	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.37	26.47	26.43	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.39	26.45	26.44	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.39	26.36	26.35	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.39	26.36	26.44	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.40	26.37	26.45	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.97	23.05	23.02	24.0	0.0
20	PI/2 BPSK	1	53	22.96	22.99	23.11		
20	PI/2 BPSK	1	104	22.96	22.97	23.11		
20	PI/2 BPSK	50	0	22.60	22.67	22.72	23.5	0.5
20	PI/2 BPSK	50	28	22.99	23.03	23.00	24.0	0.0
20	PI/2 BPSK	50	56	22.60	22.68	22.63	23.5	0.5
20	PI/2 BPSK	100	0	22.61	22.56	22.71		
20	QPSK	1	1	23.13	23.18	23.16	24.0	0.0
20	QPSK	1	53	23.06	23.06	23.09		
20	QPSK	1	104	23.03	22.97	23.09		
20	QPSK	50	0	22.02	22.16	22.21	23.0	1.0
20	QPSK	50	28	22.97	23.12	23.00	24.0	0.0
20	QPSK	50	56	22.07	22.11	22.09	23.0	1.0
20	QPSK	100	0	22.06	22.21	22.20		
20	16QAM	1	1	22.07	22.17	22.04	23.0	1.0
20	64QAM	1	1	20.66	20.59	20.69	21.5	2.5
20	256QAM	1	1	18.62	18.75	18.56	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.99	23.03	23.06	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.07	23.04	23.05	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.12	23.01	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.03	23.06	23.02	24.0	0.0
50	PI/2 BPSK	1	135	23.07	23.07	23.14		
50	PI/2 BPSK	1	268	22.97	23.10	23.14		
50	PI/2 BPSK	135	0	22.68	22.68	22.75	23.5	0.5
50	PI/2 BPSK	135	68	23.05	23.13	23.08	24.0	0.0
50	PI/2 BPSK	135	135	22.64	22.75	22.71	23.5	0.5
50	PI/2 BPSK	270	0	22.65	22.71	22.68		
50	QPSK	1	1	23.28	23.35	23.33	24.0	0.0
50	QPSK	1	135	23.03	23.11	23.14		
50	QPSK	1	268	23.00	23.01	23.12		
50	QPSK	135	0	22.09	22.23	22.21	23.0	1.0
50	QPSK	135	68	23.05	23.12	23.02	24.0	0.0
50	QPSK	135	135	22.19	22.13	22.10	23.0	1.0
50	QPSK	270	0	22.09	22.29	22.18		
50	16QAM	1	1	22.12	22.30	22.10	23.0	1.0
50	64QAM	1	1	20.65	20.69	20.78	21.5	2.5
50	256QAM	1	1	18.72	18.75	18.64	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.20	23.21	23.23	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.18	23.27	23.17	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.24	23.20	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.19	23.26	23.25	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.24	23.21	23.23	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.17	23.31	23.19	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.19	23.28	23.18	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.23	23.19	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.17	23.32	23.28	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.29		
15	PI/2 BPSK	1	77	23.17	23.27	23.32		
15	PI/2 BPSK	36	0	22.88	22.96	22.89	23.5	0.5
15	PI/2 BPSK	36	22	23.20	23.31	23.29	24.0	0.0
15	PI/2 BPSK	36	43	22.93	23.00	22.88	23.5	0.5
15	PI/2 BPSK	75	0	22.83	22.86	22.97		
15	QPSK	1	1	23.45	23.47	23.41	24.0	0.0
15	QPSK	1	40	23.29	23.27	23.26		
15	QPSK	1	77	23.31	23.30	23.28		
15	QPSK	36	0	22.29	22.39	22.36	23.0	1.0
15	QPSK	36	22	23.26	23.39	23.26	24.0	0.0
15	QPSK	36	43	22.33	22.35	22.32	23.0	1.0
15	QPSK	75	0	22.33	22.41	22.39		
15	16QAM	1	1	22.39	22.49	22.33	23.0	1.0
15	64QAM	1	1	20.82	20.88	20.90	21.5	2.5
	256QAM	1	1	18.87	19.01	18.85	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.31	23.36	23.31	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.34	23.42	23.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.13		24.0	0.0
10	PI/2 BPSK	1	26		23.21			
10	PI/2 BPSK	1	50		23.16			
10	PI/2 BPSK	25	0		22.87		23.5	0.5
10	PI/2 BPSK	25	14		23.21		24.0	0.0
10	PI/2 BPSK	25	27		22.87		23.5	0.5
10	PI/2 BPSK	50	0		22.73			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.22			
10	QPSK	1	50		23.17			
10	QPSK	25	0		22.31		23.0	1.0
10	QPSK	25	14		23.30		24.0	0.0
10	QPSK	25	27		22.27		23.0	1.0
10	QPSK	50	0		22.39			
10	16QAM	1	1		22.35		23.0	1.0
10	64QAM	1	1		20.83		21.5	2.5
10	256QAM	1	1		18.90		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5	24.0	0.0
5	QPSK	1	1	23.30	23.34	23.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	22.52	22.65	22.65	24.0	0.0
45	PI/2 BPSK	1	120	22.53	22.66	22.67		
45	PI/2 BPSK	1	240	22.56	22.59	22.66		
45	PI/2 BPSK	120	0	22.30	22.33	22.23	23.5	0.5
45	PI/2 BPSK	120	60	22.50	22.67	22.62	24.0	0.0
45	PI/2 BPSK	120	120	22.24	22.35	22.21	23.5	0.5
45	PI/2 BPSK	240	0	22.12	22.21	22.26		
45	QPSK	1	1	22.76	22.83	22.78	24.0	0.0
45	QPSK	1	120	22.67	22.65	22.65		
45	QPSK	1	240	22.64	22.60	22.70		
45	QPSK	120	0	21.70	21.78	21.76	23.0	1.0
45	QPSK	120	60	22.57	22.65	22.52	24.0	0.0
45	QPSK	120	120	21.73	21.67	21.68	23.0	1.0
45	QPSK	240	0	21.64	21.83	21.74		
45	16QAM	1	1	21.69	21.76	21.72	23.0	1.0
45	64QAM	1	1	20.24	20.22	20.25	21.5	2.5
45	256QAM	1	1	18.27	18.25	18.22	19.5	4.5
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	QPSK	1	1	22.52	22.65	22.65	24.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.67	22.67	22.69	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.65	22.79	22.67	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.66	22.71	22.72	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.65	22.75	22.71	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.66	22.73	22.64	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.68	22.72	22.66	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.69	22.72	22.65	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.00	23.00	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.06	23.04		
20	PI/2 BPSK	1	104	23.00	23.02	23.11		
20	PI/2 BPSK	50	0	22.59	22.63	22.71	23.5	0.5
20	PI/2 BPSK	50	28	22.91	23.03	22.99	24.0	0.0
20	PI/2 BPSK	50	56	22.59	22.72	22.62	23.5	0.5
20	PI/2 BPSK	100	0	22.55	22.55	22.62		
20	QPSK	1	1	23.15	23.20	23.18	24.0	0.0
20	QPSK	1	53	23.07	23.06	23.02		
20	QPSK	1	104	23.00	22.99	23.13		
20	QPSK	50	0	22.00	22.17	22.18	23.0	1.0
20	QPSK	50	28	22.94	23.10	23.02	24.0	0.0
20	QPSK	50	56	22.15	22.16	22.02	23.0	1.0
20	QPSK	100	0	22.06	22.25	22.18		
20	16QAM	1	1	22.12	22.18	22.14	23.0	1.0
20	64QAM	1	1	20.65	20.70	20.71	21.5	2.5
20	256QAM	1	1	18.61	18.69	18.55	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.03	23.04	23.09	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.11	23.08	23.11	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.05	23.12	23.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.08	22.25	22.05	23.0	0.0
45	PI/2 BPSK	1	120	22.08	22.24	22.06		
45	PI/2 BPSK	1	240	22.16	22.15	22.15		
45	PI/2 BPSK	120	0	21.53	21.67	21.55	22.5	0.5
45	PI/2 BPSK	120	60	22.05	22.20	22.14	23.0	0.0
45	PI/2 BPSK	120	120	21.64	21.69	21.57	22.5	0.5
45	PI/2 BPSK	240	0	21.60	21.70	21.58		
45	QPSK	1	1	22.21	22.28	22.17	23.0	0.0
45	QPSK	1	120	22.22	22.15	22.06		
45	QPSK	1	240	22.09	22.24	22.07		
45	QPSK	120	0	21.09	21.26	21.07	22.0	1.0
45	QPSK	120	60	22.21	22.25	22.18	23.0	0.0
45	QPSK	120	120	21.00	21.13	21.03	22.0	1.0
45	QPSK	240	0	21.18	21.22	21.17		
45	16QAM	1	1	20.88	20.99	20.90	22.0	1.0
45	64QAM	1	1	19.35	19.49	19.41	20.5	2.5
45	256QAM	1	1	17.46	17.47	17.39	18.5	4.5
Channel				348000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.11	22.15	22.10	23.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.10	22.23	22.09	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.16	22.13	22.08	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.16	22.13	22.02	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.17	22.20	22.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.06	22.19	22.08	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.16	22.13	22.06	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.06	22.16	22.13	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.49		24.0	0.0
15	PI/2 BPSK	1	40		22.42			
15	PI/2 BPSK	1	77		22.41			
15	PI/2 BPSK	36	0		22.11		23.5	0.5
15	PI/2 BPSK	36	22		22.40		24.0	0.0
15	PI/2 BPSK	36	43		22.16		23.5	0.5
15	PI/2 BPSK	75	0		21.96			
15	QPSK	1	1		22.60		24.0	0.0
15	QPSK	1	40		22.48			
15	QPSK	1	77		22.38			
15	QPSK	36	0		21.59		23.0	1.0
15	QPSK	36	22		22.54		24.0	0.0
15	QPSK	36	43		21.57		23.0	1.0
15	QPSK	75	0		21.56			
15	16QAM	1	1		21.63		23.0	1.0
15	64QAM	1	1		20.04		21.5	2.5
	256QAM	1	1		18.15		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.49	22.47	22.55	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.47	22.48	22.46	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	PI/2 BPSK	1	1		22.82		24.0	0.0
35	PI/2 BPSK	1	90		22.79			
35	PI/2 BPSK	1	180		22.75			
35	PI/2 BPSK	90	0		22.44		23.5	0.5
35	PI/2 BPSK	90	45		22.76		24.0	0.0
35	PI/2 BPSK	90	90		22.44		23.5	0.5
35	PI/2 BPSK	180	0		22.35			
35	QPSK	1	1		22.99		24.0	0.0
35	QPSK	1	90		22.78			
35	QPSK	1	180		22.74			
35	QPSK	90	0		21.89		23.0	1.0
35	QPSK	90	45		22.81		24.0	0.0
35	QPSK	90	90		21.84		23.0	1.0
35	QPSK	180	0		21.94			
35	16QAM	1	1		22.01		23.0	1.0
35	64QAM	1	1		20.36		21.5	2.5
35	256QAM	1	1		18.52		19.5	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	22.87	22.89	22.91	24.0	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.94	22.85	22.94	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.85	22.84	22.88	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.87	22.93	22.90	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.89	22.88	22.86	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.94	22.87	22.89	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.19	23.27	23.10	24.0	0.0
40	PI/2 BPSK	1	53	23.10	23.21	23.12		
40	PI/2 BPSK	1	104	23.16	23.27	23.09		
40	PI/2 BPSK	50	0	22.67	22.66	22.67	23.5	0.5
40	PI/2 BPSK	50	28	23.10	23.23	23.16	24.0	0.0
40	PI/2 BPSK	50	56	22.66	22.81	22.66	23.5	0.5
40	PI/2 BPSK	100	0	22.69	22.79	22.65		
40	QPSK	1	1	23.29	23.33	23.23	24.0	0.0
40	QPSK	1	53	23.24	23.25	23.04		
40	QPSK	1	104	23.18	23.32	23.12		
40	QPSK	50	0	22.18	22.33	22.11	23.0	1.0
40	QPSK	50	28	23.21	23.28	23.27	24.0	0.0
40	QPSK	50	56	22.11	22.15	22.01	23.0	1.0
40	QPSK	100	0	22.23	22.28	22.25		
40	16QAM	1	1	21.96	22.08	21.92	23.0	1.0
40	64QAM	1	1	20.45	20.58	20.45	21.5	2.5
40	256QAM	1	1	18.44	18.55	18.42	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.15	23.22	23.19	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.12	23.28	23.15	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.16	23.25	23.12	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.16	23.21	23.09	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.10	23.29	23.19	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.00	23.14	23.09	24.0	0.0
100	PI/2 BPSK	1	137	23.08	23.10	23.06		
100	PI/2 BPSK	1	271	23.06	23.16	23.04		
100	PI/2 BPSK	135	0	22.56	22.55	22.57	23.5	0.5
100	PI/2 BPSK	135	69	23.10	23.12	23.00	24.0	0.0
100	PI/2 BPSK	135	138	22.59	22.72	22.53	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.68	22.52		
100	QPSK	1	1	23.26	23.39	23.28	24.0	0.0
100	QPSK	1	137	23.07	23.18	22.99		
100	QPSK	1	271	23.06	23.20	23.06		
100	QPSK	135	0	22.03	22.22	22.03	23.0	1.0
100	QPSK	135	69	23.10	23.26	23.17	24.0	0.0
100	QPSK	135	138	22.02	22.10	21.95	23.0	1.0
100	QPSK	270	0	22.14	22.23	22.14		
100	16QAM	1	1	21.82	22.00	21.90	23.0	1.0
100	64QAM	1	1	20.35	20.52	20.36	21.5	2.5
100	256QAM	1	1	18.43	18.45	18.37	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.04	23.14	23.06	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	23.21	23.09	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.05	23.13	23.05	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	23.10	23.06	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.02	23.12	23.07	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.04	23.15	23.08	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.00	23.17	23.00	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.09	23.12	23.02	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.99	23.20	23.08	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.04	23.14	22.99	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	23.03	23.15	23.10	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.02	23.10	23.03	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.10	23.15	23.06	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.05	26.11	26.03	27.0	0.0
100	PI/2 BPSK	1	137	26.01	26.21	26.05		
100	PI/2 BPSK	1	271	26.03	26.20	26.01		
100	PI/2 BPSK	135	0	25.54	25.55	25.54	26.5	0.5
100	PI/2 BPSK	135	69	26.11	26.14	26.02	27.0	0.0
100	PI/2 BPSK	135	138	25.55	25.67	25.59	26.5	0.5
100	PI/2 BPSK	270	0	25.54	25.61	25.52		
100	QPSK	1	1	26.21	26.26	26.18	27.0	0.0
100	QPSK	1	137	26.18	26.12	26.06		
100	QPSK	1	271	26.10	26.19	26.05		
100	QPSK	135	0	25.00	25.20	25.03	26.0	1.0
100	QPSK	135	69	26.15	26.25	26.17	27.0	0.0
100	QPSK	135	138	25.00	25.14	25.02	26.0	1.0
100	QPSK	270	0	25.10	25.25	25.14		
100	16QAM	1	1	24.77	24.95	24.92	26.0	1.0
100	64QAM	1	1	23.28	23.49	23.27	24.5	2.5
100	256QAM	1	1	21.38	21.45	21.40	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.08	26.11	26.08	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.07	26.17	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.21	26.06	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.00	26.11	26.01	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.08	26.13	26.01	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.09	26.10	26.08	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.04	26.14	26.08	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.04	26.20	26.06	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.08	26.10	26.10	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.99	26.16	26.06	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	26.03	26.20	26.01	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.00	26.10	25.99	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.10	26.18	25.99	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.00	18.06	17.99	19.6	0.0
40	PI/2 BPSK	1	108	18.05	18.02	18.18		
40	PI/2 BPSK	1	214	18.00	17.92	18.00		
40	PI/2 BPSK	108	0	17.93	18.14	17.92	19.6	0.0
40	PI/2 BPSK	108	54	18.11	18.09	17.96	19.6	0.0
40	PI/2 BPSK	108	108	18.11	18.18	18.01	19.6	0.0
40	PI/2 BPSK	216	0	17.94	18.09	18.07		
40	QPSK	1	1	18.12	18.26	18.06	19.6	0.0
40	QPSK	1	108	18.12	18.10	18.09		
40	QPSK	1	214	18.03	18.11	18.01		
40	QPSK	108	0	18.17	18.05	17.89	19.6	0.0
40	QPSK	108	54	18.07	18.18	18.09	19.6	0.0
40	QPSK	108	108	18.04	18.04	17.96	19.6	0.0
40	QPSK	216	0	17.98	18.07	18.06		
40	16QAM	1	1	18.14	18.09	18.02	19.6	0.0
40	64QAM	1	1	18.14	18.12	18.05	19.6	0.0
40	256QAM	1	1	17.88	18.01	17.86	19.5	0.1
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.07	18.20	17.95	19.6	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.98	18.11	17.96	19.6	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.04	18.13	17.96	0.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.03	18.14	17.97	0.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.00	18.19	18.02	19.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.98	18.19	17.91	19.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.06	18.13	17.99	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.70	18.83	18.70	19.8	0.0
50	PI/2 BPSK	1	135	18.76	18.80	18.64		
50	PI/2 BPSK	1	268	18.69	18.75	18.70		
50	PI/2 BPSK	135	0	18.70	18.82	18.71	19.8	0.0
50	PI/2 BPSK	135	68	18.69	18.82	18.71	19.8	0.0
50	PI/2 BPSK	135	135	18.73	18.84	18.66	19.8	0.0
50	PI/2 BPSK	270	0	18.67	18.83	18.68		
50	QPSK	1	1	18.70	19.03	18.62	19.8	0.0
50	QPSK	1	135	18.72	18.83	18.71		
50	QPSK	1	268	18.69	18.76	18.68		
50	QPSK	135	0	18.68	18.74	18.66	19.8	0.0
50	QPSK	135	68	18.76	18.98	18.70	19.8	0.0
50	QPSK	135	135	18.71	18.84	18.73	19.8	0.0
50	QPSK	270	0	18.75	18.80	18.67		
50	16QAM	1	1	18.67	18.78	18.63	19.8	0.0
50	64QAM	1	1	18.78	18.83	18.70	19.8	0.0
50	256QAM	1	1	18.41	18.52	18.45	19.5	0.3
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.56	18.87	18.54	19.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.61	18.99	18.50	19.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.56	18.99	18.54	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.58	18.95	18.49	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.64	18.94	18.53	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.55	18.93	18.50	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.63	18.96	18.48	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.62	18.87	18.58	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	18.09	18.12	18.14	19.6	0.0
45	PI/2 BPSK	1	120	18.17	18.09	18.23		
45	PI/2 BPSK	1	240	18.12	18.07	18.10		
45	PI/2 BPSK	120	0	18.06	18.22	18.07	19.6	0.0
45	PI/2 BPSK	120	60	18.21	18.15	18.08	19.6	0.0
45	PI/2 BPSK	120	120	18.19	18.24	18.06	19.6	0.0
45	PI/2 BPSK	240	0	18.09	18.13	18.19		
45	QPSK	1	1	18.17	18.39	18.15	19.6	0.0
45	QPSK	1	120	18.16	18.22	18.13		
45	QPSK	1	240	18.17	18.17	18.07		
45	QPSK	120	0	18.23	18.15	18.05	19.6	0.0
45	QPSK	120	60	18.20	18.25	18.22	19.6	0.0
45	QPSK	120	120	18.11	18.12	18.06	19.6	0.0
45	QPSK	240	0	18.13	18.15	18.12		
45	16QAM	1	1	18.22	18.15	18.07	19.6	0.0
45	64QAM	1	1	18.19	18.18	18.13	19.6	0.0
45	256QAM	1	1	17.89	17.93	17.98	19.5	0.1
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	QPSK	1	1	18.09	18.12	18.14	19.6	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	18.10	18.35	18.11	19.6	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.05	18.29	18.06	19.6	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.03	18.34	18.10	19.6	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.08	18.32	18.06	19.6	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.05	18.29	18.03	19.6	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.07	18.30	18.09	19.6	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.03	18.28	18.03	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.06		19.1	0.0
10	PI/2 BPSK	1	26		18.09			
10	PI/2 BPSK	1	50		18.04			
10	PI/2 BPSK	25	0		18.02		19.1	0.0
10	PI/2 BPSK	25	14		18.07		19.1	0.0
10	PI/2 BPSK	25	27		18.03		19.1	0.0
10	PI/2 BPSK	50	0		18.03			
10	QPSK	1	1		18.11		19.1	0.0
10	QPSK	1	26		18.04			
10	QPSK	1	50		18.04			
10	QPSK	25	0		18.10		19.1	0.0
10	QPSK	25	14		18.11		19.1	0.0
10	QPSK	25	27		18.10		19.1	0.0
10	QPSK	50	0		18.10			
10	16QAM	1	1		18.07		19.1	0.0
10	64QAM	1	1		18.04		19.1	0.0
10	256QAM	1	1		17.89		19.0	0.1
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	17.99	17.98	18.01	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	17.43	17.41	17.41	18.6	0.0
45	PI/2 BPSK	1	120	17.39	17.42	17.39		
45	PI/2 BPSK	1	240	17.41	17.40	17.38		
45	PI/2 BPSK	120	0	17.36	17.40	17.42	18.6	0.0
45	PI/2 BPSK	120	60	17.39	17.41	17.36	18.6	0.0
45	PI/2 BPSK	120	120	17.36	17.40	17.35	18.6	0.0
45	PI/2 BPSK	240	0	17.43	17.45	17.35		
45	QPSK	1	1	17.42	17.48	17.33	18.6	0.0
45	QPSK	1	120	17.38	17.42	17.38		
45	QPSK	1	240	17.42	17.43	17.35		
45	QPSK	120	0	17.40	17.42	17.37	18.6	0.0
45	QPSK	120	60	17.35	17.46	17.32	18.6	0.0
45	QPSK	120	120	17.44	17.45	17.33	18.6	0.0
45	QPSK	240	0	17.40	17.41	17.38		
45	16QAM	1	1	17.40	17.46	17.38	18.6	0.0
45	64QAM	1	1	17.46	17.40	17.35	18.6	0.0
45	256QAM	1	1	17.36	17.47	17.42	18.6	0.0
Channel				348000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.29	17.36	17.24	18.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.26	17.41	17.20	18.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.32	17.43	17.19	18.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.32	17.41	17.19	18.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.38	17.40	17.19	18.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.30	17.37	17.29	18.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.29	17.40	17.23	18.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.38	17.34	17.26	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		18.44		19.5	0.0
15	PI/2 BPSK	1	40		18.37			
15	PI/2 BPSK	1	77		18.37			
15	PI/2 BPSK	36	0		18.45		19.5	0.0
15	PI/2 BPSK	36	22		18.47		19.5	0.0
15	PI/2 BPSK	36	43		18.40		19.5	0.0
15	PI/2 BPSK	75	0		18.38			
15	QPSK	1	1		18.48		19.5	0.0
15	QPSK	1	40		18.46			
15	QPSK	1	77		18.43			
15	QPSK	36	0		18.45		19.5	0.0
15	QPSK	36	22		18.46		19.5	0.0
15	QPSK	36	43		18.40		19.5	0.0
15	QPSK	75	0		18.43			
15	16QAM	1	1		18.45		19.5	0.0
15	64QAM	1	1		18.40		19.5	0.0
	256QAM	1	1		18.43		19.5	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	18.40	18.37	18.31	19.5	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	18.33	18.34	18.36	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.84	18.79	18.70	19.9	0.0
40	PI/2 BPSK	1	53	18.74	18.87	18.80		
40	PI/2 BPSK	1	104	18.89	18.80	18.79		
40	PI/2 BPSK	50	0	18.77	18.90	18.71	19.9	0.0
40	PI/2 BPSK	50	28	18.79	18.92	18.71	19.9	0.0
40	PI/2 BPSK	50	56	18.74	18.92	18.75	19.9	0.0
40	PI/2 BPSK	100	0	18.84	18.81	18.68		
40	QPSK	1	1	18.89	18.96	18.83	19.9	0.0
40	QPSK	1	53	18.76	18.88	18.67		
40	QPSK	1	104	18.80	18.83	18.83		
40	QPSK	50	0	18.88	18.93	18.75	19.9	0.0
40	QPSK	50	28	18.86	18.96	18.72	19.9	0.0
40	QPSK	50	56	18.79	18.81	18.84	19.9	0.0
40	QPSK	100	0	18.83	18.93	18.80		
40	16QAM	1	1	18.85	18.88	18.68	19.9	0.0
40	64QAM	1	1	18.86	18.77	18.74	19.9	0.0
40	256QAM	1	1	18.34	18.39	18.41	19.5	0.4
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.76	18.81	18.74	19.9	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.83	18.89	18.72	19.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.74	18.89	18.70	19.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.80	18.92	18.75	19.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.84	18.82	18.75	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.92	18.90	18.85	19.9	0.0
100	PI/2 BPSK	1	137	18.86	18.92	18.85		
100	PI/2 BPSK	1	271	18.95	18.93	18.88		
100	PI/2 BPSK	135	0	18.88	18.97	18.84	19.9	0.0
100	PI/2 BPSK	135	69	18.89	19.00	18.83	19.9	0.0
100	PI/2 BPSK	135	138	18.89	19.00	18.80	19.9	0.0
100	PI/2 BPSK	270	0	18.88	18.94	18.79		
100	QPSK	1	1	18.95	19.08	18.90	19.9	0.0
100	QPSK	1	137	18.92	18.94	18.80		
100	QPSK	1	271	18.86	18.97	18.90		
100	QPSK	135	0	18.96	18.97	18.89	19.9	0.0
100	QPSK	135	69	18.97	19.00	18.80	19.9	0.0
100	QPSK	135	138	18.91	18.90	18.89	19.9	0.0
100	QPSK	270	0	18.91	19.00	18.84		
100	16QAM	1	1	18.89	18.96	18.79	19.9	0.0
100	64QAM	1	1	18.92	18.90	18.82	19.9	0.0
100	256QAM	1	1	18.35	18.51	18.45	19.5	0.4
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.82	19.02	18.80	19.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.81	19.01	18.82	19.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.87	18.98	18.76	19.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.83	18.97	18.82	19.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.79	19.01	18.80	19.9	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.91	18.96	18.79	19.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.85	18.93	18.85	19.9	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.88	19.01	18.77	19.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.87	18.93	18.84	19.9	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.85	19.02	18.78	19.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.89	18.96	18.75	19.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.85	19.03	18.81	19.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.84	19.00	18.77	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.55	21.70	21.64	22.9	0.0
100	PI/2 BPSK	1	137	21.62	21.69	21.62		
100	PI/2 BPSK	1	271	21.62	21.60	21.55		
100	PI/2 BPSK	135	0	21.62	21.68	21.64	22.9	0.0
100	PI/2 BPSK	135	69	21.60	21.61	21.61	22.9	0.0
100	PI/2 BPSK	135	138	21.61	21.71	21.54	22.9	0.0
100	PI/2 BPSK	270	0	21.58	21.63	21.60		
100	QPSK	1	1	21.62	21.88	21.59	22.9	0.0
100	QPSK	1	137	21.57	21.62	21.61		
100	QPSK	1	271	21.60	21.67	21.60		
100	QPSK	135	0	21.60	21.67	21.62	22.9	0.0
100	QPSK	135	69	21.57	21.69	21.61	22.9	0.0
100	QPSK	135	138	21.65	21.65	21.64	22.9	0.0
100	QPSK	270	0	21.59	21.67	21.59		
100	16QAM	1	1	21.58	21.61	21.62	22.9	0.0
100	64QAM	1	1	21.67	21.61	21.64	22.9	0.0
100	256QAM	1	1	21.22	21.21	21.20	22.5	0.4
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.52	21.80	21.53	22.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.49	21.82	21.52	22.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.58	21.82	21.49	22.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.50	21.79	21.48	22.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.49	21.83	21.45	22.9	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.47	21.74	21.50	22.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.54	21.78	21.55	22.9	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.51	21.73	21.43	22.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.48	21.75	21.44	22.9	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.50	21.72	21.45	22.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.50	21.78	21.46	22.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.48	21.74	21.47	22.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.57	21.77	21.50	22.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.20	19.31	19.23	20.4	0.0
40	PI/2 BPSK	1	108	19.27	19.39	19.34		
40	PI/2 BPSK	1	214	19.28	19.29	19.28		
40	PI/2 BPSK	108	0	19.22	19.27	19.32	20.4	0.0
40	PI/2 BPSK	108	54	19.20	19.30	19.29	20.4	0.0
40	PI/2 BPSK	108	108	19.29	19.32	19.32	20.4	0.0
40	PI/2 BPSK	216	0	19.24	19.30	19.33		
40	QPSK	1	1	19.29	19.41	19.25	20.4	0.0
40	QPSK	1	108	19.20	19.39	19.29		
40	QPSK	1	214	19.21	19.38	19.23		
40	QPSK	108	0	19.24	19.39	19.28	20.4	0.0
40	QPSK	108	54	19.26	19.36	19.28	20.4	0.0
40	QPSK	108	108	19.22	19.38	19.32	20.4	0.0
40	QPSK	216	0	19.28	19.31	19.28		
40	16QAM	1	1	19.27	19.38	19.33	20.4	0.0
40	64QAM	1	1	19.25	19.33	19.30	20.4	0.0
40	256QAM	1	1	18.33	18.39	18.34	19.5	0.9
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.13	19.39	19.19	20.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.23	19.37	19.13	20.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.17	19.32	19.10	0.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.19	19.35	19.12	0.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.21	19.32	19.13	20.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.17	19.32	19.15	20.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.21	19.28	19.19	20.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.74	17.78	17.70	18.9	0.0
50	PI/2 BPSK	1	135	17.78	17.81	17.72		
50	PI/2 BPSK	1	268	17.79	17.78	17.74		
50	PI/2 BPSK	135	0	17.73	17.85	17.73	18.9	0.0
50	PI/2 BPSK	135	68	17.79	17.75	17.78	18.9	0.0
50	PI/2 BPSK	135	135	17.77	17.81	17.77	18.9	0.0
50	PI/2 BPSK	270	0	17.76	17.84	17.75		
50	QPSK	1	1	17.80	17.89	17.75	18.9	0.0
50	QPSK	1	135	17.80	17.78	17.68		
50	QPSK	1	268	17.73	17.82	17.75		
50	QPSK	135	0	17.80	17.76	17.75	18.9	0.0
50	QPSK	135	68	17.72	17.86	17.77	18.9	0.0
50	QPSK	135	135	17.81	17.85	17.71	18.9	0.0
50	QPSK	270	0	17.73	17.80	17.74		
50	16QAM	1	1	17.74	17.81	17.75	18.9	0.0
50	64QAM	1	1	17.78	17.77	17.76	18.9	0.0
50	256QAM	1	1	17.83	17.77	17.68	18.9	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.66	17.82	17.63	18.9	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.76	17.84	17.64	18.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.70	17.83	17.61	18.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.70	17.78	17.65	18.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.74	17.81	17.68	18.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.66	17.78	17.59	18.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.72	17.81	17.68	18.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.68	17.77	17.62	18.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	378500		
Frequency (MHz)				1872.5	1882.5	1892.5		
45	PI/2 BPSK	1	1	19.24	19.36	19.29	20.4	0.0
45	PI/2 BPSK	1	120	19.31	19.40	19.38		
45	PI/2 BPSK	1	240	19.35	19.32	19.33		
45	PI/2 BPSK	120	0	19.28	19.34	19.39	20.4	0.0
45	PI/2 BPSK	120	60	19.27	19.35	19.35	20.4	0.0
45	PI/2 BPSK	120	120	19.37	19.34	19.36	20.4	0.0
45	PI/2 BPSK	240	0	19.26	19.36	19.36		
45	QPSK	1	1	19.33	19.44	19.29	20.4	0.0
45	QPSK	1	120	19.24	19.42	19.31		
45	QPSK	1	240	19.24	19.40	19.26		
45	QPSK	120	0	19.26	19.40	19.31	20.4	0.0
45	QPSK	120	60	19.31	19.41	19.31	20.4	0.0
45	QPSK	120	120	19.27	19.40	19.40	20.4	0.0
45	QPSK	240	0	19.33	19.35	19.32		
45	16QAM	1	1	19.34	19.42	19.39	20.4	0.0
45	64QAM	1	1	19.31	19.40	19.36	20.4	0.0
45	256QAM	1	1	18.33	18.39	18.33	19.5	0.9
Channel				374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
35	QPSK	1	1	19.24	19.36	19.29	20.4	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.23	19.39	19.18	20.4	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.26	19.36	19.19	20.4	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.18	19.36	19.15	20.4	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.19	19.29	19.18	20.4	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.24	19.32	19.18	20.4	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.20	19.31	19.20	20.4	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.26	19.28	19.24	20.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.49	18.53	18.47	20.0	0.0
45	PI/2 BPSK	1	120	18.47	18.58	18.47		
45	PI/2 BPSK	1	240	18.43	18.60	18.52		
45	PI/2 BPSK	120	0	18.46	18.58	18.51	20.0	0.0
45	PI/2 BPSK	120	60	18.44	18.59	18.50	20.0	0.0
45	PI/2 BPSK	120	120	18.45	18.56	18.51	20.0	0.0
45	PI/2 BPSK	240	0	18.43	18.56	18.53		
45	QPSK	1	1	18.42	18.79	18.54	20.0	0.0
45	QPSK	1	120	18.41	18.54	18.48		
45	QPSK	1	240	18.39	18.52	18.45		
45	QPSK	120	0	18.49	18.58	18.45	20.0	0.0
45	QPSK	120	60	18.39	18.61	18.46	20.0	0.0
45	QPSK	120	120	18.41	18.50	18.44	20.0	0.0
45	QPSK	240	0	18.42	18.60	18.49		
45	16QAM	1	1	18.38	18.56	18.55	20.0	0.0
45	64QAM	1	1	18.47	18.54	18.47	20.0	0.0
45	256QAM	1	1	17.91	18.31	18.03	19.5	0.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.31	18.65	18.46	20.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.28	18.66	18.45	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.29	18.74	18.41	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.35	18.63	18.41	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.36	18.68	18.50	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.29	18.74	18.45	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.28	18.73	18.44	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.27	18.68	18.45	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		20.27		21.7	0.0
15	PI/2 BPSK	1	40		20.27			
15	PI/2 BPSK	1	77		20.35			
15	PI/2 BPSK	36	0		20.30		21.7	0.0
15	PI/2 BPSK	36	22		20.33		21.7	0.0
15	PI/2 BPSK	36	43		20.33		21.7	0.0
15	PI/2 BPSK	75	0		20.30			
15	QPSK	1	1		20.48		21.7	0.0
15	QPSK	1	40		20.37			
15	QPSK	1	77		20.29			
15	QPSK	36	0		20.30		21.7	0.0
15	QPSK	36	22		20.38		21.7	0.0
15	QPSK	36	43		20.36		21.7	0.0
15	QPSK	75	0		20.37			
15	16QAM	1	1		20.31		21.7	0.0
15	64QAM	1	1		20.11		21.5	0.2
	256QAM	1	1		18.01		19.5	2.2
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	20.35	20.43	20.44	21.7	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	20.41	20.41	20.38	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.97	17.99	17.86	19.3	0.0
40	PI/2 BPSK	1	53	17.89	17.89	17.82		
40	PI/2 BPSK	1	104	18.01	17.94	17.85		
40	PI/2 BPSK	50	0	17.94	18.01	17.95	19.3	0.0
40	PI/2 BPSK	50	28	17.92	17.90	17.80	19.3	0.0
40	PI/2 BPSK	50	56	17.95	17.99	17.85	19.3	0.0
40	PI/2 BPSK	100	0	17.91	18.00	17.78		
40	QPSK	1	1	17.97	18.05	17.94	19.3	0.0
40	QPSK	1	53	18.01	18.03	17.78		
40	QPSK	1	104	17.87	18.01	17.78		
40	QPSK	50	0	17.92	17.88	17.87	19.3	0.0
40	QPSK	50	28	17.94	18.02	17.77	19.3	0.0
40	QPSK	50	56	17.97	17.85	17.90	19.3	0.0
40	QPSK	100	0	17.91	17.94	17.81		
40	16QAM	1	1	17.90	17.98	17.81	19.3	0.0
40	64QAM	1	1	17.95	17.89	17.86	19.3	0.0
40	256QAM	1	1	17.97	17.96	17.87	19.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.83	17.94	17.81	19.3	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.85	17.89	17.80	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.90	17.91	17.89	19.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.88	17.90	17.80	19.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.92	17.89	17.85	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.09	18.05	17.94	19.3	0.0
100	PI/2 BPSK	1	137	18.00	18.04	17.90		
100	PI/2 BPSK	1	271	18.10	18.07	17.93		
100	PI/2 BPSK	135	0	18.00	18.10	18.00	19.3	0.0
100	PI/2 BPSK	135	69	18.04	18.02	17.90	19.3	0.0
100	PI/2 BPSK	135	138	18.02	18.10	17.98	19.3	0.0
100	PI/2 BPSK	270	0	18.03	18.08	17.93		
100	QPSK	1	1	18.05	18.11	17.99	19.3	0.0
100	QPSK	1	137	18.10	18.08	17.89		
100	QPSK	1	271	18.00	18.10	17.93		
100	QPSK	135	0	18.02	18.03	18.00	19.3	0.0
100	QPSK	135	69	18.02	18.09	17.90	19.3	0.0
100	QPSK	135	138	18.05	18.00	17.95	19.3	0.0
100	QPSK	270	0	18.03	18.05	17.93		
100	16QAM	1	1	18.02	18.04	17.96	19.3	0.0
100	64QAM	1	1	18.00	18.04	17.97	19.3	0.0
100	256QAM	1	1	18.04	18.03	17.97	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.91	18.01	17.90	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.97	18.03	17.88	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.94	17.98	17.93	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.01	18.01	17.85	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.95	18.04	17.93	19.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.00	18.06	17.92	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.95	17.99	17.92	19.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.94	17.98	17.93	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.01	18.02	17.93	19.3	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.90	18.01	17.95	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	18.00	18.04	17.94	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.91	17.99	17.86	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.93	17.97	17.84	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.09	21.03	20.93	22.3	0.0
100	PI/2 BPSK	1	137	21.02	20.98	20.94		
100	PI/2 BPSK	1	271	21.08	21.04	20.92		
100	PI/2 BPSK	135	0	20.98	21.11	21.00	22.3	0.0
100	PI/2 BPSK	135	69	21.09	21.03	20.84	22.3	0.0
100	PI/2 BPSK	135	138	21.07	21.05	21.02	22.3	0.0
100	PI/2 BPSK	270	0	20.99	21.07	20.92		
100	QPSK	1	1	21.06	21.15	20.94	22.3	0.0
100	QPSK	1	137	21.14	21.03	20.86		
100	QPSK	1	271	21.04	21.11	20.93		
100	QPSK	135	0	20.99	21.06	20.95	22.3	0.0
100	QPSK	135	69	21.07	21.09	20.86	22.3	0.0
100	QPSK	135	138	21.01	21.02	20.92	22.3	0.0
100	QPSK	270	0	21.01	21.09	20.91		
100	16QAM	1	1	20.99	21.08	20.95	22.3	0.0
100	64QAM	1	1	20.98	21.10	20.98	22.3	0.0
100	256QAM	1	1	21.06	21.03	20.96	22.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.98	21.06	20.82	22.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.97	21.00	20.88	22.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.93	21.06	20.80	22.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.96	21.03	20.81	22.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.97	21.02	20.89	22.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.99	21.04	20.84	22.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.94	21.09	20.88	22.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.93	21.03	20.84	22.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.94	21.00	20.86	22.3	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.95	21.09	20.81	22.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	20.92	21.02	20.81	22.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.95	21.06	20.80	22.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.01	21.02	20.85	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.44	18.52	18.48	20.0	0.0
40	PI/2 BPSK	1	53	18.46	18.44	18.47		
40	PI/2 BPSK	1	104	18.41	18.52	18.52		
40	PI/2 BPSK	50	0	18.42	18.54	18.45	20.0	0.0
40	PI/2 BPSK	50	28	18.44	18.50	18.48	20.0	0.0
40	PI/2 BPSK	50	56	18.44	18.48	18.51	20.0	0.0
40	PI/2 BPSK	100	0	18.39	18.45	18.51		
40	QPSK	1	1	18.36	18.66	18.48	20.0	0.0
40	QPSK	1	53	18.41	18.51	18.51		
40	QPSK	1	104	18.44	18.49	18.42		
40	QPSK	50	0	18.48	18.51	18.51	20.0	0.0
40	QPSK	50	28	18.44	18.58	18.42	20.0	0.0
40	QPSK	50	56	18.44	18.56	18.47	20.0	0.0
40	QPSK	100	0	18.39	18.54	18.50		
40	16QAM	1	1	18.43	18.46	18.47	20.0	0.0
40	64QAM	1	1	18.38	18.44	18.44	20.0	0.0
40	256QAM	1	1	18.38	18.51	18.44	20.0	0.0
Channel				637668	641666	645266	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.27	18.57	18.37	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.22	18.60	18.40	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.27	18.58	18.36	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.30	18.57	18.38	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.72	18.00	17.78	18.8	0.0
100	PI/2 BPSK	1	137	17.72	17.99	17.80		
100	PI/2 BPSK	1	271	17.79	18.03	17.74		
100	PI/2 BPSK	135	0	17.73	18.03	17.73	18.8	0.0
100	PI/2 BPSK	135	69	17.73	17.93	17.76	18.8	0.0
100	PI/2 BPSK	135	138	17.76	18.01	17.79	18.8	0.0
100	PI/2 BPSK	270	0	17.83	17.98	17.73		
100	QPSK	1	1	17.75	18.10	17.72	18.8	0.0
100	QPSK	1	137	17.79	18.03	17.76		
100	QPSK	1	271	17.76	17.92	17.75		
100	QPSK	135	0	17.77	17.90	17.76	18.8	0.0
100	QPSK	135	69	17.80	17.95	17.71	18.8	0.0
100	QPSK	135	138	17.80	17.93	17.80	18.8	0.0
100	QPSK	270	0	17.72	17.96	17.79		
100	16QAM	1	1	17.79	17.96	17.74	18.8	0.0
100	64QAM	1	1	17.74	17.98	17.76	18.8	0.0
100	256QAM	1	1	17.74	18.02	17.72	18.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.68	18.04	17.60	18.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.62	18.06	17.60	18.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.61	18.01	17.58	18.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.62	18.04	17.64	18.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.61	17.99	17.62	18.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.64	18.00	17.58	18.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.70	17.95	17.65	18.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.61	17.99	17.67	18.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.67	18.06	17.63	18.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.66	18.03	17.67	18.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.63	18.03	17.65	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.59	20.85	20.71	21.8	0.0
100	PI/2 BPSK	1	137	20.67	20.91	20.75		
100	PI/2 BPSK	1	271	20.66	20.92	20.69		
100	PI/2 BPSK	135	0	20.65	20.87	20.57	21.8	0.0
100	PI/2 BPSK	135	69	20.62	20.78	20.62	21.8	0.0
100	PI/2 BPSK	135	138	20.60	20.95	20.75	21.8	0.0
100	PI/2 BPSK	270	0	20.68	20.92	20.61		
100	QPSK	1	1	20.68	21.05	20.62	21.8	0.0
100	QPSK	1	137	20.70	20.93	20.62		
100	QPSK	1	271	20.64	20.78	20.70		
100	QPSK	135	0	20.66	20.76	20.66	21.8	0.0
100	QPSK	135	69	20.70	20.84	20.63	21.8	0.0
100	QPSK	135	138	20.72	20.81	20.70	21.8	0.0
100	QPSK	270	0	20.60	20.83	20.72		
100	16QAM	1	1	20.72	20.86	20.58	21.8	0.0
100	64QAM	1	1	20.63	20.88	20.64	21.8	0.0
100	256QAM	1	1	20.66	20.89	20.60	21.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.54	20.97	20.51	21.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.63	21.00	20.55	21.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.58	20.94	20.53	21.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.52	20.91	20.55	21.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.53	20.92	20.54	21.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.54	20.96	20.55	21.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.63	20.99	20.56	21.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.53	20.93	20.57	21.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.57	20.95	20.48	21.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.56	20.99	20.51	21.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.54	20.93	20.47	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.79		18.8	0.0
100	PI/2 BPSK	1	137		17.82			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.82		18.8	0.0
100	PI/2 BPSK	135	69		17.69		18.8	0.0
100	PI/2 BPSK	135	138		17.80		18.8	0.0
100	PI/2 BPSK	270	0		17.76			
100	QPSK	1	1		18.08		18.8	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.72			
100	QPSK	135	0		17.70		18.8	0.0
100	QPSK	135	69		17.72		18.8	0.0
100	QPSK	135	138		17.71		18.8	0.0
100	QPSK	270	0		17.78			
100	16QAM	1	1		17.76		18.8	0.0
100	64QAM	1	1		17.82		18.8	0.0
100	256QAM	1	1		17.77		18.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.86	17.86	17.84	18.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.89	17.86	17.85	18.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.91	17.93	17.93	18.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.86	17.82	17.90	18.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.83	17.88	17.86	18.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.87	17.85	17.90	18.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.84	17.84	18.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.85	17.93	17.93	18.8	0.0
Channel				630968	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.92	17.91	17.83	18.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.91	17.84	17.89	18.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.85	17.89	17.86	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.68		21.8	0.0
100	PI/2 BPSK	1	137		20.68			
100	PI/2 BPSK	1	271		20.75			
100	PI/2 BPSK	135	0		20.69		21.8	0.0
100	PI/2 BPSK	135	69		20.63		21.8	0.0
100	PI/2 BPSK	135	138		20.78		21.8	0.0
100	PI/2 BPSK	270	0		20.70			
100	QPSK	1	1		21.05		21.8	0.0
100	QPSK	1	137		20.77			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.57		21.8	0.0
100	QPSK	135	69		20.65		21.8	0.0
100	QPSK	135	138		20.58		21.8	0.0
100	QPSK	270	0		20.60			
100	16QAM	1	1		20.59		21.8	0.0
100	64QAM	1	1		20.58		21.8	0.0
100	256QAM	1	1		20.51		21.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.85	20.89	20.90	21.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.82	20.83	20.82	21.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.82	20.88	20.85	21.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.81	20.90	20.90	21.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.82	20.81	20.87	21.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.85	20.91	20.86	21.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.89	20.79	20.85	21.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.91	20.86	20.87	21.8	0.0
Channel				630968	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.87	20.84	20.84	21.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.82	20.82	20.82	21.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.88	20.83	20.84	21.8	0.0