Full & Default Power

GSM850 Ant0	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	31.87	31.95	31.92	33.50	22.87	22.95	22.92	24.50
GPRS 1 Tx slot	31.77	31.86	31.74	33.50	22.77	22.86	22.74	24.50
GPRS 2 Tx slots	28.85	28.88	28.81	29.50	22.85	22.88	22.81	23.50
GPRS 3 Tx slots	27.13	27.17	27.04	28.00	22.87	22.91	22.78	23.74
GPRS 4 Tx slots	25.88	25.94	25.88	27.50	22.88	22.94	22.88	24.50
EDGE 1 Tx slot	26.34	26.40	26.26	27.50	17.34	17.40	17.26	18.50
EDGE 2 Tx slots	25.11	25.22	25.17	26.00	19.11	19.22	19.17	20.00
EDGE 3 Tx slots	23.03	23.07	23.03	24.00	18.77	18.81	18.77	19.74
EDGE 4 Tx slots	21.78	21.85	21.71	23.00	18.78	18.85	18.71	20.00

GSM1900 Ant0	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	28.51	28.55	28.49	29.50	19.51	19.55	19.49	20.50
GPRS 1 Tx slot	28.40	28.50	28.42	29.50	19.40	19.50	19.42	20.50
GPRS 2 Tx slots	25.40	25.52	25.40	26.50	19.40	19.52	19.40	20.50
GPRS 3 Tx slots	23.67	23.78	23.72	25.00	19.41	19.52	19.46	20.74
GPRS 4 Tx slots	22.68	22.71	22.60	24.00	19.68	19.71	19.60	21.00
EDGE 1 Tx slot	24.46	24.60	24.52	25.50	15.46	15.60	15.52	16.50
EDGE 2 Tx slots	23.22	23.26	23.14	24.00	17.22	17.26	17.14	18.00
EDGE 3 Tx slots	20.70	20.81	20.78	22.00	16.44	16.55	16.52	17.74
EDGE 4 Tx slots	19.00	19.06	18.99	20.00	16.00	16.06	15.99	17.00

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			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	20.81	20.99	20.97	22.00	20.95	20.96	20.84	22.00	22.19	22.27	22.11	23.00
3GPP Rel 99	RMC 12.2Kbps	20.88	21.00	20.98	22.00	20.97	20.99	20.86	22.00	22.21	22.28	22.12	23.00
3GPP Rel 6	HSDPA Subtest-1	19.95	20.12	19.73	21.00	19.85	19.80	19.90	21.00	21.24	21.28	21.21	22.00
3GPP Rel 6	HSDPA Subtest-2	19.67	20.11	19.70	21.00	19.75	19.81	19.94	21.00	21.15	21.20	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	19.48	19.34	19.21	20.50	19.46	19.53	19.48	20.50	20.81	20.85	20.72	21.50
3GPP Rel 6	HSDPA Subtest-4	19.43	19.42	19.30	20.50	19.60	19.35	19.50	20.50	20.80	20.73	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.87	20.12	19.69	21.00	19.63	19.97	19.72	21.00	21.31	21.25	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.68	20.14	20.04	21.00	19.86	20.10	19.92	21.00	21.25	21.34	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.16	19.55	19.28	20.50	19.26	19.56	19.43	20.50	20.75	20.75	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.49	19.38	19.33	20.50	19.58	19.45	19.23	20.50	20.83	20.71	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	19.93	20.10	19.91	21.00	20.07	20.09	19.71	21.00	21.34	21.37	21.00	22.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.92	17.97	19.00	18.11	17.71	17.96	19.00	19.12	19.30	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	19.00	18.72	18.76	20.00	18.92	18.92	18.89	20.00	20.13	20.39	20.01	21.00
3GPP Rel 6	HSUPA Subtest-4	18.00	17.86	17.64	19.00	17.74	18.09	17.98	19.00	19.26	19.38	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	19.89	19.70	20.02	21.00	20.11	19.71	19.63	21.00	21.32	21.28	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.44	17.47	17.57	18.50	17.46	17.17	17.03	18.50	18.64	18.86	18.75	19.50

Band 2 Ant0

BW [MHz]	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	21.18	21.24	21.21	22.5	0
20	QPSK	1	49	21.15	21.14	21.17		
20	QPSK	1	99	21.15	21.09	21.11		
20	QPSK	50	0	20.34	20.39	20.17		
20	QPSK	50	24	20.16	20.25	20.16	21.5	1
20	QPSK	50	50	20.20	20.19	20.29		
20	QPSK	100	0	20.35	20.37	19.39		
20	16QAM	1	0	20.19	20.26	20.38		
20	16QAM	1	49	20.11	20.39	20.12	21.5	1
20	16QAM	1	99	20.17	20.20	20.13		
20	16QAM	50	0	19.23	19.36	19.45		
20	16QAM	50	24	19.48	19.39	19.39	20.5	2
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.39	19.33		
20	64QAM	1	49	19.29	19.44	19.38	20.5	2
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33		
20	64QAM	50	24	18.47	18.35	18.51	19.5	3
20	64QAM	50	50	18.26	18.35	18.35		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26		
20	256QAM	1	49	16.37	16.39	16.25	17.5	5
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24		
20	256QAM	50	24	16.21	16.26	16.19	17.5	5
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.10	21.11	21.15	22.5	0
15	QPSK	1	37	21.06	21.05	21.08		
15	QPSK	1	74	21.10	20.93	20.99		
15	QPSK	36	0	20.29	20.27	20.10		
15	QPSK	36	20	20.11	20.17	20.04	21.5	1
15	QPSK	36	39	20.09	20.05	20.25		
15	QPSK	75	0	20.22	20.26	20.22		
15	16QAM	1	0	20.16	20.23	20.29		
15	16QAM	1	37	20.00	20.31	20.03	21.5	1
15	16QAM	1	74	20.11	20.14	20.01		
15	16QAM	36	0	19.12	19.31	19.35		
15	16QAM	36	20	19.37	19.33	19.27	20.5	2
15	16QAM	36	39	19.29	19.32	19.23		
15	16QAM	75	0	19.37	19.30	19.32		
15	64QAM	1	0	19.42	19.27	19.27		
15	64QAM	1	37	19.17	19.38	19.27	20.5	2
15	64QAM	1	74	19.36	19.32	19.25		
15	64QAM	36	0	18.37	18.29	18.24		
15	64QAM	36	20	18.39	18.32	18.32	19.5	3
15	64QAM	36	39	18.20	18.31	18.32		
15	64QAM	75	0	18.27	18.25	18.09		
15	256QAM	1	0	16.13	16.26	16.15		
15	256QAM	1	37	16.27	16.34	16.17	17.5	5
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16		
15	256QAM	36	20	16.15	16.20	16.11	17.5	5
15	256QAM	36	39	16.18	16.35	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.14	21.16	21.17	22.5	0
10	QPSK	1	25	21.04	21.08	21.05		
10	QPSK	1	49	21.11	20.94	21.05		
10	QPSK	25	0	20.27	20.29	20.05		
10	QPSK	25	12	20.04	20.18	20.04	21.5	1
10	QPSK	25	25	20.08	20.13	20.06		
10	QPSK	50	0	20.27	20.34	20.21		
10	16QAM	1	0	20.15	20.21	20.31		
10	16QAM	1	25	19.99	20.34	20.04	21.5	1
10	16QAM	1	49	20.08	20.16	20.04		
10	16QAM	25	0	19.17	19.28	19.38		
10	16QAM	25	12	19.43	19.28	19.35	20.5	2
10	16QAM	25	25	19.35	19.29	19.24		
10	16QAM	50	0	19.36	19.26	19.27		
10	64QAM	1	0	19.40	19.30	19.27		
10	64QAM	1	25	19.19	19.35	19.33	20.5	2
10	64QAM	1	49	19.36	19.27	19.18		
10	64QAM	25	0	18.32	18.31	18.23		
10	64QAM	25	12	18.42	18.24	18.40	19.5	3
10	64QAM	25	25	18.14	18.24	18.30		
10	64QAM	50	0	18.22	18.28	18.06		
10	256QAM	1	0	16.13	16.24	16.15		
10	256QAM	1	25	16.25	16.33	16.13	17.5	5
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18		
10	256QAM	25	12	16.15	16.18	16.09	17.5	5
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.15	21.08	22.5	0
5	QPSK	1	12	21.08	21.01	21.09		
5	QPSK	1	24	21.10	20.94	21.07		
5	QPSK	12	0	20.29	20.34	20.04		
5	QPSK	12	7	20.10	20.14	20.07	21.5	1
5	QPSK	12	13	20.07	20.07	20.25		
5	QPSK	25	0	20.22	20.32	20.19		
5	16QAM	1	0	20.09	20.22	20.31		
5	16QAM	1	12	20.01	20.29	20.03	21.5	1
5	16QAM	1	24	20.12	20.15	20.01		
5	16QAM	12	0	19.15	19.32	19.42		
5	16QAM	12	7	19.36	19.32	19.30	20.5	2
5	16QAM	12	13	19.33	19.28	19.32		
5	16QAM	25	0	19.32	19.27	19.33		
5	64QAM	1	0	19.44	19.27	19.22		
5	64QAM	1	12	19.24	19.37	19.33	20.5	2
5	64QAM	1	24	19.37	19.26	19.26		
5	64QAM	12	0	18.38	18.27	18.21		
5	64QAM	12	7	18.35	18.26	18.41	19.5	3
5	64QAM	12	13	18.19	18.31	18.23		
5	64QAM	25	0	18.28	18.25	18.09		
5	256QAM	1	0	16.10	16.33	16.15		
5	256QAM	1	12	16.27	16.34	16.14	17.5	5
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.35	16.26	16.18		
5	256QAM	12	7	16.13	16.15	16.11	17.5	5
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.20	21.14	22.5	0
3	QPSK	1	8	21.10	21.10	21.05		
3	QPSK	1	14	21.07	20.95	21.04		
3	QPSK	8	0	20.28	20.31	20.06	21.5	1
3	QPSK	8	4	20.06	20.21	20.08		
3	QPSK	8	7	20.11	20.15	20.20		
3	QPSK	15	0	20.27	20.24	20.25		
3	16QAM	1	0	20.07	20.16	20.35		
3	16QAM	1	8	20.01	20.33	20.03	21.5	1
3	16QAM	1	14	20.04	20.14	20.03		
3	16QAM	8	0	19.11	19.28	19.34		
3	16QAM	8	4	19.39	19.34	19.27	20.5	2
3	16QAM	8	7	19.28	19.33	19.27		
3	16QAM	15	0	19.31	19.28	19.29		
3	64QAM	1	0	19.35	19.30	19.29		
3	64QAM	1	8	19.24	19.38	19.32	20.5	2
3	64QAM	1	14	19.30	19.28	19.19		
3	64QAM	8	0	18.33	18.26	18.30		
3	64QAM	8	4	18.41	18.29	18.45	19.5	3
3	64QAM	8	7	18.19	18.26	18.30		
3	64QAM	15	0	18.24	18.26	18.04		
3	256QAM	1	0	16.17	16.31	16.17		
3	256QAM	1	8	16.27	16.31	16.14	17.5	5
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20		
3	256QAM	8	4	16.12	16.22	16.16	17.5	5
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.30	16.16	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.10	21.20	21.13	22.5	0
1.4	QPSK	1	3	21.11	21.03	21.07		
1.4	QPSK	1	5	21.02	20.98	21.03		
1.4	QPSK	3	0	21.02	21.12	21.02		
1.4	QPSK	3	1	21.00	20.97	20.95		
1.4	QPSK	3	3	20.98	20.87	20.95		
1.4	QPSK	6	0	20.25	20.32	20.21	21.5	1
1.4	16QAM	1	0	20.10	20.22	20.27		
1.4	16QAM	1	3	19.99	20.35	20.02		
1.4	16QAM	1	5	20.09	20.16	20.01	21.5	1
1.4	16QAM	3	0	21.06	21.08	20.98		
1.4	16QAM	3	1	20.96	20.91	20.94		
1.4	16QAM	3	3	20.93	20.86	20.86		
1.4	16QAM	6	0	19.33	19.29	19.29	20.5	2
1.4	64QAM	1	0	19.43	19.31	19.27		
1.4	64QAM	1	3	19.16	19.37	19.34		
1.4	64QAM	1	5	19.28	19.26	19.24	20.5	2
1.4	64QAM	3	0	19.35	19.19	19.18		
1.4	64QAM	3	1	19.12	19.32	19.24		
1.4	64QAM	3	3	19.16	19.18	19.16		
1.4	64QAM	6	0	18.23	18.19	18.10	19.5	3
1.4	256QAM	1	0	16.11	16.24	16.20		
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29	17.5	5
1.4	256QAM	3	0	16.34	16.26	16.18		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.5	5

Band 4 Ant0

BW [MHz]	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	21.51	21.54	21.49	22.5	0
20	QPSK	1	49	21.50	21.46	21.41		
20	QPSK	1	99	21.52	21.46	21.38		
20	QPSK	50	0	20.56	20.64	20.54		
20	QPSK	50	24	20.50	20.52	20.48	21.5	1
20	QPSK	50	50	20.42	20.49	20.63		
20	QPSK	100	0	20.47	20.62	20.56		
20	16QAM	1	0	20.84	20.79	20.74		
20	16QAM	1	49	20.74	20.67	20.93	21.5	1
20	16QAM	1	99	20.65	20.77	20.79		
20	16QAM	50	0	19.62	19.56	19.64		
20	16QAM	50	24	19.64	19.67	19.61	20.5	2
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92		
20	64QAM	1	49	19.87	19.89	19.88	20.5	2
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70		
20	64QAM	50	24	18.49	18.60	18.58	19.5	3
20	64QAM	50	50	18.53	18.70	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.52	16.57	16.61		
20	256QAM	1	49	16.61	16.71	16.44	17.5	5
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63		
20	256QAM	50	24	16.52	16.40	16.40	17.5	5
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.15	21.08	22.5	0
15	QPSK	1	37	21.06	21.03	21.09		
15	QPSK	1	74	21.08	20.98	20.99		
15	QPSK	36	0	20.27	20.34	20.08		
15	QPSK	36	20	20.04	20.13	20.08	21.5	1
15	QPSK	36	39	20.13	20.07	20.26		
15	QPSK	75	0	20.28	20.24	20.23		
15	16QAM	1	0	20.10	20.21	20.32		
15	16QAM	1	37	20.00	20.33	20.08	21.5	1
15	16QAM	1	74	20.10	20.12	20.01		
15	16QAM	36	0	19.12	19.31	19.35		
15	16QAM	36	20	19.39	19.36	19.35	20.5	2
15	16QAM	36	39	19.37	19.24	19.25		
15	16QAM	75	0	19.32	19.26	19.30		
15	64QAM	1	0	19.44	19.30	19.21		
15	64QAM	1	37	19.25	19.37	19.26	20.5	2
15	64QAM	1	74	19.32	19.31	19.26		
15	64QAM	36	0	18.34	18.33	18.28		
15	64QAM	36	20	18.36	18.22	18.43	19.5	3
15	64QAM	36	39	18.16	18.32	18.29		
15	64QAM	75	0	18.23	18.18	18.13		
15	256QAM	1	0	16.14	16.26	16.15		
15	256QAM	1	37	16.31	16.34	16.17	17.5	5
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20		
15	256QAM	36	20	16.12	16.18	16.09	17.5	5
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.10	21.11	21.08	22.5	0
10	QPSK	1	25	21.12	21.03	21.12		
10	QPSK	1	49	21.10	20.93	21.03		
10	QPSK	25	0	20.28	20.28	20.13		
10	QPSK	25	12	20.05	20.18	20.11	21.5	1
10	QPSK	25	25	20.16	20.12	20.23		
10	QPSK	50	0	20.23	20.29	20.22		
10	16QAM	1	0	20.15	20.13	20.29		
10	16QAM	1	25	20.01	20.29	20.05	21.5	1
10	16QAM	1	49	20.14	20.13	20.01		
10	16QAM	25	0	19.19	19.31	19.38		
10	16QAM	25	12	19.42	19.31	19.28	20.5	2
10	16QAM	25	25	19.30	19.25	19.21		
10	16QAM	50	0	19.32	19.26	19.27		
10	64QAM	1	0	19.37	19.34	19.21		
10	64QAM	1	25	19.25	19.33	19.26	20.5	2
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.33	18.34	18.30		
10	64QAM	25	12	18.36	18.26	18.41	19.5	3
10	64QAM	25	25	18.19	18.25	18.31		
10	64QAM	50	0	18.27	18.23	18.10		
10	256QAM	1	0	16.18	16.27	16.23		
10	256QAM	1	25	16.29	16.30	16.22	17.5	5
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13		
10	256QAM	25	12	16.10	16.14	16.07	17.5	5
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.20	21.16	22.5	0
5	QPSK	1	12	21.06	21.06	21.10		
5	QPSK	1	24	21.07	20.92	21.02		
5	QPSK	12	0	20.25	20.29	20.07		
5	QPSK	12	7	20.07	20.21	20.03	21.5	1
5	QPSK	12	13	20.08	20.09	20.20		
5	QPSK	25	0	20.24	20.33	20.22		
5	16QAM	1	0	20.14	20.16	20.28		
5	16QAM	1	12	20.03	20.26	20.05	21.5	1
5	16QAM	1	24	20.06	20.14	20.08		
5	16QAM	12	0	19.10	19.32	19.39		
5	16QAM	12	7	19.39	19.29	19.27	20.5	2
5	16QAM	12	13	19.30	19.24	19.23		
5	16QAM	25	0	19.37	19.22	19.32		
5	64QAM	1	0	19.38	19.30	19.28		
5	64QAM	1	12	19.20	19.39	19.27	20.5	2
5	64QAM	1	24	19.35	19.30	19.25		
5	64QAM	12	0	18.31	18.33	18.25		
5	64QAM	12	7	18.38	18.22	18.47	19.5	3
5	64QAM	12	13	18.13	18.23	18.30		
5	64QAM	25	0	18.25	18.27	18.03		
5	256QAM	1	0	16.11	16.32	16.18		
5	256QAM	1	12	16.33	16.27	16.21	17.5	5
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.28	16.33		
5	256QAM	12	7	16.10	16.22	16.09	17.5	5
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.14	21.11	21.11	22.5	0
3	QPSK	1	8	21.04	21.06	21.04		
3	QPSK	1	14	21.04	20.93	21.00		
3	QPSK	8	0	20.28	20.34	20.05	21.5	1
3	QPSK	8	4	20.08	20.13	20.09		
3	QPSK	8	7	20.13	20.15	20.20		
3	QPSK	15	0	20.25	20.33	20.24		
3	16QAM	1	0	20.08	20.20	20.26		
3	16QAM	1	8	20.01	20.30	20.07	21.5	1
3	16QAM	1	14	20.07	20.09	20.02		
3	16QAM	8	0	19.14	19.32	19.39		
3	16QAM	8	4	19.37	19.34	19.31	20.5	2
3	16QAM	8	7	19.29	19.28	19.22		
3	16QAM	15	0	19.37	19.24	19.24		
3	64QAM	1	0	19.44	19.35	19.28		
3	64QAM	1	8	19.18	19.40	19.33	20.5	2
3	64QAM	1	14	19.29	19.33	19.24		
3	64QAM	8	0	18.32	18.34	18.22		
3	64QAM	8	4	18.44	18.32	18.42	19.5	3
3	64QAM	8	7	18.22	18.30	18.22		
3	64QAM	15	0	18.29	18.20	18.13		
3	256QAM	1	0	16.12	16.30	16.18		
3	256QAM	1	8	16.33	16.34	16.21	17.5	5
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.20	16.20		
3	256QAM	8	4	16.09	16.16	16.12	17.5	5
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.17	21.09	22.5	0
1.4	QPSK	1	3	21.05	21.03	21.06		
1.4	QPSK	1	5	21.04	20.94	20.99		
1.4	QPSK	3	0	21.04	21.04	21.02		
1.4	QPSK	3	1	20.93	20.92	20.94		
1.4	QPSK	3	3	20.91	20.84	20.86		
1.4	QPSK	6	0	20.28	20.31	20.25	21.5	1
1.4	16QAM	1	0	20.06	20.18	20.34		
1.4	16QAM	1	3	20.06	20.35	20.04		
1.4	16QAM	1	5	20.07	20.15	20.02	21.5	1
1.4	16QAM	3	0	21.06	21.09	21.02		
1.4	16QAM	3	1	21.01	20.91	20.94		
1.4	16QAM	3	3	20.92	20.89	20.91		
1.4	16QAM	6	0	19.32	19.30	19.30	20.5	2
1.4	64QAM	1	0	19.37	19.29	19.25		
1.4	64QAM	1	3	19.26	19.32	19.33		
1.4	64QAM	1	5	19.36	19.34	19.21	20.5	2
1.4	64QAM	3	0	19.32	19.23	19.15		
1.4	64QAM	3	1	19.09	19.31	19.26		
1.4	64QAM	3	3	19.21	19.17	19.14		
1.4	64QAM	6	0	18.29	18.25	18.08	19.5	3
1.4	256QAM	1	0	16.13	16.25	16.20		
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35	17.5	5
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.5	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	22.21	22.32	22.20	24	0
10	QPSK	1	25	22.12	22.12	22.25		
10	QPSK	1	49	22.04	22.10	22.15		
10	QPSK	25	0	21.20	21.26	21.24		
10	QPSK	25	12	21.15	21.21	21.22	23	1
10	QPSK	25	25	21.08	21.08	21.17		
10	QPSK	50	0	21.18	21.23	21.02		
10	16QAM	1	0	21.46	21.50	21.41		
10	16QAM	1	25	21.54	21.56	21.35	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.59	22.50	24	0
10	QPSK	1	25	22.32	22.44	22.38		
10	QPSK	1	49	22.27	22.37	22.44		
10	QPSK	25	0	21.46	21.55	21.53	23	1
10	QPSK	25	12	21.49	21.37	21.52		
10	QPSK	25	25	21.29	21.45	21.51		
10	QPSK	50	0	21.33	21.52	21.21		
10	16QAM	1	0	21.94	21.81	21.73	23	1
10	16QAM	1	25	21.73	21.74	21.70		
10	16QAM	1	49	21.74	21.91	21.79		
10	16QAM	25	0	20.46	20.41	20.26	22	2
10	16QAM	25	12	20.37	20.52	20.56		
10	16QAM	25	25	20.31	20.43	20.36		
10	16QAM	50	0	20.53	20.45	20.49		
10	64QAM	1	0	20.77	20.79	20.84	22	2
10	64QAM	1	25	20.82	20.68	20.66		
10	64QAM	1	49	20.90	20.84	20.76		
10	64QAM	25	0	19.41	19.46	19.32	21	3
10	64QAM	25	12	19.31	19.46	19.36		
10	64QAM	25	25	19.58	19.39	19.51		
10	64QAM	50	0	19.31	19.40	19.40		
10	256QAM	1	0	17.67	17.82	17.78	19	5
10	256QAM	1	25	17.70	17.73	17.90		
10	256QAM	1	49	17.78	17.77	17.78		
10	256QAM	25	0	17.56	17.51	17.39	19	5
10	256QAM	25	12	17.63	17.45	17.56		
10	256QAM	25	25	17.46	17.47	17.52		
10	256QAM	50	0	17.26	17.29	17.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.43	24	0
5	QPSK	1	12	22.28	22.36	22.33		
5	QPSK	1	24	22.14	22.26	22.35		
5	QPSK	12	0	21.42	21.46	21.48	23	1
5	QPSK	12	7	21.37	21.26	21.42		
5	QPSK	12	13	21.23	21.35	21.39		
5	QPSK	25	0	21.28	21.42	21.12		
5	16QAM	1	0	21.83	21.69	21.62	23	1
5	16QAM	1	12	21.62	21.70	21.59		
5	16QAM	1	24	21.65	21.84	21.76		
5	16QAM	12	0	20.33	20.34	20.21	22	2
5	16QAM	12	7	20.29	20.41	20.46		
5	16QAM	12	13	20.25	20.32	20.33		
5	16QAM	25	0	20.42	20.37	20.41		
5	64QAM	1	0	20.64	20.71	20.72	22	2
5	64QAM	1	12	20.73	20.58	20.59		
5	64QAM	1	24	20.78	20.74	20.64		
5	64QAM	12	0	19.38	19.33	19.22	21	3
5	64QAM	12	7	19.19	19.37	19.31		
5	64QAM	12	13	19.54	19.28	19.42		
5	64QAM	25	0	19.26	19.33	19.31		
5	256QAM	1	0	17.63	17.69	17.72	19	5
5	256QAM	1	12	17.66	17.68	17.77		
5	256QAM	1	24	17.67	17.72	17.68		
5	256QAM	12	0	17.50	17.40	17.28	19	5
5	256QAM	12	7	17.54	17.41	17.49		
5	256QAM	12	13	17.37	17.40	17.49		
5	256QAM	25	0	17.18	17.22	17.27		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.41	22.50	22.38	24	0
3	QPSK	1	8	22.20	22.36	22.34		
3	QPSK	1	14	22.14	22.32	22.31		
3	QPSK	8	0	21.35	21.48	21.49	23	1
3	QPSK	8	4	21.41	21.26	21.44		
3	QPSK	8	7	21.16	21.38	21.46		
3	QPSK	15	0	21.23	21.41	21.14		
3	16QAM	1	0	21.91	21.75	21.63	23	1
3	16QAM	1	8	21.63	21.67	21.62		
3	16QAM	1	14	21.62	21.86	21.75		
3	16QAM	8	0	20.36	20.30	20.22	22	2
3	16QAM	8	4	20.34	20.45	20.52		
3	16QAM	8	7	20.22	20.36	20.27		
3	16QAM	15	0	20.45	20.40	20.40		
3	64QAM	1	0	20.73	20.70	20.80	22	2
3	64QAM	1	8	20.74	20.65	20.56		
3	64QAM	1	14	20.84	20.72	20.71		
3	64QAM	8	0	19.28	19.35	19.27	21	3
3	64QAM	8	4	19.18	19.38	19.25		
3	64QAM	8	7	19.45	19.27	19.46		
3	64QAM	15	0	19.20	19.31	19.28		
3	256QAM	1	0	17.58	17.74	17.73	19	5
3	256QAM	1	8	17.59	17.62	17.77		
3	256QAM	1	14	17.71	17.70	17.70		
3	256QAM	8	0	17.51	17.46	17.35	19	5
3	256QAM	8	4	17.54	17.38	17.45		
3	256QAM	8	7	17.39	17.34	17.46		
3	256QAM	15	0	17.22	17.18	17.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.48	22.42	24	0
1.4	QPSK	1	3	22.21	22.35	22.34		
1.4	QPSK	1	5	22.20	22.27	22.35		
1.4	QPSK	3	0	22.36	22.48	22.39		
1.4	QPSK	3	1	22.27	22.40	22.26		
1.4	QPSK	3	3	22.21	22.26	22.35		
1.4	QPSK	6	0	21.28	21.42	21.14	23	1
1.4	16QAM	1	0	21.88	21.74	21.62	23	1
1.4	16QAM	1	3	21.70	21.66	21.64		
1.4	16QAM	1	5	21.66	21.86	21.73		
1.4	16QAM	3	0	21.35	21.44	21.46		
1.4	16QAM	3	1	21.41	21.24	21.42		
1.4	16QAM	3	3	21.18	21.37	21.39		
1.4	16QAM	6	0	20.47	20.34	20.42	22	2
1.4	64QAM	1	0	20.72	20.70	20.74	22	2
1.4	64QAM	1	3	20.70	20.59	20.63		
1.4	64QAM	1	5	20.86	20.73	20.67		
1.4	64QAM	3	0	20.35	20.34	20.19		
1.4	64QAM	3	1	20.24	20.42	20.47		
1.4	64QAM	3	3	20.24	20.33	20.24		
1.4	64QAM	6	0	19.25	19.37	19.35	21	3
1.4	256QAM	1	0	17.62	17.72	17.74	19	5
1.4	256QAM	1	3	17.58	17.66	17.77		
1.4	256QAM	1	5	17.67	17.68	17.67		
1.4	256QAM	3	0	17.45	17.44	17.31		
1.4	256QAM	3	1	17.56	17.37	17.45		
1.4	256QAM	3	3	17.42	17.39	17.39		
1.4	256QAM	6	0	17.17	17.18	17.35	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		22.85		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.67			
10	QPSK	25	0		21.83		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.75			
10	16QAM	1	0		22.16		23	1
10	16QAM	1	25		22.16			
10	16QAM	1	49		22.06			
10	16QAM	25	0		20.86		22	2
10	16QAM	25	12		21.00			
10	16QAM	25	25		20.92			
10	16QAM	50	0		20.81			
10	64QAM	1	0		21.11		22	2
10	64QAM	1	25		21.10			
10	64QAM	1	49		20.98			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.09			
10	256QAM	25	0		17.81		19	5
10	256QAM	25	12		17.91			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.79	22.79	24	0
5	QPSK	1	12	22.72	22.68	22.73		
5	QPSK	1	24	22.62	22.62	22.61		
5	QPSK	12	0	21.71	21.71	21.70	23	1
5	QPSK	12	7	21.63	21.62	21.61		
5	QPSK	12	13	21.64	21.62	21.60		
5	QPSK	25	0	21.65	21.71	21.70		
5	16QAM	1	0	22.10	22.05	22.06	23	1
5	16QAM	1	12	22.06	22.03	22.04		
5	16QAM	1	24	21.94	22.03	22.01		
5	16QAM	12	0	20.79	20.82	20.82	22	2
5	16QAM	12	7	20.94	20.93	20.96		
5	16QAM	12	13	20.86	20.87	20.79		
5	16QAM	25	0	20.76	20.77	20.69		
5	64QAM	1	0	21.07	21.06	21.03	22	2
5	64QAM	1	12	21.02	21.00	21.05		
5	64QAM	1	24	20.94	20.86	20.94		
5	64QAM	12	0	19.83	19.83	19.87	21	3
5	64QAM	12	7	19.86	19.87	19.80		
5	64QAM	12	13	19.76	19.72	19.75		
5	64QAM	25	0	19.80	19.80	19.80		
5	256QAM	1	0	17.88	17.87	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.87		
5	256QAM	1	24	17.99	18.02	18.05		
5	256QAM	12	0	17.69	17.69	17.68	19	5
5	256QAM	12	7	17.85	17.86	17.80		
5	256QAM	12	13	17.62	17.54	17.59		
5	256QAM	25	0	17.72	17.63	17.70		

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BW [MHz]	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	22.41	22.52	22.45	24	0
10	QPSK	1	25	22.44	22.33	22.48		
10	QPSK	1	49	22.28	22.50	22.23		
10	QPSK	25	0	21.31	21.49	21.46	23	1
10	QPSK	25	12	21.40	21.48	21.42		
10	QPSK	25	25	21.31	21.47	21.42		
10	QPSK	50	0	21.26	21.45	21.42		
10	16QAM	1	0	21.89	21.76	21.87	23	1
10	16QAM	1	25	21.83	21.86	21.68		
10	16QAM	1	49	21.79	21.88	21.69		
10	16QAM	25	0	20.37	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.51	20.60		
10	16QAM	25	25	20.51	20.43	20.64		
10	16QAM	50	0	20.71	20.59	20.67		
10	64QAM	1	0	20.83	20.74	20.85	22	2
10	64QAM	1	25	20.74	20.76	20.60		
10	64QAM	1	49	20.68	20.62	20.61		
10	64QAM	25	0	19.57	19.48	19.39	21	3
10	64QAM	25	12	19.39	19.57	19.41		
10	64QAM	25	25	19.41	19.56	19.33		
10	64QAM	50	0	19.47	19.51	19.36		
10	256QAM	1	0	17.61	17.71	17.58	19	5
10	256QAM	1	25	17.57	17.68	17.64		
10	256QAM	1	49	17.80	17.56	17.63		
10	256QAM	25	0	17.58	17.62	17.59	19	5
10	256QAM	25	12	17.76	17.49	17.48		
10	256QAM	25	25	17.76	17.75	17.57		
10	256QAM	50	0	17.71	17.58	17.52		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.48	22.41	24	0
5	QPSK	1	12	22.31	22.26	22.43		
5	QPSK	1	24	22.20	22.43	22.17		
5	QPSK	12	0	21.20	21.42	21.38	23	1
5	QPSK	12	7	21.34	21.42	21.36		
5	QPSK	12	13	21.24	21.35	21.33		
5	QPSK	25	0	21.21	21.41	21.34		
5	16QAM	1	0	21.78	21.71	21.79	23	1
5	16QAM	1	12	21.73	21.74	21.59		
5	16QAM	1	24	21.71	21.75	21.64		
5	16QAM	12	0	20.32	20.46	20.35	22	2
5	16QAM	12	7	20.26	20.40	20.49		
5	16QAM	12	13	20.39	20.31	20.60		
5	16QAM	25	0	20.59	20.49	20.62		
5	64QAM	1	0	20.75	20.67	20.80	22	2
5	64QAM	1	12	20.66	20.65	20.49		
5	64QAM	1	24	20.61	20.57	20.56		
5	64QAM	12	0	19.47	19.37	19.30	21	3
5	64QAM	12	7	19.33	19.52	19.31		
5	64QAM	12	13	19.36	19.45	19.23		
5	64QAM	25	0	19.34	19.47	19.25		
5	256QAM	1	0	17.54	17.59	17.52	19	5
5	256QAM	1	12	17.50	17.60	17.60		
5	256QAM	1	24	17.72	17.43	17.54		
5	256QAM	12	0	17.48	17.59	17.53	19	5
5	256QAM	12	7	17.67	17.41	17.44		
5	256QAM	12	13	17.72	17.70	17.48		
5	256QAM	25	0	17.60	17.49	17.43		

Band 25 Ant0

BW [MHz]	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	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.32	21.39	21.36	22.5	0
20	QPSK	1	49	21.33	21.21	21.23		
20	QPSK	1	99	21.33	21.31	21.24		
20	QPSK	50	0	20.30	20.51	20.33	21.5	1
20	QPSK	50	24	20.31	20.47	20.43		
20	QPSK	50	50	20.48	20.32	20.47		
20	QPSK	100	0	20.46	20.47	20.41		
20	16QAM	1	0	20.63	20.75	20.76	21.5	1
20	16QAM	1	49	20.72	20.76	20.83		
20	16QAM	1	99	20.87	20.79	20.84		
20	16QAM	50	0	19.43	19.44	19.43	20.5	2
20	16QAM	50	24	19.39	19.35	19.47		
20	16QAM	50	50	19.50	19.54	19.45		
20	16QAM	100	0	19.51	19.48	19.44		
20	64QAM	1	0	19.61	19.57	19.53	20.5	2
20	64QAM	1	49	19.67	19.66	19.49		
20	64QAM	1	99	19.65	19.54	19.55		
20	64QAM	50	0	18.41	18.51	18.61	19.5	3
20	64QAM	50	24	18.47	18.52	18.52		
20	64QAM	50	50	18.42	18.54	18.61		
20	64QAM	100	0	18.54	18.52	18.51		
20	256QAM	1	0	16.46	16.54	16.46	17.5	5
20	256QAM	1	49	16.66	16.59	16.52		
20	256QAM	1	99	16.61	16.47	16.47		
20	256QAM	50	0	16.46	16.51	16.54	17.5	5
20	256QAM	50	24	16.54	16.58	16.49		
20	256QAM	50	50	16.62	16.58	16.48		
20	256QAM	100	0	16.49	16.47	16.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.24	21.26	21.30	22.5	0
15	QPSK	1	37	21.20	21.14	21.20		
15	QPSK	1	74	21.27	21.23	21.16		
15	QPSK	36	0	20.18	20.38	20.23	21.5	1
15	QPSK	36	20	20.28	20.38	20.30		
15	QPSK	36	39	20.44	20.24	20.44		
15	QPSK	75	0	20.38	20.40	20.36		
15	16QAM	1	0	20.55	20.65	20.65	21.5	1
15	16QAM	1	37	20.66	20.66	20.72		
15	16QAM	1	74	20.83	20.75	20.73		
15	16QAM	36	0	19.39	19.38	19.32	20.5	2
15	16QAM	36	20	19.33	19.28	19.43		
15	16QAM	36	39	19.45	19.51	19.32		
15	16QAM	75	0	19.43	19.37	19.40		
15	64QAM	1	0	19.55	19.51	19.42	20.5	2
15	64QAM	1	37	19.61	19.61	19.36		
15	64QAM	1	74	19.54	19.43	19.44		
15	64QAM	36	0	18.30	18.47	18.53	19.5	3
15	64QAM	36	20	18.28	18.49	18.42		
15	64QAM	36	39	18.31	18.46	18.54		
15	64QAM	75	0	18.47	18.48	18.39		
15	256QAM	1	0	16.43	16.41	16.36	17.5	5
15	256QAM	1	37	16.54	16.52	16.45		
15	256QAM	1	74	16.50	16.39	16.39		
15	256QAM	36	0	16.39	16.43	16.48	17.5	5
15	256QAM	36	20	16.47	16.54	16.45		
15	256QAM	36	39	16.58	16.52	16.36		
15	256QAM	75	0	16.39	16.37	16.30		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.20	21.26	21.32	22.5	0
10	QPSK	1	25	21.21	21.10	21.11		
10	QPSK	1	49	21.27	21.24	21.18		
10	QPSK	25	0	20.19	20.44	20.26	21.5	1
10	QPSK	25	12	20.24	20.34	20.39		
10	QPSK	25	25	20.38	20.27	20.40		
10	QPSK	50	0	20.40	20.42	20.32		
10	16QAM	1	0	20.57	20.66	20.68	21.5	1
10	16QAM	1	25	20.63	20.64	20.79		
10	16QAM	1	49	20.82	20.72	20.75		
10	16QAM	25	0	19.38	19.37	19.39	20.5	2
10	16QAM	25	12	19.27	19.27	19.42		
10	16QAM	25	25	19.43	19.48	19.32		
10	16QAM	50	0	19.40	19.43	19.38		
10	64QAM	1	0	19.55	19.53	19.45	20.5	2
10	64QAM	1	25	19.55	19.54	19.42		
10	64QAM	1	49	19.58	19.45	19.44		
10	64QAM	25	0	18.36	18.44	18.57	19.5	3
10	64QAM	25	12	18.37	18.43	18.45		
10	64QAM	25	25	18.35	18.48	18.58		
10	64QAM	50	0	18.42	18.45	18.46		
10	256QAM	1	0	16.37	16.46	16.37	17.5	5
10	256QAM	1	25	16.62	16.56	16.46		
10	256QAM	1	49	16.58	16.36	16.37		
10	256QAM	25	0	16.36	16.40	16.44	17.5	5
10	256QAM	25	12	16.41	16.48	16.45		
10	256QAM	25	25	16.55	16.57	16.44		
10	256QAM	50	0	16.45	16.42	16.29		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.28	21.35	21.28	22.5	0
5	QPSK	1	12	21.25	21.09	21.15		
5	QPSK	1	24	21.27	21.26	21.16		
5	QPSK	12	0	20.22	20.42	20.23	21.5	1
5	QPSK	12	7	20.25	20.34	20.38		
5	QPSK	12	13	20.43	20.24	20.42		
5	QPSK	25	0	20.37	20.43	20.36		
5	16QAM	1	0	20.57	20.69	20.71	21.5	1
5	16QAM	1	12	20.59	20.65	20.74		
5	16QAM	1	24	20.80	20.75	20.72		
5	16QAM	12	0	19.38	19.32	19.34	20.5	2
5	16QAM	12	7	19.28	19.25	19.39		
5	16QAM	12	13	19.46	19.43	19.33		
5	16QAM	25	0	19.40	19.42	19.34		
5	64QAM	1	0	19.57	19.51	19.40	20.5	2
5	64QAM	1	12	19.64	19.60	19.41		
5	64QAM	1	24	19.55	19.47	19.44		
5	64QAM	12	0	18.29	18.42	18.49	19.5	3
5	64QAM	12	7	18.34	18.40	18.41		
5	64QAM	12	13	18.34	18.47	18.55		
5	64QAM	25	0	18.46	18.49	18.41		
5	256QAM	1	0	16.41	16.41	16.41	17.5	5
5	256QAM	1	12	16.60	16.52	16.40		
5	256QAM	1	24	16.57	16.34	16.42		
5	256QAM	12	0	16.39	16.48	16.48	17.5	5
5	256QAM	12	7	16.50	16.52	16.46		
5	256QAM	12	13	16.54	16.58	16.43		
5	256QAM	25	0	16.40	16.39	16.29		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.24	21.33	21.32	22.5	0
3	QPSK	1	8	21.22	21.13	21.16		
3	QPSK	1	14	21.21	21.24	21.11		
3	QPSK	8	0	20.23	20.41	20.22	21.5	1
3	QPSK	8	4	20.20	20.44	20.40		
3	QPSK	8	7	20.36	20.24	20.36		
3	QPSK	15	0	20.41	20.43	20.37		
3	16QAM	1	0	20.53	20.69	20.66	21.5	1
3	16QAM	1	8	20.66	20.65	20.72		
3	16QAM	1	14	20.77	20.68	20.75		
3	16QAM	8	0	19.37	19.34	19.32	20.5	2
3	16QAM	8	4	19.34	19.28	19.42		
3	16QAM	8	7	19.47	19.51	19.38		
3	16QAM	15	0	19.43	19.43	19.39	20.5	2
3	64QAM	1	0	19.52	19.51	19.43		
3	64QAM	1	8	19.56	19.63	19.43		
3	64QAM	1	14	19.62	19.42	19.51		
3	64QAM	8	0	18.29	18.46	18.55	19.5	3
3	64QA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.51	22.45	24	0
15	QPSK	1	37	22.39	22.49	22.27		
15	QPSK	1	74	22.34	22.20	22.38		
15	QPSK	36	0	21.29	21.48	21.37	23	1
15	QPSK	36	20	21.27	21.27	21.44		
15	QPSK	36	39	21.43	21.32	21.38		
15	QPSK	75	0	21.36	21.45	21.26		
15	16QAM	1	0	21.69	21.78	21.69	23	1
15	16QAM	1	37	21.81	21.84	21.73		
15	16QAM	1	74	21.86	21.83	21.73		
15	16QAM	36	0	20.41	20.52	20.54	22	2
15	16QAM	36	20	20.54	20.44	20.65		
15	16QAM	36	39	20.56	20.49	20.55		
15	16QAM	75	0	20.34	20.47	20.39		
15	64QAM	1	0	20.83	20.77	20.75	22	2
15	64QAM	1	37	20.84	20.68	20.71		
15	64QAM	1	74	20.73	20.89	20.75		
15	64QAM	36	0	19.65	19.53	19.53	21	3
15	64QAM	36	20	19.48	19.44	19.53		
15	64QAM	36	39	19.61	19.64	19.40		
15	64QAM	75	0	19.41	19.50	19.56		
15	256QAM	1	0	17.69	17.78	17.77	19	5
15	256QAM	1	37	17.89	17.67	17.76		
15	256QAM	1	74	17.75	17.84	17.87		
15	256QAM	36	0	17.58	17.63	17.53	19	5
15	256QAM	36	20	17.60	17.65	17.54		
15	256QAM	36	39	17.70	17.66	17.73		
15	256QAM	75	0	17.56	17.60	17.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.44	22.40	22.39	24	0
10	QPSK	1	25	22.34	22.39	22.16		
10	QPSK	1	49	22.28	22.24	22.26		
10	QPSK	25	0	21.24	21.44	21.33	23	1
10	QPSK	25	12	21.23	21.22	21.37		
10	QPSK	25	25	21.37	21.20	21.31		
10	QPSK	50	0	21.28	21.35	21.15		
10	16QAM	1	0	21.62	21.67	21.65	23	1
10	16QAM	1	25	21.74	21.73	21.61		
10	16QAM	1	49	21.74	21.77	21.67		
10	16QAM	25	0	20.37	20.47	20.49	22	2
10	16QAM	25	12	20.44	20.40	20.53		
10	16QAM	25	25	20.51	20.38	20.50		
10	16QAM	50	0	20.28	20.41	20.33		
10	64QAM	1	0	20.76	20.72	20.64	22	2
10	64QAM	1	25	20.75	20.63	20.58		
10	64QAM	1	49	20.67	20.85	20.66		
10	64QAM	25	0	19.59	19.45	19.42	21	3
10	64QAM	25	12	19.38	19.36	19.49		
10	64QAM	25	25	19.55	19.60	19.28		
10	64QAM	50	0	19.34	19.43	19.45		
10	256QAM	1	0	17.57	17.68	17.66	19	5
10	256QAM	1	25	17.80	17.57	17.73		
10	256QAM	1	49	17.68	17.75	17.84		
10	256QAM	25	0	17.50	17.51	17.50	19	5
10	256QAM	25	12	17.55	17.60	17.49		
10	256QAM	25	25	17.64	17.56	17.60		
10	256QAM	50	0	17.49	17.55	17.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.45	22.36	24	0
5	QPSK	1	12	22.33	22.46	22.16		
5	QPSK	1	24	22.27	22.23	22.26		
5	QPSK	12	0	21.22	21.41	21.31	23	1
5	QPSK	12	7	21.18	21.16	21.37		
5	QPSK	12	13	21.37	21.22	21.26		
5	QPSK	25	0	21.29	21.38	21.22		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.74	21.68		
5	16QAM	1	24	21.79	21.79	21.64		
5	16QAM	12	0	20.31	20.43	20.50	22	2
5	16QAM	12	7	20.41	20.34	20.58		
5	16QAM	12	13	20.46	20.37	20.44		
5	16QAM	25	0	20.23	20.41	20.26		
5	64QAM	1	0	20.79	20.71	20.69	22	2
5	64QAM	1	12	20.73	20.63	20.60		
5	64QAM	1	24	20.68	20.81	20.65		
5	64QAM	12	0	19.56	19.49	19.43	21	3
5	64QAM	12	7	19.42	19.41	19.45		
5	64QAM	12	13	19.48	19.51	19.36		
5	64QAM	25	0	19.30	19.38	19.44		
5	256QAM	1	0	17.64	17.66	17.64	19	5
5	256QAM	1	12	17.84	17.60	17.69		
5	256QAM	1	24	17.67	17.74	17.74		
5	256QAM	12	0	17.53	17.54	17.42	19	5
5	256QAM	12	7	17.51	17.62	17.46		
5	256QAM	12	13	17.61	17.60	17.66		
5	256QAM	25	0	17.45	17.51	17.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.43	22.47	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.19		
3	QPSK	1	14	22.29	22.25	22.27		
3	QPSK	8	0	21.20	21.44	21.26	23	1
3	QPSK	8	4	21.16	21.17	21.39		
3	QPSK	8	7	21.38	21.27	21.26		
3	QPSK	15	0	21.26	21.41	21.21		
3	16QAM	1	0	21.61	21.66	21.59	23	1
3	16QAM	1	8	21.75	21.73	21.64		
3	16QAM	1	14	21.82	21.80	21.65		
3	16QAM	8	0	20.34	20.44	20.50	22	2
3	16QAM	8	4	20.42	20.39	20.53		
3	16QAM	8	7	20.40	20.42	20.48		
3	16QAM	15	0	20.27	20.37	20.26		
3	64QAM	1	0	20.78	20.67	20.68	22	2
3	64QAM	1	8	20.79	20.55	20.61		
3	64QAM	1	14	20.62	20.77	20.65		
3	64QAM	8	0	19.55	19.43	19.41	21	3
3	64QAM	8	4	19.36	19.32	19.47		
3	64QAM	8	7	19.57	19.58	19.36		
3	64QAM	15	0	19.29	19.41	19.43		
3	256QAM	1	0	17.65	17.75	17.70	19	5
3	256QAM	1	8	17.85	17.55	17.72		
3	256QAM	1	14	17.63	17.78	17.76		
3	256QAM	8	0	17.48	17.53	17.44	19	5
3	256QAM	8	4	17.51	17.62	17.44		
3	256QAM	8	7	17.59	17.55	17.65		
3	256QAM	15	0	17.51	17.48	17.43		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.39	22.37	24	0
1.4	QPSK	1	3	22.27	22.41	22.19		
1.4	QPSK	1	5	22.22	22.23	22.30		
1.4	QPSK	3	0	22.39	22.44	22.39		
1.4	QPSK	3	1	22.33	22.39	22.16		
1.4	QPSK	3	3	22.22	22.25	22.29		
1.4	QPSK	6	0	21.31	21.40	21.19	23	1
1.4	16QAM	1	0	21.63	21.66	21.62	23	1
1.4	16QAM	1	3	21.70	21.79	21.60		
1.4	16QAM	1	5	21.83	21.75	21.68		
1.4	16QAM	3	0	21.18	21.44	21.32		
1.4	16QAM	3	1	21.14	21.23	21.34		
1.4	16QAM	3	3	21.40	21.28	21.31		
1.4	16QAM	6	0	20.28	20.37	20.28	22	2
1.4	64QAM	1	0	20.77	20.69	20.66	22	2
1.4	64QAM	1	3	20.74	20.63	20.62		
1.4	64QAM	1	5	20.65	20.82	20.65		
1.4	64QAM	3	0	20.37	20.46	20.50		
1.4	64QAM	3	1	20.49	20.32	20.61		
1.4	64QAM	3	3	20.46	20.44	20.50		
1.4	64QAM	6	0	19.37	19.47	19.46	21	3
1.4	256QAM	1	0	17.65	17.68	17.66	19	5
1.4	256QAM	1	3	17.77	17.57	17.66		
1.4	256QAM	1	5	17.69	17.79	17.77		
1.4	256QAM	3	0	17.54	17.60	17.43		
1.4	256QAM	3	1	17.57	17.60	17.44		
1.4	256QAM	3	3	17.65	17.59	17.68		
1.4	256QAM	6	0	17.49	17.56	17.41	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.25	21.32	21.27	22.5	0
20	QPSK	1	49	21.20	21.23	21.24		
20	QPSK	1	99	21.23	21.17	21.09		
20	QPSK	50	0	20.16	20.29	20.14	21.5	1
20	QPSK	50	24	20.21	20.22	20.07		
20	QPSK	50	50	20.25	20.08	20.26		
20	QPSK	100	0	20.11	20.27	20.23		
20	16QAM	1	0	20.52	20.58	20.47	21.5	1
20	16QAM	1	49	20.63	20.61	20.63		
20	16QAM	1	99	20.47	20.51	20.53		
20	16QAM	50	0	19.22	19.26	19.14	20.5	2
20	16QAM	50	24	19.18	19.34	19.36		
20	16QAM	50	50	19.29	19.26	19.36		
20	16QAM	100	0	19.40	19.29	19.41		
20	64QAM	1	0	19.50	19.46	19.37	20.5	2
20	64QAM	1	49	19.47	19.50	19.59		
20	64QAM	1	99	19.57	19.37	19.47		
20	64QAM	50	0	18.27	18.24	18.20	19.5	3
20	64QAM	50	24	18.22	18.12	18.15		
20	64QAM	50	50	18.12	18.22	18.22		
20	64QAM	100	0	18.33	18.26	18.25		
20	256QAM	1	0	16.22	16.32	16.28	17.5	5
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.5	5
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.15	21.26	21.22	22.5	0
15	QPSK	1	37	21.08	21.19	21.18		
15	QPSK	1	74	21.16	21.05	21.04		
15	QPSK	36	0	20.10	20.20	20.04	21.5	1
15	QPSK	36	20	20.12	20.15	19.94		
15	QPSK	36	39	20.19	20.02	20.18		
15	QPSK	75	0	20.03	20.23	20.11		
15	16QAM	1	0	20.45	20.50	20.42	21.5	1
15	16QAM	1	37	20.54	20.56	20.60		
15	16QAM	1	74	20.35	20.42	20.41		
15	16QAM	36	0	19.17	19.14	19.05	20.5	2
15	16QAM	36	20	19.05	19.26	19.29		
15	16QAM	36	39	19.22	19.19	19.30		
15	16QAM	75	0	19.29	19.18	19.31		
15	64QAM	1	0	19.38	19.34	19.28	20.5	2
15	64QAM	1	37	19.43	19.46	19.51		
15	64QAM	1	74	19.45	19.24	19.38		
15	64QAM	36	0	18.23	18.11	18.11	19.5	3
15	64QAM	36	20	18.14	18.07	18.04		
15	64QAM	36	39	18.03	18.10	18.13		
15	64QAM	75	0	18.29	18.21	18.17		
15	256QAM	1	0	16.15	16.26	16.16	17.5	5
15	256QAM	1	37	16.21	16.17	16.16		
15	256QAM	1	74	16.26	16.17	16.26		
15	256QAM	36	0	16.19	16.18	16.23	17.5	5
15	256QAM	36	20	16.27	16.27	16.22		
15	256QAM	36	39	16.19	16.23	16.26		
15	256QAM	75	0	16.15	16.14	16.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.13	21.29	21.23	22.5	0
10	QPSK	1	25	21.13	21.18	21.16		
10	QPSK	1	49	21.17	21.06	20.97		
10	QPSK	25	0	20.12	20.19	20.01	21.5	1
10	QPSK	25	12	20.17	20.12	20.01		
10	QPSK	25	25	20.22	19.98	20.17		
10	QPSK	50	0	20.05	20.21	20.19		
10	16QAM	1	0	20.40	20.48	20.42	21.5	1
10	16QAM	1	25	20.52	20.50	20.59		
10	16QAM	1	49	20.36	20.41	20.44		
10	16QAM	25	0	19.17	19.18	19.10	20.5	2
10	16QAM	25	12	19.05	19.29	19.24		
10	16QAM	25	25	19.22	19.21	19.30		
10	16QAM	50	0	19.29	19.26	19.37		
10	64QAM	1	0	19.39	19.38	19.29	20.5	2
10	64QAM	1	25	19.34	19.42	19.50		
10	64QAM	1	49	19.47	19.28	19.39		
10	64QAM	25	0	18.22	18.16	18.10	19.5	3
10	64QAM	25	12	18.16	18.06	18.07		
10	64QAM	25	25	18.06	18.17	18.12		
10	64QAM	50	0	18.24	18.14	18.20		
10	256QAM	1	0	16.11	16.27	16.15	17.5	5
10	256QAM	1	25	16.13	16.16	16.14		
10	256QAM	1	49	16.30	16.18	16.23		
10	256QAM	25	0	16.12	16.22	16.27	17.5	5
10	256QAM	25	12	16.29	16.31	16.24		
10	256QAM	25	25	16.24	16.29	16.28		
10	256QAM	50	0	16.13	16.13	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.21	21.20	21.14	22.5	0
5	QPSK	1	12	21.11	21.19	21.12		
5	QPSK	1	24	21.20	21.13	21.06		
5	QPSK	12	0	20.13	20.25	20.01	21.5	1
5	QPSK	12	7	20.11	20.14	20.04		
5	QPSK	12	13	20.16	20.05	20.13		
5	QPSK	25	0	20.04	20.17	20.20		
5	16QAM	1	0	20.45	20.49	20.39	21.5	1
5	16QAM	1	12	20.58	20.53	20.52		
5	16QAM	1	24	20.41	20.43	20.49		
5	16QAM	12	0	19.16	19.23	19.10	20.5	2
5	16QAM	12	7	19.09	19.26	19.29		
5	16QAM	12	13	19.17	19.15	19.27		
5	16QAM	25	0	19.29	19.19	19.33		
5	64QAM	1	0	19.46	19.36	19.34	20.5	2
5	64QAM	1	12	19.34	19.40	19.47		
5	64QAM	1	24	19.51	19.31	19.44		
5	64QAM	12	0	18.16	18.13	18.11	19.5	3
5	64QAM	12	7	18.17	18.09	18.06		
5	64QAM	12	13	18.00	18.15	18.15		
5	64QAM	25	0	18.29	18.13	18.21		
5	256QAM	1	0	16.12	16.28	16.22	17.5	5
5	256QAM	1	12	16.13	16.20	16.18		
5	256QAM	1	24	16.30	16.17	16.20		
5	256QAM	12	0	16.14	16.15	16.22	17.5	5
5	256QAM	12	7	16.26	16.28	16.16		
5	256QAM	12	13	16.26	16.28	16.26		
5	256QAM	25	0	16.12	16.13	16.13		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.16	21.26	21.17	22.5	0
3	QPSK	1	8	21.11	21.11	21.15		
3	QPSK	1	14	21.13	21.08	20.99		
3	QPSK	8	0	20.12	20.17	20.09	21.5	1
3	QPSK	8	4	20.17	20.19	19.96		
3	QPSK	8	7	20.21	20.02	20.15		
3	QPSK	15	0	20.04	20.16	20.13		
3	16QAM	1	0	20.42	20.47	20.38	21.5	1
3	16QAM	1	8	20.58	20.55	20.58		
3	16QAM	1	14	20.35	20.39	20.49		
3	16QAM	8	0	19.15	19.21	19.09	20.5	2
3	16QAM	8	4	19.10	19.28	19.27		
3	16QAM	8	7	19.18	19.16	19.28		
3	16QAM	15	0	19.36	19.21	19.29		
3	64QAM	1	0	19.45	19.40	19.33	20.5	2
3	64QAM	1	8	19.38	19.44	19.55		
3	64QAM	1	14	19.51	19.30	19.38		
3	64QAM	8	0	18.23	18.19	18.08	19.5	3
3	64QAM	8	4	18.09	18.07	18.04		
3	64QAM	8	7	18.00	18.12	18.15		
3	64QAM	15	0	18.27	18.17	18.15		
3	256QAM	1	0	16.12	16.25	16.23	17.5	5
3	256QAM	1	8	16.14	16.12	16.11		
3	256QAM	1	14	16.27	16.17	16.23		
3	256QAM	8	0	16.17	16.19	16.25	17.5	5
3	256QAM	8	4	16.27	16.34	16.16		
3	256QAM	8	7	16.17	16.22	16.24		
3	256QAM	15	0	16.14	16.19	16.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.20	21.22	21.19	22.5	0
1.4	QPSK	1	3	21.12	21.18	21.16		
1.4	QPSK	1	5	21.19	21.06	21.02		
1.4	QPSK	3	0	21.15	21.27	21.20		
1.4	QPSK	3	1	21.08	21.12	21.17		
1.4	QPSK	3	3	21.17	21.06	21.06		
1.4	QPSK	6	0	20.04	20.16	20.12	21.5	1
1.4	16QAM	1	0	20.40	20.52	20.34	21.5	1
1.4	16QAM	1	3	20.53	20.55	20.58		
1.4	16QAM	1	5	20.38	20.45	20.45		
1.4	16QAM	3	0	20.40	20.52	20.34		
1.4	16QAM	3	1	20.53	20.55	20.58		
1.4	16QAM	3	3	20.38	20.45	20.45		
1.4	16QAM	6	0	19.28	19.16	19.28	20.5	2
1.4	64QAM	1	0	19.45	19.39	19.24	20.5	2
1.4	64QAM	1	3	19.37	19.44	19.52		
1.4	64QAM	1	5	19.49	19.24	19.38		
1.4	64QAM	3	0	19.10	19.18	19.07		
1.4	64QAM	3	1	19.09	19.27	19.26		
1.4	64QAM	3	3	19.21	19.17	19.27		
1.4	64QAM	6	0	18.28	18.15	18.12	19.5	3
1.4	256QAM	1	0	16.15	16.22	16.21	17.5	5
1.4	256QAM	1	3	16.17	16.14	16.13		
1.4	256QAM	1	5	16.30	16.15	16.24		
1.4	256QAM	3	0	16.18	16.19	16.28		
1.4	256QAM	3	1	16.31	16.33	16.23		
1.4	256QAM	3	3	16.20	16.25	16.22		
1.4	256QAM	6	0	16.16	16.14	16.21	17.5	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.81	22.92	22.68	24	0
20	QPSK	1	49	22.68	22.87	22.55		
20	QPSK	1	99	22.76	22.89	22.43		
20	QPSK	50	0	21.64	21.89	21.63	23	1
20	QPSK	50	24	21.79	21.78	21.85		
20	QPSK	50	50	21.84	21.78	21.67		
20	QPSK	100	0	21.72	21.86	21.67		
20	16QAM	1	0	22.30	22.18	22.20	23	1
20	16QAM	1	49	22.30	22.14	22.07		
20	16QAM	1	99	22.23	22.09	22.31		
20	16QAM	50	0	20.87	20.87	20.75	22	2
20	16QAM	50	24	20.99	20.95	20.98		
20	16QAM	50	50	20.80	20.93	20.92		
20	16QAM	100	0	20.85	20.96	20.94		
20	64QAM	1	0	21.12	21.14	21.08	22	2
20	64QAM	1	49	21.19	21.21	21.17		
20	64QAM	1	99	21.23	21.09	21.07		
20	64QAM	50	0	19.99	19.87	19.88	21	3
20	64QAM	50	24	19.79	19.96	19.97		
20	64QAM	50	50	19.85	19.80	19.82		
20	64QAM	100	0	19.80	19.82	19.95		
20	256QAM	1	0	18.15	18.13	18.26	19	5
20	256QAM	1	49	18.05	18.21	18.20		
20	256QAM	1	99	18.04	18.19	18.02		
20	256QAM	50	0	18.02	18.01	18.01	19	5
20	256QAM	50	24	18.03	18.07	17.88		
20	256QAM	50	50	18.04	18.10	18.04		
20	256QAM	100	0	17.95	18.02	17.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.48	22.39	24	0
15	QPSK	1	37	22.35	22.44	22.23		
15	QPSK	1	74	22.25	22.26	22.34		
15	QPSK	36	0	21.21	21.35	21.24	23	1
15	QPSK	36	20	21.23	21.19	21.32		
15	QPSK	36	39	21.33	21.22	21.27		
15	QPSK	75	0	21.24	21.38	21.21		
15	16QAM	1	0	21.63	21.69	21.66	23	1
15	16QAM	1	37	21.72	21.78	21.65		
15	16QAM	1	74	21.78	21.73	21.63		
15	16QAM	36	0	20.33	20.44	20.44	22	2
15	16QAM	36

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BW [MHz]	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	21.48	21.51	21.29	22.5	0
20	QPSK	1	49	21.39	21.47	21.24		
20	QPSK	1	99	21.43	21.36	21.13		
20	QPSK	50	0	20.38	20.47	20.32	21.5	1
20	QPSK	50	24	20.20	20.45	20.45		
20	QPSK	50	50	20.38	20.27	20.42		
20	QPSK	100	0	20.32	20.39	20.29		
20	16QAM	1	0	20.44	20.54	20.47	21.5	1
20	16QAM	1	49	20.59	20.62	20.44		
20	16QAM	1	99	20.52	20.54	20.55		
20	16QAM	50	0	19.41	19.46	19.51	20.5	2
20	16QAM	50	24	19.49	19.51	19.57		
20	16QAM	50	50	19.58	19.44	19.47		
20	16QAM	100	0	19.38	19.43	19.50		
20	64QAM	1	0	19.08	19.15	19.08	20.5	2
20	64QAM	1	49	19.03	19.02	19.19		
20	64QAM	1	99	19.07	19.22	19.16		
20	64QAM	50	0	18.54	18.49	18.52	19.5	3
20	64QAM	50	24	18.42	18.51	18.47		
20	64QAM	50	50	18.62	18.54	18.53		
20	64QAM	100	0	18.50	18.42	18.33		
20	256QAM	1	0	16.33	16.36	16.34	17.5	5
20	256QAM	1	49	16.31	16.27	16.25		
20	256QAM	1	99	16.31	16.31	16.34		
20	256QAM	50	0	16.50	16.49	16.44	17.5	5
20	256QAM	50	24	16.51	16.41	16.59		
20	256QAM	50	50	16.61	16.52	16.41		
20	256QAM	100	0	16.27	16.39	16.27		
Channel				37725	38000	38275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.43	21.45	21.21	22.5	0
15	QPSK	1	37	21.29	21.38	21.12		
15	QPSK	1	74	21.33	21.28	21.05		
15	QPSK	36	0	20.30	20.41	20.22	21.5	1
15	QPSK	36	20	20.08	20.35	20.40		
15	QPSK	36	39	20.28	20.16	20.29		
15	QPSK	75	0	20.26	20.36	20.26		
15	16QAM	1	0	20.36	20.47	20.37	21.5	1
15	16QAM	1	37	20.47	20.54	20.36		
15	16QAM	1	74	20.47	20.41	20.44		
15	16QAM	36	0	19.29	19.40	19.48	20.5	2
15	16QAM	36	20	19.42	19.41	19.47		
15	16QAM	36	39	19.47	19.36	19.37		
15	16QAM	75	0	19.27	19.34	19.40		
15	64QAM	1	0	18.98	19.05	19.02	20.5	2
15	64QAM	1	37	18.93	18.93	19.12		
15	64QAM	1	74	19.02	19.16	19.06		
15	64QAM	36	0	18.41	18.43	18.43	19.5	3
15	64QAM	36	20	18.35	18.47	18.42		
15	64QAM	36	39	18.50	18.49	18.46		
15	64QAM	75	0	18.40	18.32	18.24		
15	256QAM	1	0	16.25	16.25	16.23	17.5	5
15	256QAM	1	37	16.26	16.21	16.14		
15	256QAM	1	74	16.22	16.22	16.23		
15	256QAM	36	0	16.38	16.42	16.39	17.5	5
15	256QAM	36	20	16.40	16.29	16.52		
15	256QAM	36	39	16.56	16.42	16.29		
15	256QAM	75	0	16.21	16.30	16.17		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.45	21.39	21.22	22.5	0
10	QPSK	1	25	21.33	21.39	21.21		
10	QPSK	1	49	21.33	21.31	21.07		
10	QPSK	25	0	20.32	20.34	20.27	21.5	1
10	QPSK	25	12	20.16	20.41	20.33		
10	QPSK	25	25	20.27	20.22	20.30		
10	QPSK	50	0	20.28	20.30	20.21		
10	16QAM	1	0	20.41	20.46	20.38	21.5	1
10	16QAM	1	25	20.55	20.50	20.33		
10	16QAM	1	49	20.42	20.48	20.50		
10	16QAM	25	0	19.37	19.40	19.46	20.5	2
10	16QAM	25	12	19.43	19.39	19.52		
10	16QAM	25	25	19.49	19.38	19.39		
10	16QAM	50	0	19.30	19.31	19.43		
10	64QAM	1	0	19.03	19.11	19.04	20.5	2
10	64QAM	1	25	18.98	18.98	19.11		
10	64QAM	1	49	19.02	19.10	19.06		
10	64QAM	25	0	18.41	18.42	18.39	19.5	3
10	64QAM	25	12	18.39	18.40	18.34		
10	64QAM	25	25	18.57	18.46	18.52		
10	64QAM	50	0	18.39	18.35	18.23		
10	256QAM	1	0	16.21	16.31	16.23	17.5	5
10	256QAM	1	25	16.18	16.14	16.21		
10	256QAM	1	49	16.24	16.23	16.24		
10	256QAM	25	0	16.42	16.44	16.35	17.5	5
10	256QAM	25	12	16.44	16.32	16.46		
10	256QAM	25	25	16.48	16.43	16.32		
10	256QAM	50	0	16.17	16.36	16.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.41	21.46	21.22	22.5	0
5	QPSK	1	12	21.35	21.36	21.13		
5	QPSK	1	24	21.32	21.26	21.09		
5	QPSK	12	0	20.32	20.39	20.20	21.5	1
5	QPSK	12	7	20.12	20.37	20.39		
5	QPSK	12	13	20.26	20.20	20.35		
5	QPSK	25	0	20.22	20.35	20.21		
5	16QAM	1	0	20.33	20.42	20.43	21.5	1
5	16QAM	1	12	20.53	20.53	20.33		
5	16QAM	1	24	20.47	20.46	20.50		
5	16QAM	12	0	19.36	19.41	19.42	20.5	2
5	16QAM	12	7	19.44	19.42	19.54		
5	16QAM	12	13	19.53	19.34	19.38		
5	16QAM	25	0	19.30	19.37	19.42		
5	64QAM	1	0	18.98	19.06	19.02	20.5	2
5	64QAM	1	12	18.96	18.98	19.12		
5	64QAM	1	24	19.00	19.12	19.08		
5	64QAM	12	0	18.44	18.44	18.40	19.5	3
5	64QAM	12	7	18.30	18.38	18.34		
5	64QAM	12	13	18.58	18.48	18.44		
5	64QAM	25	0	18.43	18.38	18.26		
5	256QAM	1	0	16.22	16.28	16.27	17.5	5
5	256QAM	1	12	16.27	16.22	16.13		
5	256QAM	1	24	16.23	16.21	16.25		
5	256QAM	12	0	16.45	16.38	16.41	17.5	5
5	256QAM	12	7	16.44	16.33	16.55		
5	256QAM	12	13	16.49	16.39	16.33		
5	256QAM	25	0	16.15	16.31	16.17		

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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	21.59	21.41	21.69	21.33	21.22	22.5	0
20	QPSK	1	49	21.29	21.31	21.58	21.26	21.26		
20	QPSK	1	99	21.22	21.32	21.62	21.29	21.21		
20	QPSK	50	0	20.33	20.38	20.53	20.35	20.39	21.5	1
20	QPSK	50	24	20.51	20.32	20.45	20.52	20.42		
20	QPSK	50	50	20.41	20.50	20.33	20.41	20.45		
20	QPSK	100	0	20.48	20.34	20.49	20.47	20.39		
20	16QAM	1	0	20.51	20.56	20.58	20.55	20.58	21.5	1
20	16QAM	1	49	20.67	20.46	20.46	20.57	20.45		
20	16QAM	1	99	20.69	20.60	20.52	20.51	20.57		
20	16QAM	50	0	19.46	19.59	19.52	19.61	19.53	20.5	2
20	16QAM	50	24	19.62	19.39	19.63	19.55	19.52		
20	16QAM	50	50	19.46	19.52	19.45	19.41	19.50		
20	16QAM	100	0	19.55	19.55	19.45	19.54	19.57		
20	64QAM	1	0	19.32	19.20	19.22	19.20	19.19	20.5	2
20	64QAM	1	49	19.24	19.20	19.24	19.28	19.28		
20	64QAM	1	99	19.22	19.10	19.23	19.25	19.22		
20	64QAM	50	0	18.45	18.51	18.51	18.52	18.53	19.5	3
20	64QAM	50	24	18.62	18.56	18.42	18.54	18.63		
20	64QAM	50	50	18.51	18.50	18.55	18.55	18.54		
20	64QAM	100	0	18.38	18.56	18.43	18.49	18.47		
20	256QAM	1	0	16.26	16.39	16.38	16.38	16.39	17.5	5
20	256QAM	1	49	16.41	16.35	16.49	16.48	16.29		
20	256QAM	1	99	16.34	16.42	16.43	16.41	16.32		
20	256QAM	50	0	16.64	16.56	16.53	16.50	16.63	17.5	5
20	256QAM	50	24	16.51	16.42	16.59	16.61	16.50		
20	256QAM	50	50	16.65	16.49	16.46	16.65	16.58		
20	256QAM	100	0	16.49	16.36	16.44	16.34	16.39		
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	21.55	21.33	21.62	21.20	21.17	23	0
15	QPSK	1	37	21.22	21.23	21.48	21.15	21.22		
15	QPSK	1	74	21.16	21.25	21.50	21.25	21.15		
15	QPSK	36	0	20.28	20.32	20.48	20.26	20.36	21.5	1
15	QPSK	36	20	20.42	20.21	20.32	20.47	20.38		
15	QPSK	36	39	20.36	20.46	20.28	20.37	20.38		
15	QPSK	75	0	20.41	20.23	20.45	20.35	20.35		
15	16QAM	1	0	20.45	20.49	20.47	20.46	20.52	21.5	1
15	16QAM	1	37	20.61	20.33	20.38	20.54	20.40		
15	16QAM	1	74	20.62	20.48	20.49	20.40	20.46		
15	16QAM	36	0	19.40	19.56	19.43	19.56	19.47	20.5	2
15	16QAM	36	20	19.54	19.27	19.55	19.46	19.46		
15	16QAM	36	39	19.35	19.43	19.41	19.35	19.37		
15	16QAM	75	0	19.49	19.43	19.42	19.45	19.51		
15	64QAM	1	0	19.26	19.13	19.10	19.13	19.16	20.5	2
15	64QAM	1	37	19.13	19.12	19.19	19.24	19.21		
15	64QAM	1	74	19.09	19.01	19.18	19.18	19.17		
15	64QAM	36	0	18.39	18.41	18.48	18.47	18.45	19.5	3
15	64QAM	36	20	18.51	18.44	18.32	18.49	18.59		
15	64QAM	36	39	18.38	18.41	18.49	18.49	18.44		
15	64QAM	75	0	18.31	18.48	18.33	18.40	18.34		
15	256QAM	1	0	16.16	16.28	16.26	16.34	16.30	17.5	5
15	256QAM	1	37	16.30	16.29	16.39	16.42	16.20		
15	256QAM	1	74	16.27	16.32	16.32	16.30	16.20		
15	256QAM	36	0	16.51	16.52	16.41	16.47	16.54	17.5	5
15	256QAM	36	20	16.44	16.31	16.55	16.53	16.41		
15	256QAM	36	39	16.53	16.44	16.42	16.58	16.51		
15	256QAM	75	0	16.45	16.30	16.35	16.22	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.51	21.31	21.56	21.22	21.13	23	0
10	QPSK	1	25	21.21	21.27	21.47	21.19	21.14		
10	QPSK	1	49	21.10	21.23	21.51	21.17	21.13		
10	QPSK	25	0	20.26	20.26	20.44	20.26	20.32	21.5	1
10	QPSK	25	12	20.44	20.25	20.42	20.40	20.29		
10	QPSK	25	25	20.37	20.39	20.29	20.37	20.35		
10	QPSK	50	0	20.37	20.28	20.38	20.36	20.27		
10	16QAM	1	0	20.42	20.50	20.54	20.47	20.53	21.5	1
10	16QAM	1	25	20.62	20.39	20.37	20.51	20.39		
10	16QAM	1	49	20.56	20.49	20.42	20.47	20.50		
10	16QAM	25	0	19.39	19.53	19.46	19.57	19.46	20.5	2
10	16QAM	25	12	19.53	19.36	19.52	19.46	19.46		
10	16QAM	25	25	19.40	19.48	19.34	19.36	19.45		
10	16QAM	50	0	19.49	19.51	19.33	19.44	19.48		
10	64QAM	1	0	19.14	19.15	19.19	19.08	19.13	20.5	2
10	64QAM	1	25	19.12	19.09	19.18	19.24	19.18		
10	64QAM	1	49	19.14	19.03	19.15	19.12	19.18		
10	64QAM	25	0	18.35	18.47	18.45	18.49	18.44	19.5	3
10	64QAM	25	12	18.51	18.45	18.33	18.51	18.58		
10	64QAM	25	25	18.41	18.43	18.43	18.50	18.47		
10	64QAM	50	0	18.34	18.47	18.39	18.45	18.36		
10	256QAM	1	0	16.19	16.32	16.32	16.29	16.31	17.5	5
10	256QAM	1	25	16.36	16.31	16.36	16.44	16.17		
10	256QAM	1	49	16.23	16.31	16.37	16.34	16.28		
10	256QAM	25	0	16.61	16.44	16.49	16.46	16.60	17.5	5
10	256QAM	25	12	16.48	16.32	16.53	16.49	16.43		
10	256QAM	25	25	16.56	16.46	16.37	16.54	16.54		
10	256QAM	50	0	16.46	16.27	16.37	16.25	16.34		
Channel				39675	40150	40625	41093	41568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.34	21.61	21.29	21.13	23	0
5	QPSK	1	12	21.21	21.22	21.50	21.16	21.22		
5	QPSK	1	24	21.19	21.19	21.53	21.17	21.11		
5	QPSK	12	0	20.27	20.32	20.48	20.26	20.27	21.5	1
5	QPSK	12	7	20.47	20.29	20.41	20.43	20.32		
5	QPSK	12	13	20.29	20.44	20.28	20.36	20.39		
5	QPSK	25	0	20.36	20.30	20.39	20.43	20.30		
5	16QAM	1	0	20.46	20.47	20.47	20.52	20.45	21.5	1
5	16QAM	1	12	20.59	20.34	20.33	20.48	20.33		
5	16QAM	1	24	20.65	20.50	20.49	20.40	20.50		
5	16QAM	12	0	19.41	19.51	19.45	19.55	19.46	20.5	2
5	16QAM	12	7	19.55	19.34	19.54	19.51	19.43		
5	16QAM	12	13	19.34	19.45	19.40	19.32	19.42		
5	16QAM	25	0	19.44	19.43	19.36	19.41	19.52		
5	64QAM	1	0	19.25	19.13	19.13	19.09	19.08	20.5	2
5	64QAM	1	12	19.18	19.10	19.14	19.17	19.18		
5	64QAM	1	24	19.11	19.03	19.17	19.18	19.15		
5	64QAM	12	0	18.41	18.47	18.46	18.49	18.41	19.5	3
5	64QAM	12	7	18.51	18.47	18.32	18.43	18.55		
5	64QAM	12	13	18.41	18.41	18.50	18.50	18.48		
5	64QAM	25	0	18.31	18.48	18.32	18.37	18.41		
5	256QAM	1	0	16.20	16.33	16.33	16.26	16.28	17.5	5
5	256QAM	1	12	16.37	16.29	16.37	16.36	16.17		
5	256QAM	1	24	16.23	16.38	16.31	16.30	16.23		
5	256QAM	12	0	16.60	16.48	16.49	16.39	16.51	17.5	5
5	256QAM	12	7	16.39	16.34	16.47	16.56	16.40		
5	256QAM	12	13	16.59	16.42	16.37	16.60	16.49		
5	256QAM	25	0	16.42	16.28	16.35	16.26	16.27		

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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	24.51	24.40	24.55	24.31	24.20	25.5	0
20	QPSK	1	49	24.23	24.21	24.46	24.34	24.42		
20	QPSK	1	99	24.43	24.35	24.43	24.13	24.45		
20	QPSK	50	0	23.27	23.39	23.51	23.26	23.48	24.5	1
20	QPSK	50	24	23.39	23.49	23.30	23.38	23.31		
20	QPSK	50	50	23.28	23.27	23.30	23.33	23.36		
20	QPSK	100	0	23.28	23.41	23.43	23.40	23.23		
20	16QAM	1	0	23.67	23.83	23.76	23.73	23.74	24.5	1
20	16QAM	1	49	23.83	23.73	23.89	23.82	23.69		
20	16QAM	1	99	23.68	23.68	23.77	23.85	23.75		
20	16QAM	50	0	22.61	22.42	22.49	22.43	22.43	23.5	2
20	16QAM	50	24	22.58	22.57	22.57	22.53	22.47		
20	16QAM	50	50	22.36	22.44	22.44	22.47	22.51		
20	16QAM	100	0	22.56	22.34	22.46	22.57	22.34		
20	64QAM	1	0	22.42	22.42	22.49	22.36	22.56	23.5	2
20	64QAM	1	49	22.55	22.47	22.61	22.52	22.50		
20	64QAM	1	99	22.55	22.57	22.62	22.38	22.49		
20	64QAM	50	0	21.64	21.43	21.52	21.41	21.39	22.5	3
20	64QAM	50	24	21.62	21.43	21.57	21.41	21.56		
20	64QAM	50	50	21.41	21.63	21.61	21.54	21.49		
20	64QAM	100	0	21.40	21.50	21.41	21.43	21.51		
20	256QAM	1	0	19.38	19.58	19.49	19.42	19.37	20.5	5
20	256QAM	1	49	19.48	19.40	19.38	19.56	19.51		
20	256QAM	1	99	19.47	19.44	19.44	19.52	19.51		
20	256QAM	50	0	19.45	19.44	19.52	19.45	19.48	20.5	5
20	256QAM	50	24	19.49	19.53	19.65	19.59	19.41		
20	256QAM	50	50	19.44	19.62	19.61	19.42	19.62		
20	256QAM	100	0	19.34	19.36	19.42	19.53	19.30		
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	24.44	24.29	24.48	24.20	24.13	26	0
15	QPSK	1	37	24.11	24.11	24.42	24.23	24.38		
15	QPSK	1	74	24.33	24.26	24.37	24.01	24.34		
15	QPSK	36	0	23.16	23.32	23.47	23.21	23.44	24.5	1
15	QPSK	36	20	23.33	23.38	23.21	23.32	23.21		
15	QPSK	36	39	23.24	23.24	23.17	23.26	23.25		
15	QPSK	75	0	23.19	23.36	23.31	23.33	23.19		
15	16QAM	1	0	23.59	23.76	23.70	23.67	23.63	24.5	1
15	16QAM	1	37	23.74	23.70	23.77	23.72	23.65		
15	16QAM	1	74	23.61	23.56	23.74	23.74	23.67		
15	16QAM	36	0	22.55	22.31	22.41	22.32	22.30	23.5	2
15	16QAM	36	20	22.48	22.47	22.52	22.47	22.40		
15	16QAM	36	39	22.30	22.32	22.41	22.44	22.43		
15	16QAM	75	0	22.51	22.23	22.37	22.52	22.22		
15	64QAM	1	0	22.30	22.34	22.41	22.32	22.46	23.5	2
15	64QAM	1	37	22.47	22.40	22.58	22.40	22.45		
15	64QAM	1	74	22.51	22.54	22.55	22.31	22.46		
15	64QAM	36	0	21.54	21.35	21.41	21.34	21.28	22.5	3
15	64QAM	36	20	21.51	21.36	21.47	21.30	21.50		
15	64QAM	36	39	21.34	21.57	21.57	21.44	21.38		
15	64QAM	75	0	21.34	21.46	21.37	21.34	21.42		
15	256QAM	1	0	19.28	19.51	19.43	19.34	19.29	20.5	5
15	256QAM	1	37	19.41	19.30	19.31	19.49	19.48		
15	256QAM	1	74	19.43	19.40	19.37	19.45	19.44		
15	256QAM	36	0	19.40	19.39	19.46	19.35	19.41	20.5	5
15	256QAM	36	20	19.36	19.46	19.57	19.49	19.29		
15	256QAM	36	39	19.34	19.53	19.55	19.35	19.59		
15	256QAM	75	0	19.24	19.27	19.37	19.44	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.39	24.34	24.44	24.25	24.16	26	0
10	QPSK	1	25	24.14	24.12	24.36	24.28	24.34		
10	QPSK	1	49	24.33	24.28	24.32	24.07	24.34		
10	QPSK	25	0	23.22	23.31	23.39	23.22	23.35	24.5	1
10	QPSK	25	12	23.36	23.36	23.19	23.28	23.27		
10	QPSK	25	25	23.20	23.20	23.19	23.22	23.29		
10	QPSK	50	0	23.16	23.31	23.39	23.36	23.19		
10	16QAM	1	0	23.58	23.72	23.66	23.63	23.63	24.5	1
10	16QAM	1	25	23.75	23.69	23.77	23.71	23.57		
10	16QAM	1	49	23.64	23.60	23.64	23.78	23.66		
10	16QAM	25	0	22.57	22.35	22.37	22.31	22.38	23.5	2
10	16QAM	25	12	22.52	22.51	22.47	22.46	22.42		
10	16QAM	25	25	22.30	22.41	22.37	22.40	22.43		
10	16QAM	50	0	22.47	22.24	22.34	22.52	22.22		
10	64QAM

GSM850 Ant1	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	31.45	31.57	31.52	33.00	22.45	22.57	22.52	24.00
GPRS 1 Tx slot	31.43	31.51	31.47	33.00	22.43	22.51	22.47	24.00
GPRS 2 Tx slots	28.45	28.52	28.44	29.50	22.45	22.52	22.44	23.50
GPRS 3 Tx slots	26.71	26.80	26.77	27.50	22.45	22.54	22.51	23.24
GPRS 4 Tx slots	25.64	25.77	25.73	27.00	22.64	22.77	22.73	24.00
EDGE 1 Tx slot	26.13	26.21	26.11	27.50	17.13	17.21	17.11	18.50
EDGE 2 Tx slots	24.86	24.94	24.88	26.00	18.86	18.94	18.88	20.00
EDGE 3 Tx slots	22.83	22.97	22.84	24.00	18.57	18.71	18.58	19.74
EDGE 4 Tx slots	21.57	21.61	21.54	22.50	18.57	18.61	18.54	19.50

GSM1900 Ant1	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	28.83	28.95	28.85	30.50	19.83	19.95	19.85	21.50
GPRS 1 Tx slot	28.77	28.86	28.79	30.50	19.77	19.86	19.79	21.50
GPRS 2 Tx slots	25.82	25.88	25.77	26.50	19.82	19.88	19.77	20.50
GPRS 3 Tx slots	24.00	24.13	24.01	25.00	19.74	19.87	19.75	20.74
GPRS 4 Tx slots	22.77	22.86	22.82	24.50	19.77	19.86	19.82	21.50
EDGE 1 Tx slot	24.69	24.83	24.69	26.00	15.69	15.83	15.69	17.00
EDGE 2 Tx slots	23.44	23.53	23.49	24.50	17.44	17.53	17.49	18.50
EDGE 3 Tx slots	20.81	20.93	20.89	22.00	16.55	16.67	16.63	17.74
EDGE 4 Tx slots	19.49	19.59	19.49	20.50	16.49	16.59	16.49	17.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			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	21.08	21.16	21.15	22.00	21.11	21.12	21.06	22.00	21.68	21.72	21.67	23.00
3GPP Rel 99	RMC 12.2Kbps	21.11	21.18	21.17	22.00	21.13	21.14	21.08	22.00	21.71	21.74	21.69	23.00
3GPP Rel 6	HSDPA Subtest-1	20.04	19.94	20.21	21.00	20.18	19.92	20.03	21.00	20.47	20.63	20.68	22.00
3GPP Rel 6	HSDPA Subtest-2	20.11	20.20	20.07	21.00	19.92	20.00	19.98	21.00	20.47	20.56	20.47	22.00
3GPP Rel 6	HSDPA Subtest-3	19.50	19.67	19.46	20.50	19.41	19.45	19.33	20.50	20.05	20.28	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	19.43	19.57	19.67	20.50	19.63	19.54	19.36	20.50	20.25	20.11	20.13	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.10	20.17	20.03	21.00	20.02	20.12	20.05	21.00	20.74	20.75	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.87	20.00	20.11	21.00	19.90	20.02	20.07	21.00	20.47	20.59	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.35	19.50	19.56	20.50	19.54	19.36	19.43	20.50	20.01	20.04	20.02	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.63	19.65	19.59	20.50	19.54	19.70	19.57	20.50	20.07	20.22	20.25	21.50
3GPP Rel 6	HSUPA Subtest-1	20.02	20.20	20.03	21.00	20.16	20.17	20.02	21.00	20.46	20.73	20.48	22.00
3GPP Rel 6	HSUPA Subtest-2	17.97	18.13	17.94	19.00	17.99	18.08	17.94	19.00	18.64	18.63	18.67	20.00
3GPP Rel 6	HSUPA Subtest-3	19.03	19.15	19.11	20.00	19.14	18.94	18.86	20.00	19.60	19.62	19.60	21.00
3GPP Rel 6	HSUPA Subtest-4	17.98	17.94	17.96	19.00	17.88	18.14	18.06	19.00	18.47	18.56	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	20.05	20.21	20.02	21.00	20.14	20.07	19.97	21.00	20.70	20.65	20.71	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.38	17.55	17.50	18.50	17.47	17.48	17.45	18.50	18.14	18.18	17.98	19.50

Band 2 Ant1

BW [MHz]	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	21.65	21.67	21.62	23	0
20	QPSK	1	49	21.49	21.49	21.41		
20	QPSK	1	99	21.51	21.65	21.46		
20	QPSK	50	0	20.57	20.60	20.51	22	1
20	QPSK	50	24	20.50	20.54	20.44		
20	QPSK	50	50	20.37	20.52	20.56		
20	QPSK	100	0	20.50	20.55	20.43		
20	16QAM	1	0	20.84	20.73	20.65	22	1
20	16QAM	1	49	20.83	20.70	20.72		
20	16QAM	1	99	20.69	20.61	20.80		
20	16QAM	50	0	19.68	19.61	19.67	21	2
20	16QAM	50	24	19.60	19.65	19.48		
20	16QAM	50	50	19.50	19.50	19.50		
20	16QAM	100	0	19.55	19.59	19.48		
20	64QAM	1	0	19.61	19.68	19.58	21	2
20	64QAM	1	49	19.79	19.69	19.62		
20	64QAM	1	99	19.57	19.71	19.71		
20	64QAM	50	0	18.53	18.54	18.42	20	3
20	64QAM	50	24	18.49	18.59	18.62		
20	64QAM	50	50	18.52	18.57	18.65		
20	64QAM	100	0	18.48	18.60	18.55		
20	256QAM	1	0	16.74	16.64	16.74	18	5
20	256QAM	1	49	16.70	16.70	16.58		
20	256QAM	1	99	16.68	16.64	16.51		
20	256QAM	50	0	16.64	16.60	16.61	18	5
20	256QAM	50	24	16.58	16.50	16.55		
20	256QAM	50	50	16.69	16.69	16.55		
20	256QAM	100	0	16.47	16.57	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.62	21.62	21.55	23	0
15	QPSK	1	37	21.43	21.43	21.31		
15	QPSK	1	74	21.43	21.59	21.34		
15	QPSK	36	0	20.51	20.47	20.47	22	1
15	QPSK	36	20	20.44	20.45	20.40		
15	QPSK	36	39	20.25	20.45	20.46		
15	QPSK	75	0	20.45	20.48	20.31		
15	16QAM	1	0	20.81	20.67	20.52	22	1
15	16QAM	1	37	20.76	20.64	20.64		
15	16QAM	1	74	20.58	20.55	20.74		
15	16QAM	36	0	19.59	19.52	19.62	21	2
15	16QAM	36	20	19.50	19.56	19.42		
15	16QAM	36	39	19.45	19.40	19.47		
15	16QAM	75	0	19.46	19.47	19.37		
15	64QAM	1	0	19.55	19.64	19.54	21	2
15	64QAM	1	37	19.71	19.66	19.49		
15	64QAM	1	74	19.46	19.66	19.60		
15	64QAM	36	0	18.44	18.44	18.30	20	3
15	64QAM	36	20	18.38	18.53	18.49		
15	64QAM	36	39	18.48	18.50	18.57		
15	64QAM	75	0	18.42	18.54	18.44		
15	256QAM	1	0	16.68	16.55	16.65	18	5
15	256QAM	1	37	16.61	16.58	16.55		
15	256QAM	1	74	16.61	16.59	16.42		
15	256QAM	36	0	16.58	16.53	16.56	18	5
15	256QAM	36	20	16.54	16.37	16.42		
15	256QAM	36	39	16.61	16.57	16.47		
15	256QAM	75	0	16.38	16.46	16.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.54	21.58	21.49	23	0
10	QPSK	1	25	21.39	21.43	21.34		
10	QPSK	1	49	21.47	21.58	21.37		
10	QPSK	25	0	20.51	20.55	20.42	22	1
10	QPSK	25	12	20.46	20.48	20.38		
10	QPSK	25	25	20.31	20.45	20.45		
10	QPSK	50	0	20.43	20.46	20.32		
10	16QAM	1	0	20.73	20.64	20.54	22	1
10	16QAM	1	25	20.78	20.64	20.69		
10	16QAM	1	49	20.57	20.57	20.73		
10	16QAM	25	0	19.62	19.56	19.55	21	2
10	16QAM	25	12	19.56	19.56	19.41		
10	16QAM	25	25	19.44	19.41	19.39		
10	16QAM	50	0	19.44	19.52	19.40		
10	64QAM	1	0	19.50	19.62	19.48	21	2
10	64QAM	1	25	19.73	19.57	19.54		
10	64QAM	1	49	19.46	19.61	19.62		
10	64QAM	25	0	18.41	18.47	18.31	20	3
10	64QAM	25	12	18.43	18.54	18.55		
10	64QAM	25	25	18.45	18.51	18.57		
10	64QAM	50	0	18.43	18.48	18.45		
10	256QAM	1	0	16.69	16.61	16.63	18	5
10	256QAM	1	25	16.66	16.67	16.45		
10	256QAM	1	49	16.58	16.57	16.40		
10	256QAM	25	0	16.53	16.56	16.53	18	5
10	256QAM	25	12	16.48	16.41	16.46		
10	256QAM	25	25	16.60	16.66	16.45		
10	256QAM	50	0	16.36	16.52	16.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.55	21.55	21.56	23	0
5	QPSK	1	12	21.38	21.42	21.32		
5	QPSK	1	24	21.43	21.57	21.40		
5	QPSK	12	0	20.47	20.49	20.39	22	1
5	QPSK	12	7	20.47	20.44	20.35		
5	QPSK	12	13	20.25	20.47	20.48		
5	QPSK	25	0	20.41	20.48	20.38		
5	16QAM	1	0	20.79	20.63	20.55	22	1
5	16QAM	1	12	20.78	20.64	20.63		
5	16QAM	1	24	20.66	20.49	20.71		
5	16QAM	12	0	19.63	19.58	19.61	21	2
5	16QAM	12	7	19.48	19.52	19.39		
5	16QAM	12	13	19.43	19.38	19.44		
5	16QAM	25	0	19.45	19.54	19.37		
5	64QAM	1	0	19.49	19.64	19.53	21	2
5	64QAM	1	12	19.75	19.60	19.50		
5	64QAM	1	24	19.53	19.59	19.60		
5	64QAM	12	0	18.47	18.42	18.34	20	3
5	64QAM	12	7	18.36	18.54	18.54		
5	64QAM	12	13	18.45	18.52	18.56		
5	64QAM	25	0	18.41	18.48	18.48		
5	256QAM	1	0	16.66	16.52	16.69	18	5
5	256QAM	1	12	16.63	16.66	16.47		
5	256QAM	1	24	16.55	16.51	16.40		
5	256QAM	12	0	16.58	16.50	16.53	18	5
5	256QAM	12	7	16.47	16.46	16.44		
5	256QAM	12	13	16.62	16.62	16.44		
5	256QAM	25	0	16.43	16.50	16.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.60	21.64	21.57	23	0
3	QPSK	1	8	21.44	21.45	21.30		
3	QPSK	1	14	21.38	21.56	21.38		
3	QPSK	8	0	20.46	20.56	20.44	22	1
3	QPSK	8	4	20.46	20.43	20.39		
3	QPSK	8	7	20.26	20.46	20.43		
3	QPSK	15	0	20.46	20.44	20.35		
3	16QAM	1	0	20.79	20.60	20.54	22	1
3	16QAM	1	8	20.74	20.62	20.60		
3	16QAM	1	14	20.64	20.57	20.75		
3	16QAM	8	0	19.60	19.52	19.55	21	2
3	16QAM	8	4	19.55	19.58	19.37		
3	16QAM	8	7	19.39	19.40	19.44		
3	16QAM	15	0	19.48	19.46	19.44		
3	64QAM	1	0	19.52	19.57	19.49	21	2
3	64QAM	1	8	19.66	19.65	19.55		
3	64QAM	1	14	19.49	19.63	19.67		
3	64QAM	8	0	18.44	18.47	18.33	20	3
3	64QAM	8	4	18.44	18.49	18.54		
3	64QAM	8	7	18.41	18.49	18.59		
3	64QAM	15	0	18.38	18.52	18.47		
3	256QAM	1	0	16.68	16.58	16.70	18	5
3	256QAM	1	8	16.65	16.60	16.52		
3	256QAM	1	14	16.60	16.59	16.46		
3	256QAM	8	0	16.55	16.55	16.49	18	5
3	256QAM	8	4	16.45	16.37	16.46		
3	256QAM	8	7	16.59	16.61	16.46		
3	256QAM	15	0	16.41	16.51	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.56	21.56	21.52	23	0
1.4	QPSK	1	3	21.43	21.44	21.35		
1.4	QPSK	1	5	21.46	21.54	21.38		
1.4	QPSK	3	0	21.56	21.56	21.52		
1.4	QPSK	3	1	21.43	21.44	21.35		
1.4	QPSK	3	3	21.46	21.54	21.38		
1.4	QPSK	6	0	20.39	20.52	20.35	22	1
1.4	16QAM	1	0	20.76	20.67	20.57	22	1
1.4	16QAM	1	3	20.76	20.60	20.69		
1.4	16QAM	1	5	20.60	20.54	20.77		
1.4	16QAM	3	0	20.39	20.52	20.35		
1.4	16QAM	3	1	20.76	20.67	20.57		
1.4	16QAM	3	3	20.76	20.60	20.69		
1.4	16QAM	6	0	20.60	20.54	20.77	21	2
1.4	64QAM	1	0	19.55	19.62	19.51	21	2
1.4	64QAM	1	3	19.73	19.56	19.59		
1.4	64QAM	1	5	19.50	19.59	19.62		
1.4	64QAM	3	0	19.55	19.62	19.51		
1.4	64QAM	3	1	19.73	19.56	19.59		
1.4	64QAM	3	3	19.50	19.59	19.62		
1.4	64QAM	6	0	18.43	18.49	18.43	20	3
1.4	256QAM	1	0	16.62	16.57	16.64	18	5
1.4	256QAM	1	3	16.64	16.66	16.49		
1.4	256QAM	1	5	16.62	16.53	16.47		
1.4	256QAM	3	0	16.53	16.55	16.57		
1.4	256QAM	3	1	16.50	16.42	16.42		
1.4	256QAM	3	3	16.62	16.63	16.49		
1.4	256QAM	6	0	16.44	16.48	16.41	18	5

Band 4 Ant1

BW [MHz]	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	21.74	21.84	21.80	23	0
20	QPSK	1	49	21.78	21.82	21.76		
20	QPSK	1	99	21.69	21.77	21.74		
20	QPSK	50	0	20.89	20.90	20.68	22	1
20	QPSK	50	24	20.74	20.88	20.87		
20	QPSK	50	50	20.68	20.79	20.80		
20	QPSK	100	0	20.70	20.84	20.66		
20	16QAM	1	0	20.89	20.83	20.92	22	1
20	16QAM	1	49	20.93	20.79	20.78		
20	16QAM	1	99	20.76	20.87	20.94		
20	16QAM	50	0	19.82	19.83	19.86	21	2
20	16QAM	50	24	19.81	19.92	19.81		
20	16QAM	50	50	19.95	19.79	19.92		
20	16QAM	100	0	19.86	19.80	19.93		
20	64QAM	1	0	19.80	19.84	19.82	21	2
20	64QAM	1	49	19.72	19.73	19.92		
20	64QAM	1	99	19.91	19.91	19.83		
20	64QAM	50	0	18.76	18.88	18.80	20	3
20	64QAM	50	24	18.80	18.88	18.82		
20	64QAM	50	50	18.90	18.75	18.80		
20	64QAM	100	0	18.85	18.85	18.79		
20	256QAM	1	0	16.96	16.86	16.80	18	5
20	256QAM	1	49	16.74	16.94	16.76		
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84	18	5
20	256QAM	50	24	16.92	16.96	16.77		
20	256QAM	50	50	16.76	16.86	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.52	21.56	21.54	23	0
15	QPSK	1	37	21.45	21.37	21.29		
15	QPSK	1	74	21.43	21.59	21.37		
15	QPSK	36	0	20.51	20.49	20.45	22	1
15	QPSK	36	20	20.40	20.50	20.38		
15	QPSK	36	39	20.30	20.48	20.48		
15	QPSK	75	0	20.37	20.49	20.30		
15	16QAM	1	0	20.81	20.63	20.60	22	1
15	16QAM	1	37	20.74	20.61	20.66		
15	16QAM	1	74	20.64	20.54	20.68		
15	16QAM	36	0	19.62	19.57	19.59	21	2
15	16QAM	36	20	19.54	19.55	19.38		
15	16QAM	36	39	19.45	19.45	19.46		
15	16QAM	75	0	19.44	19.55	19.41		
15	64QAM	1	0	19.57	19.57	19.54	21	2
15	64QAM	1	37	19.72	19.61	19.56		
15	64QAM	1	74	19.50	19.61	19.64		
15	64QAM	36	0	18.45	18.47	18.35	20	3
15	64QAM	36	20	18.38	18.46	18.50		
15	64QAM	36	39	18.47	18.50	18.55		
15	64QAM	75	0	18.39	18.47	18.50		
15	256QAM	1	0	16.65	16.54	16.66	18	5
15	256QAM	1	37	16.64	16.58	16.50		
15	256QAM	1	74	16.60	16.55	16.46		
15	256QAM	36	0	16.59	16.52	16.56	18	5
15	256QAM	36	20	16.49	16.39	16.46		
15	256QAM	36	39	16.63	16.59	16.44		
15	256QAM	75	0	16.41	16.51	16.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.57	21.63	21.51	23	0
10	QPSK	1	25	21.38	21.43	21.37		
10	QPSK	1	49	21.46	21.54	21.33		
10	QPSK	25	0	20.46	20.55	20.42	22	1
10	QPSK	25	12	20.44	20.42	20.40		
10	QPSK	25	25	20.26	20.41	20.49		
10	QPSK	50	0	20.47	20.51	20.35		
10	16QAM	1	0	20.76	20.61	20.62	22	1
10	16QAM	1	25	20.72	20.66	20.67		
10	16QAM	1	49	20.58	20.58	20.73		
10	16QAM	25	0	19.58	19.56	19.58	21	2
10	16QAM	25	12	19.53	19.58	19.36		
10	16QAM	25	25	19.47	19.38	19.40		
10	16QAM	50	0	19.49	19.55	19.42		
10	64QAM	1	0	19.56	19.65	19.47	21	2
10	64QAM	1	25	19.71	19.61	19.57		
10	64QAM	1	49	19.51	19.61	19.60		
10	64QAM	25	0	18.45	18.44	18.30	20	3
10	64QAM	25	12	18.39	18.47	18.57		
10	64QAM	25	25	18.47	18.48	18.61		
10	64QAM	50	0	18.42	18.56	18.44		
10	256QAM	1	0	16.66	16.53	16.69	18	5
10	256QAM	1	25	16.58	16.60	16.51		
10	256QAM	1	49	16.60	16.53	16.40		
10	256QAM	25	0	16.61	16.54	16.57	18	5
10	256QAM	25	12	16.54	16.41	16.47		
10	256QAM	25	25	16.62	16.65	16.48		
10	256QAM	50	0	16.39	16.50	16.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.58	21.54	21.54	23	0
5	QPSK	1	12	21.36	21.40	21.34		
5	QPSK	1	24	21.42	21.55	21.40		
5	QPSK	12	0	20.52	20.49	20.44	22	1
5	QPSK	12	7	20.38	20.49	20.33		
5	QPSK	12	13	20.32	20.45	20.51		
5	QPSK	25	0	20.42	20.50	20.31		
5	16QAM	1	0	20.72	20.70	20.56	22	1
5	16QAM	1	12	20.73	20.61	20.67		
5	16QAM	1	24	20.60	20.49	20.69		
5	16QAM	12	0	19.60	19.54	19.54	21	2
5	16QAM	12	7	19.54	19.61	19.42		
5	16QAM	12	13	19.43	19.45	19.46		
5	16QAM	25	0	19.42	19.46	19.37		
5	64QAM	1	0	19.52	19.64	19.48	21	2
5	64QAM	1	12	19.73	19.63	19.57		
5	64QAM	1	24	19.52	19.60	19.68		
5	64QAM	12	0	18.49	18.43	18.37	20	3
5	64QAM	12	7	18.41	18.52	18.50		
5	64QAM	12	13	18.48	18.45	18.61		
5	64QAM	25	0	18.39	18.48	18.43		
5	256QAM	1	0	16.61	16.55	16.64	18	5
5	256QAM	1	12	16.57	16.63	16.47		
5	256QAM	1	24	16.58	16.52	16.41		
5	256QAM	12	0	16.59	16.48	16.54	18	5
5	256QAM	12	7	16.46	16.41	16.52		
5	256QAM	12	13	16.64	16.65	16.49		
5	256QAM	25	0	16.43	16.51	16.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.60	21.61	21.49	23	0
3	QPSK	1	8	21.41	21.36	21.36		
3	QPSK	1	14	21.40	21.60	21.40		
3	QPSK	8	0	20.47	20.55	20.40	22	1
3	QPSK	8	4	20.44	20.50	20.38		
3	QPSK	8	7	20.33	20.47	20.50		
3	QPSK	15	0	20.41	20.51	20.36		
3	16QAM	1	0	20.78	20.70	20.52	22	1
3	16QAM	1	8	20.72	20.61	20.60		
3	16QAM	1	14	20.61	20.54	20.76		
3	16QAM	8	0	19.56	19.55	19.57	21	2
3	16QAM	8	4	19.48	19.58	19.40		
3	16QAM	8	7	19.42	19.47	19.43		
3	16QAM	15	0	19.46	19.51	19.39		
3	64QAM	1	0	19.54	19.57	19.51	21	2
3	64QAM	1	8	19.74	19.61	19.54		
3	64QAM	1	14	19.44	19.65	19.62		
3	64QAM	8	0	18.49	18.48	18.38	20	3
3	64QAM	8	4	18.41	18.51	18.53		
3	64QAM	8	7	18.44	18.51	18.61		
3	64QAM	15	0	18.40	18.53	18.46		
3	256QAM	1	0	16.70	16.57	16.65	18	5
3	256QAM	1	8	16.64	16.62	16.53		
3	256QAM	1	14	16.56	16.57	16.46		
3	256QAM	8	0	16.58	16.51	16.52	18	5
3	256QAM	8	4	16.47	16.38	16.44		
3	256QAM	8	7	16.59	16.62	16.45		
3	256QAM	15	0	16.38	16.49	16.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.50	21.46	21.42	23	0
1.4	QPSK	1	3	21.37	21.34	21.23		
1.4	QPSK	1	5	21.34	21.49	21.33		
1.4	QPSK	3	0	21.52	21.51	21.40		
1.4	QPSK	3	1	21.35	21.32	21.28		
1.4	QPSK	3	3	21.39	21.45	21.29		
1.4	QPSK	6	0	20.27	20.47	20.28	22	1
1.4	16QAM	1	0	20.70	20.61	20.48	22	1
1.4	16QAM	1	3	20.72	20.56	20.63		
1.4	16QAM	1	5	20.49	20.42	20.72		
1.4	16QAM	3	0	20.27	20.44	20.31		
1.4	16QAM	3	1	20.73	20.60	20.45		
1.4	16QAM	3	3	20.72	20.54	20.60		
1.4	16QAM	6	0	20.55	20.42	20.67	21	2
1.4	64QAM	1	0	19.48	19.54	19.47	21	2
1.4	64QAM	1	3	19.62	19.50	19.54		
1.4	64QAM	1	5	19.46	19.51	19.52		
1.4	64QAM	3	0	19.47	19.53	19.47		
1.4	64QAM	3	1	19.65	19.43	19.50		
1.4	64QAM	3	3	19.44	19.53	19.54		
1.4	64QAM	6	0	18.38	18.44	18.33	20	3
1.4	256QAM	1	0	16.57	16.53	16.52	18	5
1.4	256QAM	1	3	16.60	16.57	16.42		
1.4	256QAM	1	5	16.58	16.44	16.42		
1.4	256QAM	3	0	16.40	16.47	16.47		
1.4	256QAM	3	1	16.38	16.31	16.36		
1.4	256QAM	3	3	16.57	16.54	16.41		
1.4	256QAM	6	0	16.34	16.37	16.37	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	21.79	21.83	21.76	23	0
10	QPSK	1	25	21.74	21.76	21.62		
10	QPSK	1	49	21.69	21.68	21.69		
10	QPSK	25	0	20.67	20.78	20.66	22	1
10	QPSK	25	12	20.72	20.61	20.70		
10	QPSK	25	25	20.62	20.57	20.59		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.83	20.81	20.83	22	1
10	16QAM	1	25	20.76	20.81	20.75		
10	16QAM	1	49	20.72	20.78	20.70		
10	16QAM	25	0	19.74	19.70	19.72	21	2
10	16QAM	25	12	19.65	19.65	19.61		
10	16QAM	25	25	19.72	19.79	19.64		
10	16QAM	50	0	19.78	19.72	19.82		
10	64QAM	1	0	19.83	19.75	19.82	21	2
10	64QAM	1	25	19.86	19.68	19.81		
10	64QAM	1	49	19.81	19.88	19.86		
10	64QAM	25	0	18.70	18.69	18.63	20	3
10	64QAM	25	12	18.66	18.57	18.66		
10	64QAM	25	25	18.76	18.59	18.73		
10	64QAM	50	0	18.80	18.72	18.84		
10	256QAM	1	0	16.80	16.84	16.72	18	5
10	256QAM	1	25	16.95	16.93	16.87		
10	256QAM	1	49	16.90	16.84	16.96		
10	256QAM	25	0	16.81	16.78	16.82	18	5
10	256QAM	25	12	16.83	16.76	16.81		
10	256QAM	25	25	16.91	16.84	16.74		
10	256QAM	50	0	16.95	16.82	16.78		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.68	21.79	21.71	23	0
5	QPSK	1	12	21.71	21.67	21.58		
5	QPSK	1	24	21.63	21.57	21.63		
5	QPSK	12	0	20.63	20.72	20.63	22	1
5	QPSK	12	7	20.68	20.50	20.59		
5	QPSK	12	13	20.58	20.45	20.53		
5	QPSK	25	0	20.56	20.62	20.62		
5	16QAM	1	0	20.70	20.74	20.71	22	1
5	16QAM	1	12	20.66	20.71	20.71		
5	16QAM	1	24	20.65	20.69	20.65		
5	16QAM	12	0	19.62	19.59	19.68	21	2
5	16QAM	12	7	19.52	19.55	19.58		
5	16QAM	12	13	19.60	19.68	19.57		
5	16QAM	25	0	19.66	19.62	19.78		
5	64QAM	1	0	19.73	19.70	19.78	21	2
5	64QAM	1	12	19.77	19.61	19.71		
5	64QAM	1	24	19.73	19.77	19.77		
5	64QAM	12	0	18.63	18.56	18.54	20	3
5	64QAM	12	7	18.56	18.48	18.55		
5	64QAM	12	13	18.72	18.53	18.62		
5	64QAM	25	0	18.72	18.67	18.79		
5	256QAM	1	0	16.75	16.77	16.66	18	5
5	256QAM	1	12	16.82	16.87	16.79		
5	256QAM	1	24	16.85	16.76	16.89		
5	256QAM	12	0	16.68	16.73	16.74	18	5
5	256QAM	12	7	16.79	16.67	16.70		
5	256QAM	12	13	16.84	16.79	16.69		
5	256QAM	25	0	16.89	16.72	16.75		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.74	21.71	21.70	23	0
3	QPSK	1	8	21.61	21.70	21.56		
3	QPSK	1	14	21.62	21.62	21.62		
3	QPSK	8	0	20.62	20.71	20.54	22	1
3	QPSK	8	4	20.67	20.49	20.64		
3	QPSK	8	7	20.51	20.45	20.53		
3	QPSK	15	0	20.53	20.66	20.58		
3	16QAM	1	0	20.72	20.77	20.72	22	1
3	16QAM	1	8	20.65	20.70	20.66		
3	16QAM	1	14	20.62	20.67	20.64		
3	16QAM	8	0	19.66	19.67	19.62	21	2
3	16QAM	8	4	19.52	19.57	19.58		
3	16QAM	8	7	19.60	19.71	19.54		
3	16QAM	15	0	19.75	19.68	19.75		
3	64QAM	1	0	19.79	19.70	19.75	21	2
3	64QAM	1	8	19.80	19.62	19.69		
3	64QAM	1	14	19.76	19.80	19.76		
3	64QAM	8	0	18.62	18.65	18.50	20	3
3	64QAM	8	4	18.57	18.48	18.61		
3	64QAM	8	7	18.65	18.52	18.69		
3	64QAM	15	0	18.73	18.68	18.75		
3	256QAM	1	0	16.75	16.75	16.59	18	5
3	256QAM	1	8	16.82	16.87	16.80		
3	256QAM	1	14	16.84	16.79	16.90		
3	256QAM	8	0	16.72	16.70	16.72	18	5
3	256QAM	8	4	16.77	16.71	16.75		
3	256QAM	8	7	16.85	16.78	16.63		
3	256QAM	15	0	16.86	16.71	16.73		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.41	21.41	21.29	23	0
1.4	QPSK	1	3	21.29	21.26	21.18		
1.4	QPSK	1	5	21.29	21.38	21.24		
1.4	QPSK	3	0	21.45	21.48	21.29		
1.4	QPSK	3	1	21.31	21.20	21.17		
1.4	QPSK	3	3	21.29	21.36	21.20		
1.4	QPSK	6	0	20.19	20.36	20.20	22	1
1.4	16QAM	1	0	20.66	20.53	20.37	22	1
1.4	16QAM	1	3	20.63	20.51	20.57		
1.4	16QAM	1	5	20.41	20.30	20.60		
1.4	16QAM	3	0	20.23	20.33	20.27		
1.4	16QAM	3	1	20.67	20.47	20.35		
1.4	16QAM	3	3	20.69	20.44	20.52		
1.4	16QAM	6	0	20.52	20.32	20.63	21	2
1.4	64QAM	1	0	19.44	19.50	19.37	21	2
1.4	64QAM	1	3	19.52	19.45	19.46		
1.4	64QAM	1	5	19.36	19.45	19.49		
1.4	64QAM	3	0	19.35	19.46	19.44		
1.4	64QAM	3	1	19.57	19.40	19.43		
1.4	64QAM	3	3	19.39	19.41	19.43		
1.4	64QAM	6	0	18.31	18.38	18.26	20	3
1.4	256QAM	1	0	16.50	16.44	16.48	18	5
1.4	256QAM	1	3	16.51	16.44	16.37		
1.4	256QAM	1	5	16.48	16.37	16.38		
1.4	256QAM	3	0	16.33	16.41	16.36		
1.4	256QAM	3	1	16.31	16.24	16.28		
1.4	256QAM	3	3	16.46	16.47	16.31		
1.4	256QAM	6	0	16.25	16.28	16.33	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.83	21.85	21.72	23	0
20	QPSK	1	49	21.69	21.79	21.57		
20	QPSK	1	99	21.77	21.78	21.53		
20	QPSK	50	0	20.68	20.88	20.72	22	1
20	QPSK	50	24	20.71	20.79	20.70		
20	QPSK	50	50	20.76	20.80	20.86		
20	QPSK	100	0	20.71	20.84	20.72		
20	16QAM	1	0	20.86	20.92	20.95	22	1
20	16QAM	1	49	21.00	21.05	20.92		
20	16QAM	1	99	20.83	20.86	20.93		
20	16QAM	50	0	19.80	19.85	19.85	21	2
20	16QAM	50	24	19.80	19.86	19.85		
20	16QAM	50	50	19.97	19.72	19.91		
20	16QAM	100	0	19.87	19.88	19.93		
20	64QAM	1	0	20.01	19.89	19.97	21	2
20	64QAM	1	49	19.84	19.77	19.87		
20	64QAM	1	99	19.95	19.81	20.01		
20	64QAM	50	0	18.98	18.86	18.81	20	3
20	64QAM	50	24	18.77	18.97	18.82		
20	64QAM	50	50	18.80	18.74	18.79		
20	64QAM	100	0	18.70	18.83	18.84		
20	256QAM	1	0	16.79	16.84	16.72	18	5
20	256QAM	1	49	16.74	16.87	16.72		
20	256QAM	1	99	16.86	16.87	16.92		
20	256QAM	50	0	16.88	16.82	16.92	18	5
20	256QAM	50	24	16.76	16.83	16.71		
20	256QAM	50	50	16.82	16.80	16.83		
20	256QAM	100	0	16.94	16.86	16.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.80	21.73	21.64	23	0
15	QPSK	1	37	21.61	21.73	21.50		
15	QPSK	1	74	21.71	21.67	21.40		
15	QPSK	36	0	20.56	20.83	20.66	22	1
15	QPSK	36	20	20.61	20.75	20.67		
15	QPSK	36	39	20.63	20.69	20.78		
15	QPSK	75	0	20.65	20.74	20.67		
15	16QAM	1	0	20.73	20.80	20.91	22	1
15	16QAM	1	37	20.96	21.01	20.80		
15	16QAM	1	74	20.71	20.82	20.83		
15	16QAM	36	0	19.74	19.81	19.78	21	2
15	16QAM	36	20	19.70	19.76	19.76		
15	16QAM	36	39	19.89	19.62	19.82		
15	16QAM	75	0	19.80	19.81	19.83		
15	64QAM	1	0	19.95	19.81	19.90	21	2
15	64QAM	1	37	19.77	19.71	19.79		
15	64QAM	1	74	19.90	19.74	19.93		
15	64QAM	36	0	18.87	18.79	18.71	20	3
15	64QAM	36	20	18.74	18.85	18.74		
15	64QAM	36	39	18.72	18.62	18.68		
15	64QAM	75	0	18.65	18.76	18.80		
15	256QAM	1	0	16.75	16.74	16.68	18	5
15	256QAM	1	37	16.70	16.78	16.66		
15	256QAM	1	74	16.78	16.75	16.89		
15	256QAM	36	0	16.81	16.75	16.84	18	5
15	256QAM	36	20	16.67	16.72	16.60		
15	256QAM	36	39	16.77	16.75	16.78		
15	256QAM	75	0	16.86	16.81	16.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.74	21.77	21.65	23	0
10	QPSK	1	25	21.60	21.74	21.51		
10	QPSK	1	49	21.69	21.68	21.43		
10	QPSK	25	0	20.64	20.83	20.60	22	1
10	QPSK	25	12	20.60	20.76	20.67		
10	QPSK	25	25	20.66	20.69	20.79		
10	QPSK	50	0	20.59	20.72	20.64		
10	16QAM	1	0	20.74	20.86	20.90	22	1
10	16QAM	1	25	20.89	20.99	20.81		
10	16QAM	1	49	20.72	20.74	20.85		
10	16QAM	25	0	19.68	19.76	19.77	21	2
10	16QAM	25	12	19.70	19.82	19.81		
10	16QAM	25	25	19.91	19.67	19.86		
10	16QAM	50	0	19.79	19.81	19.86		
10	64QAM	1	0	19.93	19.83	19.91	21	2
10	64QAM	1	25	19.72	19.67	19.84		
10	64QAM	1	49	19.83	19.78	19.93		
10	64QAM	25	0	18.87	18.76	18.68	20	3
10	64QAM	25	12	18.65	18.94	18.76		
10	64QAM	25	25	18.73	18.62	18.68		
10	64QAM	50	0	18.65	18.70	18.74		
10	256QAM	1	0	16.71	16.79	16.63	18	5
10	256QAM	1	25	16.64	16.79	16.68		
10	256QAM	1	49	16.82	16.82	16.84		
10	256QAM	25	0	16.78	16.74	16.81	18	5
10	256QAM	25	12	16.68	16.79	16.67		
10	256QAM	25	25	16.75	16.69	16.78		
10	256QAM	50	0	16.87	16.75	16.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.80	21.80	21.65	23	0
5	QPSK	1	12	21.61	21.75	21.47		
5	QPSK	1	24	21.65	21.70	21.50		
5	QPSK	12	0	20.59	20.75	20.62	22	1
5	QPSK	12	7	20.62	20.71	20.66		
5	QPSK	12	13	20.67	20.76	20.79		
5	QPSK	25	0	20.66	20.79	20.60		
5	16QAM	1	0	20.82	20.81	20.85	22	1
5	16QAM	1	12	20.91	20.93	20.84		
5	16QAM	1	24	20.74	20.76	20.86		
5	16QAM	12	0	19.75	19.77	19.76	21	2
5	16QAM	12	7	19.71	19.76	19.80		
5	16QAM	12	13	19.93	19.61	19.88		
5	16QAM	25	0	19.82	19.79	19.81		
5	64QAM	1	0	19.90	19.83	19.87	21	2
5	64QAM	1	12	19.75	19.66	19.77		
5	64QAM	1	24	19.91	19.75	19.95		
5	64QAM	12	0	18.93	18.79	18.71	20	3
5	64QAM	12	7	18.69	18.90	18.70		
5	64QAM	12	13	18.70	18.68	18.72		
5	64QAM	25	0	18.61	18.76	18.73		
5	256QAM	1	0	16.70	16.80	16.63	18	5
5	256QAM	1	12	16.61	16.78	16.62		
5	256QAM	1	24	16.82	16.84	16.80		
5	256QAM	12	0	16.81	16.77	16.86	18	5
5	256QAM	12	7	16.69	16.77	16.63		
5	256QAM	12	13	16.70	16.75	16.78		
5	256QAM	25	0	16.88	16.76	16.72		

Band 12 Ant1

BW [MHz]	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	21.75	21.85	21.80		
10	QPSK	1	25	21.71	21.70	21.64	23	0
10	QPSK	1	49	21.56	21.61	21.66		
10	QPSK	25	0	20.76	20.83	20.78		
10	QPSK	25	12	20.81	20.79	20.68	22	1
10	QPSK	25	25	20.68	20.73	20.64		
10	QPSK	50	0	20.74	20.81	20.78		
10	16QAM	1	0	20.74	20.79	20.69		
10	16QAM	1	25	20.88	20.82	20.69	22	1
10	16QAM	1	49	20.89	20.75	20.73		
10	16QAM	25	0	19.98	19.92	19.89		
10	16QAM	25	12	19.80	20.00	19.97	21	2
10	16QAM	25	25	19.88	20.00	19.83		
10	16QAM	50	0	19.97	19.91	19.95		
10	64QAM	1	0	19.78	19.86	19.76		
10	64QAM	1	25	19.94	19.85	19.89	21	2
10	64QAM	1	49	19.82	19.89	19.78		
10	64QAM	25	0	18.95	18.93	19.02		
10	64QAM	25	12	19.01	18.94	18.89	20	3
10	64QAM	25	25	19.06	18.84	19.04		
10	64QAM	50	0	18.90	18.91	18.86		
10	256QAM	1	0	17.00	16.93	17.01		
10	256QAM	1	25	16.81	16.98	17.03	18	5
10	256QAM	1	49	16.85	16.99	16.83		
10	256QAM	25	0	16.80	16.85	16.73		
10	256QAM	25	12	16.96	16.88	16.73	18	5
10	256QAM	25	25	16.90	16.85	16.96		
10	256QAM	50	0	16.86	16.84	16.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.70	21.77	21.64	23	0
5	QPSK	1	12	21.60	21.75	21.62		
5	QPSK	1	24	21.65	21.69	21.48		
5	QPSK	12	0	20.56	20.77	20.63	22	1
5	QPSK	12	7	20.63	20.72	20.60		
5	QPSK	12	13	20.71	20.76	20.78		
5	QPSK	25	0	20.67	20.72	20.66		
5	16QAM	1	0	20.82	20.79	20.83		
5	16QAM	1	12	20.91	21.01	20.87	22	1
5	16QAM	1	24	20.79	20.80	20.89		
5	16QAM	12	0	19.75	19.79	19.72		
5	16QAM	12	7	19.73	19.78	19.79	21	2
5	16QAM	12	13	19.89	19.61	19.86		
5	16QAM	25	0	19.74	19.82	19.89		
5	64QAM	1	0	19.89	19.77	19.89		
5	64QAM	1	12	19.77	19.68	19.80	21	2
5	64QAM	1	24	19.83	19.69	19.94		
5	64QAM	12	0	18.95	18.83	18.70		
5	64QAM	12	7	18.70	18.84	18.70	20	3
5	64QAM	12	13	18.77	18.68	18.73		
5	64QAM	25	0	18.65	18.77	18.76		
5	256QAM	1	0	16.74	16.76	16.68		
5	256QAM	1	12	16.63	16.79	16.62	18	5
5	256QAM	1	24	16.78	16.77	16.82		
5	256QAM	12	0	16.82	16.72	16.79		
5	256QAM	12	7	16.70	16.70	16.67	18	5
5	256QAM	12	13	16.78	16.68	16.80		
5	256QAM	25	0	16.83	16.77	16.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.77	21.80	21.59	23	0
3	QPSK	1	8	21.59	21.72	21.54		
3	QPSK	1	14	21.71	21.69	21.49		
3	QPSK	8	0	20.59	20.76	20.69		
3	QPSK	8	4	20.66	20.68	20.60	22	1
3	QPSK	8	7	20.70	20.75	20.79		
3	QPSK	15	0	20.65	20.73	20.63		
3	16QAM	1	0	20.75	20.84	20.91		
3	16QAM	1	8	20.89	20.97	20.80	22	1
3	16QAM	1	14	20.77	20.82	20.86		
3	16QAM	8	0	19.75	19.82	19.80		
3	16QAM	8	4	19.69	19.74	19.81	21	2
3	16QAM	8	7	19.85	19.59	19.82		
3	16QAM	15	0	19.79	19.76	19.88		
3	64QAM	1	0	19.88	19.86	19.85		
3	64QAM	1	8	19.71	19.74	19.83	21	2
3	64QAM	1	14	19.84	19.78	19.92		
3	64QAM	8	0	18.93	18.75	18.72		
3	64QAM	8	4	18.66	18.86	18.77	20	3
3	64QAM	8	7	18.68	18.68	18.67		
3	64QAM	15	0	18.59	18.76	18.73		
3	256QAM	1	0	16.72	16.78	16.60		
3	256QAM	1	8	16.62	16.82	16.61	18	5
3	256QAM	1	14	16.78	16.83	16.85		
3	256QAM	8	0	16.80	16.70	16.82		
3	256QAM	8	4	16.64	16.76	16.62	18	5
3	256QAM	8	7	16.76	16.70	16.75		
3	256QAM	15	0	16.89	16.75	16.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.36	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 13 Ant1

BW [MHz]	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		22.37			
10	QPSK	1	25		22.19		24	0
10	QPSK	1	49		22.26			
10	QPSK	25	0		21.32			
10	QPSK	25	12		21.19		23	1
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.30			
10	16QAM	1	0		21.36			
10	16QAM	1	25		21.34		23	1
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.25			
10	16QAM	25	12		20.14		22	2
10	16QAM	25	25		20.21			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.24			
10	64QAM	1	25		20.14		22	2
10	64QAM	1	49		20.19			
10	64QAM	25	0		19.34			
10	64QAM	25	12		19.25		21	3
10	64QAM	25	25		19.31			
10	64QAM	50	0		19.33			
10	256QAM	1	0		17.31			
10	256QAM	1	25		17.39		19	5
10	256QAM	1	49		17.31			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.38		19	5
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.31	22.33	24	0
5	QPSK	1	12	22.12	22.09	22.12		
5	QPSK	1	24	22.13	22.21	22.21		
5	QPSK	12	0	21.27	21.28	21.25	23	1
5	QPSK	12	7	21.09	21.14	21.16		
5	QPSK	12	13	21.10	21.03	21.07		
5	QPSK	25	0	21.22	21.27	21.26		
5	16QAM	1	0	21.26	21.25	21.30	23	1
5	16QAM	1	12	21.29	21.24	21.28		
5	16QAM	1	24	21.33	21.31	21.31		
5	16QAM	12	0	20.14	20.19	20.17	22	2
5	16QAM	12	7	20.03	20.03	20.10		
5	16QAM	12	13	20.09	20.15	20.09		
5	16QAM	25	0	20.21	20.21	20.21		
5	64QAM	1	0	20.13	20.11	20.12	22	2
5	64QAM	1	12	20.02	20.08	20.05		
5	64QAM	1	24	20.12	20.13	20.12		
5	64QAM	12	0	19.27	19.28	19.24	21	3
5	64QAM	12	7	19.15	19.14	19.20		
5	64QAM	12	13	19.24	19.20	19.21		
5	64QAM	25	0	19.30	19.26	19.30		
5	256QAM	1	0	17.26	17.20	17.20	19	5
5	256QAM	1	12	17.28	17.36	17.32		
5	256QAM	1	24	17.19	17.21	17.20		
5	256QAM	12	0	17.26	17.28	17.25	19	5
5	256QAM	12	7	17.32	17.29	17.33		
5	256QAM	12	13	17.23	17.25	17.27		
5	256QAM	25	0	17.23	17.20	17.21		

Band 17 Ant1

BW [MHz]	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	21.75	21.81	21.77		
10	QPSK	1	25	21.58	21.78	21.73	23	0
10	QPSK	1	49	21.69	21.78	21.64		
10	QPSK	25	0	20.69	20.78	20.74		
10	QPSK	25	12	20.76	20.75	20.77	22	1
10	QPSK	25	25	20.73	20.74	20.65		
10	QPSK	50	0	20.70	20.75	20.57		
10	16QAM	1	0	20.61	20.68	20.75		
10	16QAM	1	25	20.63	20.64	20.71	22	1
10	16QAM	1	49	20.70	20.64	20.55		
10	16QAM	25	0	19.97	19.97	19.92		
10	16QAM	25	12	19.86	19.76	19.92	21	2
10	16QAM	25	25	19.99	19.82	19.95		
10	16QAM	50	0	19.94	19.85	19.72		
10	64QAM	1	0	19.85	19.78	19.87		
10	64QAM	1	25	19.83	19.71	19.89	21	2
10	64QAM	1	49	19.80	19.76	19.75		
10	64QAM	25	0	18.84	18.83	18.86		
10	64QAM	25	12	18.88	18.83	18.94	20	3
10	64QAM	25	25	18.72	18.80	18.71		
10	64QAM	50	0	18.79	18.81	18.80		
10	256QAM	1	0	16.93	16.83	16.85		
10	256QAM	1	25	16.92	16.72	16.72	18	5
10	256QAM	1	49	16.94	16.82	16.96		
10	256QAM	25	0	16.68	16.78	16.72		
10	256QAM	25	12	16.72	16.68	16.89	18	5
10	256QAM	25	25	16.84	16.75	16.74		
10	256QAM	50	0	16.66	16.69	16.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.72	21.74	21.62	23	0
5	QPSK	1	12	21.68	21.66	21.52		
5	QPSK	1	24	21.71	21.74	21.47		
5	QPSK	12	0	20.57	20.82	20.67	22	1
5	QPSK	12	7	20.66	20.72	20.62		
5	QPSK	12	13	20.67	20.77	20.75		
5	QPSK	25	0	20.59	20.81	20.66		
5	16QAM	1	0	20.83	20.85	20.86		
5	16QAM	1	12	20.93	20.98	20.82	22	1
5	16QAM	1	24	20.72	20.82	20.87		
5	16QAM	12	0	19.70	19.80	19.73		
5	16QAM	12	7	19.67	19.74	19.81	21	2
5	16QAM	12	13	19.90	19.63	19.79		
5	16QAM	25	0	19.75	19.75	19.82		
5	64QAM	1	0	19.91	19.84	19.86		
5	64QAM	1	12	19.80	19.72	19.80	21	2
5	64QAM	1	24	19.91	19.70	19.98		
5	64QAM	12	0	18.92	18.74	18.68	20	3
5	64QAM	12	7	18.64	18.91	18.76		
5	64QAM	12	13	18.71	18.68	18.72		
5	64QAM	25	0	18.60	18.80	18.79		
5	256QAM	1	0	16.73	16.76	16.59	18	5
5	256QAM	1	12	16.61	16.82	16.64		
5	256QAM	1	24	16.75	16.75	16.83		
5	256QAM	12	0	16.80	16.77	16.79		
5	256QAM	12	7	16.70	16.71	16.60	18	5
5	256QAM	12	13	16.71	16.68	16.71		
5	256QAM	25	0	16.87	16.80	16.67		

Band 25 Ant1

BW [MHz]	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	21.60	21.62	21.61	23	0
20	QPSK	1	49	21.42	21.56	21.61		
20	QPSK	1	99	21.43	21.61	21.49		
20	QPSK	50	0	20.74	20.76	20.65		
20	QPSK	50	24	20.66	20.70	20.56	22	1
20	QPSK	50	50	20.62	20.75	20.56		
20	QPSK	100	0	20.66	20.72	20.54		
20	16QAM	1	0	20.67	20.66	20.72		
20	16QAM	1	49	20.64	20.54	20.69	22	1
20	16QAM	1	99	20.73	20.68	20.69		
20	16QAM	50	0	19.66	19.67	19.71		
20	16QAM	50	24	19.75	19.59	19.79	21	2
20	16QAM	50	50	19.68	19.74	19.69		
20	16QAM	100	0	19.66	19.65	19.67		
20	64QAM	1	0	19.62	19.71	19.77		
20	64QAM	1	49	19.70	19.73	19.73	21	2
20	64QAM	1	99	19.59	19.59	19.68		
20	64QAM	50	0	18.78	18.68	18.60		
20	64QAM	50	24	18.73	18.73	18.75	20	3
20	64QAM	50	50	18.72	18.76	18.78		
20	64QAM	100	0	18.71	18.64	18.70		
20	256QAM	1	0	16.66	16.68	16.77		
20	256QAM	1	49	16.72	16.69	16.53	18	5
20	256QAM	1	99	16.71	16.71	16.74		
20	256QAM	50	0	16.62	16.62	16.50		
20	256QAM	50	24	16.61	16.51	16.57	18	5
20	256QAM	50	50	16.60	16.60	16.60		
20	256QAM	100	0	16.56	16.57	16.63		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.55	21.53	21.57	23	0
15	QPSK	1	37	21.34	21.51	21.50		
15	QPSK	1	74	21.38	21.40	21.40		
15	QPSK	36	0	20.70	20.72	20.62	22	1
15	QPSK	36	20	20.58	20.67	20.48		
15	QPSK	36	39	20.56	20.63	20.52		
15	QPSK	75	0	20.55	20.65	20.44		
15	16QAM	1	0	20.59	20.57	20.63	22	1
15	16QAM	1	37	20.55	20.42	20.58		
15	16QAM	1	74	20.64	20.55	20.63		
15	16QAM	36	0	19.54	19.63	19.65	21	2
15	16QAM	36	20	19.65	19.46	19.75		
15	16QAM	36	39	19.61	19.63	19.66		
15	16QAM	75	0	19.56	19.52	19.57		
15	64QAM	1	0	19.50	19.60	19.66		
15	64QAM	1	37	19.66	19.70	19.62	21	2
15	64QAM	1	74	19.52	19.47	19.62		
15	64QAM	36	0	18.69	18.63	18.53	20	3
15	64QAM	36	20	18.68	18.67	18.63		
15	64QAM	36	39	18.63	18.72	18.70		
15	64QAM	75	0	18.62	18.56	18.66		
15	256QAM	1	0	16.61	16.61	16.67	18	5
15	256QAM	1	37	16.62	16.58	16.50		
15	256QAM	1	74	16.64	16.60	16.66		
15	256QAM	36	0	16.59	16.55	16.41		
15	256QAM	36	20	16.50	16.47	16.49	18	5
15	256QAM	36	39	16.48	16.57	16.53		
15	256QAM	75	0	16.44	16.50	16.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1910		
10	QPSK	1	0	21.54	21.53	21.54	23	0
10	QPSK	1	25	21.34	21.49	21.53		
10	QPSK	1	49	21.31	21.39	21.40		
10	QPSK	25	0	20.67	20.65	20.53	22	1
10	QPSK	25	12	20.55	20.62	20.51		
10	QPSK	25	25	20.52	20.70	20.50		
10	QPSK	50	0	20.61	20.65	20.44		
10	16QAM	1	0	20.62	20.55	20.60		
10	16QAM	1	25	20.58	20.47	20.63	22	1
10	16QAM	1	49	20.61	20.56	20.62		
10	16QAM	25	0	19.55	19.56	19.65		
10	16QAM	25	12	19.62	19.56	19.74	21	2
10	16QAM	25	25	19.61	19.67	19.62		
10	16QAM	50	0	19.55	19.60	19.62		
10	64QAM	1	0	19.56	19.62	19.72		
10	64QAM	1	25	19.66	19.66	19.69	21	2
10	64QAM	1	49	19.50	19.54	19.62		
10	64QAM	25	0	18.70	18.60	18.54	20	3
10	64QAM	25	12	18.62	18.62	18.67		
10	64QAM	25	25	18.60	18.72	18.68		
10	64QAM	50	0	18.66	18.57	18.59		
10	256QAM	1	0	16.62	16.55	16.66	18	5
10	256QAM	1	25	16.63	16.65	16.44		
10	256QAM	1	49	16.60	16.62	16.70		
10	256QAM	25	0	16.49	16.51	16.39	18	5
10	256QAM	25	12	16.57	16.40	16.50		
10	256QAM	25	25	16.55	16.49	16.51		
10	256QAM	50	0	16.51	16.50	16.50		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.55	21.55	21.57	23	0
5	QPSK	1	12	21.37	21.45	21.55		
5	QPSK	1	24	21.39	21.42	21.42		
5	QPSK	12	0	20.71	20.69	20.58	22	1
5	QPSK	12	7	20.57	20.63	20.52		
5	QPSK	12	13	20.56	20.70	20.52		
5	QPSK	25	0	20.55	20.68	20.49		
5	16QAM	1	0	20.60	20.63	20.67	22	1
5	16QAM	1	12	20.60	20.41	20.63		
5	16QAM	1	24	20.65	20.60	20.64		
5	16QAM	12	0	19.58	19.64	19.63	21	2
5	16QAM	12	7	19.71	19.47	19.74		
5	16QAM	12	13	19.62	19.67	19.58		
5	16QAM	25	0	19.54	19.53	19.64		
5	64QAM	1	0	19.49	19.60	19.74	21	2
5	64QAM	1	12	19.58	19.63	19.69		
5	64QAM	1	24	19.46	19.56	19.60		
5	64QAM	12	0	18.72	18.57	18.51	20	3
5	64QAM	12	7	18.64	18.61	18.70		
5	64QAM	12	13	18.66	18.63	18.74		
5	64QAM	25	0	18.61	18.58	18.60		
5	256QAM	1	0	16.59	16.59	16.67	18	5
5	256QAM	1	12	16.62	16.66	16.43		
5	256QAM	1	24	16.66	16.66	16.61		
5	256QAM	12	0	16.51	16.54	16.40	18	5
5	256QAM	12	7	16.54	16.41	16.54		
5	256QAM	12	13	16.54	16.50	16.53		
5	256QAM	25	0	16.51	16.53	16.52		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.49	21.53	21.54	23	0
3	QPSK	1	8	21.31	21.44	21.52		
3	QPSK	1	14	21.32	21.37	21.37		
3	QPSK	8	0	20.68	20.65	20.61	22	1
3	QPSK	8	4	20.58	20.65	20.52		
3	QPSK	8	7	20.57	20.67	20.45		
3	QPSK	15	0	20.61	20.63	20.48		
3	16QAM	1	0	20.60	20.62	20.61		
3	16QAM	1	8	20.56	20.48	20.58	22	1
3	16QAM	1	14	20.65	20.58	20.59		
3	16QAM	8	0	19.56	19.61	19.58	21	2
3	16QAM	8	4	19.70	19.51	19.70		
3	16QAM	8	7	19.63	19.71	19.59		
3	16QAM	15	0	19.56	19.55	19.60		
3	64QAM	1	0	19.54	19.66	19.67	21	2
3	64QAM	1	8	19.64	19.64	19.61		
3	64QAM	1	14	19.54	19.54	19.58		
3	64QAM	8	0	18.74	18.57	18.56	20	3
3	64QAM	8	4	18.69	18.64	18.70		
3	64QAM	8	7	18.68	18.69	18.67		
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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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.94	21.99	21.96	23	0
15	QPSK	1	37	21.93	21.84	21.98		
15	QPSK	1	74	21.73	21.83	21.81		
15	QPSK	36	0	20.88	20.95	20.73	22	1
15	QPSK	36	20	20.77	20.77	20.79		
15	QPSK	36	39	20.78	20.84	20.85		
15	QPSK	75	0	20.65	20.91	20.74		
15	16QAM	1	0	20.89	20.93	20.93	22	1
15	16QAM	1	37	21.03	20.82	20.95		
15	16QAM	1	74	21.01	20.86	20.95		
15	16QAM	36	0	19.97	19.94	20.06	21	2
15	16QAM	36	20	19.89	19.94	20.02		
15	16QAM	36	39	19.84	19.92	20.07		
15	16QAM	75	0	19.99	19.93	20.00		
15	64QAM	1	0	19.96	19.89	19.82	21	2
15	64QAM	1	37	19.78	19.94	20.00		
15	64QAM	1	74	19.88	20.01	19.92		
15	64QAM	36	0	18.84	18.96	18.99	20	3
15	64QAM	36	20	18.96	18.94	19.06		
15	64QAM	36	39	19.05	18.92	18.86		
15	64QAM	75	0	18.80	18.91	19.01		
15	256QAM	1	0	17.13	17.06	17.16	18	5
15	256QAM	1	37	17.05	16.97	17.16		
15	256QAM	1	74	16.97	17.08	17.10		
15	256QAM	36	0	17.11	17.01	17.05	18	5
15	256QAM	36	20	16.92	17.09	16.92		
15	256QAM	36	39	16.88	16.93	16.91		
15	256QAM	75	0	16.91	16.98	16.90		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.53	21.55	21.55	23	0
10	QPSK	1	25	21.59	21.37	21.40		
10	QPSK	1	49	21.56	21.46	21.37		
10	QPSK	25	0	20.53	20.70	20.69	22	1
10	QPSK	25	12	20.57	20.64	20.46		
10	QPSK	25	25	20.50	20.59	20.63		
10	QPSK	50	0	20.54	20.62	20.44		
10	16QAM	1	0	20.63	20.59	20.57	22	1
10	16QAM	1	25	20.70	20.47	20.73		
10	16QAM	1	49	20.61	20.57	20.61		
10	16QAM	25	0	19.65	19.58	19.59	21	2
10	16QAM	25	12	19.66	19.51	19.55		
10	16QAM	25	25	19.66	19.62	19.67		
10	16QAM	50	0	19.40	19.53	19.60		
10	64QAM	1	0	19.68	19.53	19.44	21	2
10	64QAM	1	25	19.66	19.49	19.47		
10	64QAM	1	49	19.64	19.50	19.63		
10	64QAM	25	0	18.57	18.54	18.65	20	3
10	64QAM	25	12	18.67	18.52	18.65		
10	64QAM	25	25	18.58	18.63	18.53		
10	64QAM	50	0	18.45	18.62	18.59		
10	256QAM	1	0	16.61	16.60	16.66	18	5
10	256QAM	1	25	16.67	16.58	16.49		
10	256QAM	1	49	16.53	16.47	16.56		
10	256QAM	25	0	16.52	16.52	16.46	18	5
10	256QAM	25	12	16.42	16.35	16.33		
10	256QAM	25	25	16.55	16.39	16.55		
10	256QAM	50	0	16.45	16.60	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.53	21.55	21.50	23	0
5	QPSK	1	12	21.56	21.39	21.42		
5	QPSK	1	24	21.50	21.47	21.30		
5	QPSK	12	0	20.54	20.69	20.61	22	1
5	QPSK	12	7	20.57	20.61	20.49		
5	QPSK	12	13	20.44	20.60	20.60		
5	QPSK	25	0	20.52	20.60	20.46		
5	16QAM	1	0	20.66	20.58	20.58	22	1
5	16QAM	1	12	20.67	20.52	20.70		
5	16QAM	1	24	20.66	20.58	20.79		
5	16QAM	12	0	19.64	19.56	19.56	21	2
5	16QAM	12	7	19.65	19.56	19.56		
5	16QAM	12	13	19.65	19.58	19.64		
5	16QAM	25	0	19.46	19.50	19.58		
5	64QAM	1	0	19.65	19.58	19.50	21	2
5	64QAM	1	12	19.64	19.49	19.45		
5	64QAM	1	24	19.73	19.50	19.64		
5	64QAM	12	0	18.63	18.60	18.62	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.62	18.67	18.52		
5	64QAM	25	0	18.51	18.64	18.53		
5	256QAM	1	0	16.57	16.59	16.67	18	5
5	256QAM	1	12	16.73	16.62	16.53		
5	256QAM	1	24	16.53	16.50	16.56		
5	256QAM	12	0	16.55	16.51	16.46	18	5
5	256QAM	12	7	16.40	16.39	16.39		
5	256QAM	12	13	16.55	16.34	16.58		
5	256QAM	25	0	16.49	16.51	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.49	21.61	21.54	23	0
3	QPSK	1	8	21.57	21.35	21.46		
3	QPSK	1	14	21.55	21.46	21.37		
3	QPSK	8	0	20.50	20.66	20.68	22	1
3	QPSK	8	4	20.57	20.61	20.51		
3	QPSK	8	7	20.45	20.49	20.67		
3	QPSK	15	0	20.48	20.59	20.46		
3	16QAM	1	0	20.67	20.53	20.61	22	1
3	16QAM	1	8	20.64	20.52	20.67		
3	16QAM	1	14	20.61	20.52	20.68		
3	16QAM	8	0	19.62	19.57	19.55	21	2
3	16QAM	8	4	19.64	19.54	19.59		
3	16QAM	8	7	19.67	19.59	19.68		
3	16QAM	15	0	19.41	19.57	19.55		
3	64QAM	1	0	19.68	19.55	19.47	21	2
3	64QAM	1	8	19.66	19.51	19.47		
3	64QAM	1	14	19.72	19.49	19.59		
3	64QAM	8	0	18.60	18.54	18.62	20	3
3	64QAM	8	4	18.67	18.55	18.60		
3	64QAM	8	7	18.58	18.59	18.51		
3	64QAM	15	0	18.47	18.59	18.59		
3	256QAM	1	0	16.62	16.53	16.67	18	5
3	256QAM	1	8	16.71	16.60	16.48		
3	256QAM	1	14	16.51	16.46	16.49		
3	256QAM	8	0	16.56	16.50	16.40	18	5
3	256QAM	8	4	16.39	16.33	16.39		
3	256QAM	8	7	16.56	16.40	16.56		
3	256QAM	15	0	16.47	16.59	16.48		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.61	21.65	21.63	23	0
20	QPSK	1	49	21.64	21.48	21.50		
20	QPSK	1	99	21.62	21.55	21.41		
20	QPSK	50	0	20.57	20.74	20.73	22	1
20	QPSK	50	24	20.69	20.70	20.59		
20	QPSK	50	50	20.54	20.62	20.72		
20	QPSK	100	0	20.61	20.68	20.52		
20	16QAM	1	0	20.76	20.65	20.65	22	1
20	16QAM	1	49	20.75	20.58	20.77		
20	16QAM	1	99	20.71	20.65	20.74		
20	16QAM	50	0	19.73	19.67	19.65	21	2
20	16QAM	50	24	19.75	19.60	19.63		
20	16QAM	50	50	19.71	19.65	19.73		
20	16QAM	100	0	19.50	19.62	19.66		
20	64QAM	1	0	19.75	19.64	19.56	21	2
20	64QAM	1	49	19.71	19.55	19.54		
20	64QAM	1	99	19.77	19.55	19.71		
20	64QAM	50	0	18.70	18.65	18.71	20	3
20	64QAM	50	24	18.71	18.62	18.68		
20	64QAM	50	50	18.70	18.70	18.62		
20	64QAM	100	0	18.56	18.68	18.65		
20	256QAM	1	0	16.67	16.66	16.77	18	5
20	256QAM	1	49	16.78	16.65	16.58		
20	256QAM	1	99	16.61	16.56	16.61		
20	256QAM	50	0	16.61	16.57	16.49	18	5
20	256QAM	50	24	16.46	16.44	16.46		
20	256QAM	50	50	16.62	16.47	16.63		
20	256QAM	100	0	16.56	16.63	16.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.56	21.53	21.55	23	0
15	QPSK	1	37	21.58	21.36	21.39		
15	QPSK	1	74	21.54	21.43	21.29		
15	QPSK	36	0	20.50	20.68	20.68	22	1
15	QPSK	36	20	20.57	20.66	20.56		
15	QPSK	36	39	20.47	20.57	20.65		
15	QPSK	75	0	20.54	20.61	20.43		
15	16QAM	1	0	20.64	20.59	20.60	22	1
15	16QAM	1	37	20.64	20.47	20.72		
15	16QAM	1	74	20.61	20.57	20.62		
15	16QAM	36	0	19.62	19.58	19.53	21	2
15	16QAM	36	20	19.68	19.54	19.54		
15	16QAM	36	39	19.65	19.52	19.64		
15	16QAM	75	0	19.38	19.58	19.59		
15	64QAM	1	0	19.69	19.61	19.44	21	2
15	64QAM	1	37	19.61	19.42	19.44		
15	64QAM	1	74	19.68	19.50	19.65		
15	64QAM	36	0	18.59	18.54	18.67	20	3
15	64QAM	36	20	18.66	18.51	18.61		
15	64QAM	36	39	18.64	18.62	18.52		
15	64QAM	75	0	18.50	18.57	18.54		
15	256QAM	1	0	16.63	16.55	16.74	18	5
15	256QAM	1	37	16.71	16.62	16.53		
15	256QAM	1	74	16.51	16.51	16.55		
15	256QAM	36	0	16.55	16.50	16.43	18	5
15	256QAM	36	20	16.38	16.36	16.38		
15	256QAM	36	39	16.52	16.35	16.58		
15	256QAM	75	0	16.47	16.57	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.51	21.56	21.52	23	0
10	QPSK	1	25	21.61	21.45	21.40		
10	QPSK	1	49	21.56	21.51	21.34		
10	QPSK	25	0	20.53	20.66	20.69	22	1
10	QPSK	25	12	20.65	20.63	20.46		
10	QPSK	25	25	20.44	20.56	20.62		
10	QPSK	50	0	20.56	20.63	20.43		
10	16QAM	1	0	20.69	20.55	20.57	22	1
10	16QAM	1	25	20.68	20.52	20.65		
10	16QAM	1	49	20.62	20.60	20.70		
10	16QAM	25	0	19.61	19.55	19.53	21	2
10	16QAM	25	12	19.69	19.55	19.59		
10	16QAM	25	25	19.62	19.56	19.67		
10	16QAM	50	0	19.46	19.55	19.60		
10	64QAM	1	0	19.68	19.55	19.52	21	2
10	64QAM	1	25	19.65	19.42	19.50		
10	64QAM	1	49	19.68	19.47	19.68		
10	64QAM	25	0	18.58	18.61	18.60	20	3
10	64QAM	25	12	18.62	18.49	18.57		
10	64QAM	25	25	18.60	18.60	18.54		
10	64QAM	50	0	18.45	18.56	18.55		
10	256QAM	1	0	16.60	16.57	16.69	18	5
10	256QAM	1	25	16.74	16.57	16.51		
10	256QAM	1	49	16.55	16.47	16.54		
10	256QAM	25	0	16.56	16.49	16.40	18	5
10	256QAM	25	12	16.34	16.32	16.39		
10	256QAM	25	25	16.56	16.34	16.58		
10	256QAM	50	0	16.44	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.51	21.53	21.51	23	0
5	QPSK	1	12	21.54	21.42	21.38		
5	QPSK	1	24	21.56	21.45	21.30		
5	QPSK	12	0	20.49	20.67	20.69	22	1
5	QPSK	12	7	20.64	20.65	20.48		
5	QPSK	12	13	20.42	20.56	20.60		
5	QPSK	25	0	20.50	20.59	20.46		
5	16QAM	1	0	20.66	20.53	20.59	22	1
5	16QAM	1	12	20.62	20.48	20.70		
5	16QAM	1	24	20.65	20.56	20.64		
5	16QAM	12	0	19.68	19.55	19.59	21	2
5	16QAM	12	7	19.72	19.52	19.58		
5	16QAM	12	13	19.62	19.59	19.62		
5	16QAM	25	0	19.43	19.57	19.55		
5	64QAM	1	0	19.62	19.60	19.45	21	2
5	64QAM	1	12	19.59	19.48	19.42		
5	64QAM	1	24	19.65	19.44	19.64		
5	64QAM	12	0	18.64	18.60	18.66	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.59	18.60	18.55		
5	64QAM	25	0	18.46	18.65	18.57		
5	256QAM	1	0	16.59	16.58	16.69	18	5
5	256QAM	1	12	16.70	16.56	16.49		
5	256QAM	1	24	16.53	16.44	16.50		
5	256QAM	12	0	16.55	16.49	16.43	18	5
5	256QAM	12	7	16.39	16.38	16.36		
5	256QAM	12	13	16.58	16.39	16.56		
5	256QAM	25	0	16.44	16.51	16.51		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.52	21.55	21.56	23	0
3	QPSK	1	8	21.54	21.42	21.40		
3	QPSK	1	14	21.56	21.50	21.35		
3	QPSK	8	0	20.52	20.66	20.61	22	1
3	QPSK	8	4	20.62	20.62	20.47		
3	QPSK	8	7	20.47	20.52	20.62		
3	QPSK	15	0	20.49	20.61	20.47		
3	16QAM	1	0	20.67	20.61	20.55	22	1
3	16QAM	1	8	20.62	20.50	20.71		
3	16QAM	1	14	20.59	20.58	20.61		
3	16QAM	8	0	19.61	19.60	19.59	21	2
3	16QAM	8	4	19.66	19.56	19.52		
3	16QAM	8	7	19.68	19.59	19.64		
3	16QAM	15	0	19.39	19.56	19.55		
3	64QAM	1	0	19.66	19.53	19.49	21	2
3	64QAM	1	8	19.66	19.51	19.45		
3	64QAM	1	14	19.68	19.46	19.67		
3	64QAM	8	0	18.63	18.56	18.67	20	3
3	64QAM	8	4	18.65	18.58	18.57		
3	64QAM	8	7	18.58	18.61	18.58		
3	64QAM	15	0	18.45	18.62	18.62		
3	256QAM	1	0	16.56	16.58	16.70	18	5
3	256QAM	1	8	16.73	16.56	16.49		
3	256QAM	1	14	16.56	16.44	16.54		
3	256QAM	8	0	16.53	16.52	16.45	18	5
3	256QAM	8	4	16.41	16.36	16.42		
3	256QAM	8	7	16.58	16.38	16.56		
3	256QAM	15	0	16.43	16.55	16.46		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.03	22.11	21.97	23	0
20	QPSK	1	49	22.02	22.06	21.82		
20	QPSK	1	99	21.97	21.87	21.89		
20	QPSK	50	0	21.03	21.06	20.88	22	1
20	QPSK	50	24	20.96	20.92	20.93		
20	QPSK	50	50	20.95	20.86	20.90		
20	QPSK	100	0	20.92	21.01	20.94		
20	16QAM	1	0	21.09	20.98	21.03	22	1
20	16QAM	1	49	21.10	21.01	20.93		
20	16QAM	1	99	20.87	21.00	20.86		
20	16QAM	50	0	20.25	20.18	20.24	21	2
20	16QAM	50	24	20.09	20.16	20.11		
20	16QAM	50	50	20.08	20.09	20.19		
20	16QAM	100	0	20.20	20.10	20.05		
20	64QAM	1	0	20.08	20.09	20.11	21	2
20	64QAM	1	49	20.08	20.05	20.05		
20	64QAM	1	99	20.19	20.20	20.14		
20	64QAM	50	0	19.04	19.14	19.24	20	3
20	64QAM	50	24	19.17	19.18	19.05		
20	64QAM	50	50	19.27	19.24	19.08		
20	64QAM	100	0	19.28	19.18	19.06		
20	256QAM	1	0	17.20	17.13	17.01	18	5
20	256QAM	1	49	17.06	17.03	17.06		
20	256QAM	1	99	17.10	17.01	17.06		
20	256QAM	50	0	17.15	17.08	17.10	18	5
20	256QAM	50	24	17.01	17.06	17.05		
20	256QAM	50	50	17.20	17.00	17.21		
20	256QAM	100	0	16.94	17.01	17.13		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.95	21.99	21.94	23	0
15	QPSK	1	37	21.94	21.96	21.70		
15	QPSK	1	74	21.91	21.82	21.81		
15	QPSK	36	0	20.96	20.97	20.81	22	1
15	QPSK	36	20	20.87	20.81	20.89		
15	QPSK	36	39	20.86	20.81	20.79		
15	QPSK	75	0	20.88	20.95	20.91		
15	16QAM	1	0	21.02	20.89	20.95	22	1
15	16QAM	1	37	20.99	20.90	20.90		
15	16QAM	1	74	20.77	20.91	20.83		
15	16QAM	36	0	20.13	20.14	20.12	21	2
15	16QAM	36	20	19.99	20.13	20.02		
15	16QAM	36	39	19.96	20.04	20.00		
15	16QAM	75	0	20.08	20.04

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.58	21.66	21.60	23	0
20	QPSK	1	49	21.46	21.45	21.57		
20	QPSK	1	99	21.62	21.54	21.53		
20	QPSK	50	0	20.67	20.73	20.55	22	1
20	QPSK	50	24	20.69	20.70	20.63		
20	QPSK	50	50	20.51	20.61	20.58		
20	QPSK	100	0	20.52	20.69	20.57		
20	16QAM	1	0	20.73	20.75	20.72		
20	16QAM	1	49	20.87	20.80	20.75	22	1
20	16QAM	1	99	20.71	20.85	20.82		
20	16QAM	50	0	19.65	19.68	19.78		
20	16QAM	50	24	19.75	19.71	19.70	21	2
20	16QAM	50	50	19.66	19.68	19.64		
20	16QAM	100	0	19.70	19.71	19.72		
20	64QAM	1	0	19.39	19.47	19.57		
20	64QAM	1	49	19.57	19.43	19.37	21	2
20	64QAM	1	99	19.48	19.60	19.40		
20	64QAM	50	0	18.35	18.40	18.46		
20	64QAM	50	24	18.53	18.45	18.42	20	3
20	64QAM	50	50	18.27	18.30	18.32		
20	64QAM	100	0	18.43	18.52	18.51		
20	256QAM	1	0	16.55	16.62	16.65		
20	256QAM	1	49	16.60	16.62	16.57	18	5
20	256QAM	1	99	16.64	16.73	16.74		
20	256QAM	50	0	16.64	16.59	16.56		
20	256QAM	50	24	16.68	16.56	16.64	18	5
20	256QAM	50	50	16.56	16.60	16.60		
20	256QAM	100	0	16.71	16.68	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.49	21.60	21.50	23	0
15	QPSK	1	37	21.40	21.41	21.47		
15	QPSK	1	74	21.51	21.41	21.45		
15	QPSK	36	0	20.59	20.63	20.50	22	1
15	QPSK	36	20	20.61	20.67	20.60		
15	QPSK	36	39	20.40	20.53	20.54		
15	QPSK	75	0	20.48	20.66	20.52		
15	16QAM	1	0	20.64	20.70	20.61		
15	16QAM	1	37	20.78	20.72	20.63	22	1
15	16QAM	1	74	20.68	20.79	20.78		
15	16QAM	36	0	19.57	19.61	19.68		
15	16QAM	36	20	19.69	19.67	19.62	21	2
15	16QAM	36	39	19.57	19.59	19.58		
15	16QAM	75	0	19.62	19.66	19.66		
15	64QAM	1	0	19.34	19.37	19.51		
15	64QAM	1	37	19.50	19.34	19.27	21	2
15	64QAM	1	74	19.38	19.49	19.29		
15	64QAM	36	0	18.29	18.36	18.42		
15	64QAM	36	20	18.45	18.34	18.39	20	3
15	64QAM	36	39	18.18	18.26	18.20		
15	64QAM	75	0	18.38	18.41	18.46		
15	256QAM	1	0	16.48	16.49	16.61		
15	256QAM	1	37	16.47	16.58	16.44	18	5
15	256QAM	1	74	16.53	16.66	16.70		
15	256QAM	36	0	16.56	16.55	16.52		
15	256QAM	36	20	16.56	16.52	16.57	18	5
15	256QAM	36	39	16.46	16.49	16.52		
15	256QAM	75	0	16.65	16.62	16.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.49	21.57	21.50	23	0
10	QPSK	1	25	21.40	21.38	21.47		
10	QPSK	1	49	21.56	21.44	21.43		
10	QPSK	25	0	20.63	20.62	20.46	22	1
10	QPSK	25	12	20.62	20.66	20.57		
10	QPSK	25	25	20.42	20.56	20.47		
10	QPSK	50	0	20.41	20.66	20.51		
10	16QAM	1	0	20.70	20.63	20.69		
10	16QAM	1	25	20.84	20.69	20.71	22	1
10	16QAM	1	49	20.59	20.74	20.74		
10	16QAM	25	0	19.53	19.58	19.66		
10	16QAM	25	12	19.67	19.62	19.63	21	2
10	16QAM	25	25	19.55	19.58	19.55		
10	16QAM	50	0	19.66	19.67	19.60		
10	64QAM	1	0	19.28	19.38	19.46		
10	64QAM	1	25	19.47	19.34	19.32	21	2
10	64QAM	1	49	19.44	19.51	19.35		
10	64QAM	25	0	18.28	18.33	18.41		
10	64QAM	25	12	18.41	18.34	18.30	20	3
10	64QAM	25	25	18.18	18.25	18.21		
10	64QAM	50	0	18.39	18.41	18.42		
10	256QAM	1	0	16.51	16.58	16.54		
10	256QAM	1	25	16.57	16.58	16.53	18	5
10	256QAM	1	49	16.59	16.70	16.69		
10	256QAM	25	0	16.56	16.55	16.49		
10	256QAM	25	12	16.62	16.44	16.55	18	5
10	256QAM	25	25	16.43	16.50	16.50		
10	256QAM	50	0	16.66	16.62	16.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.52	21.55	21.55	23	0
5	QPSK	1	12	21.38	21.41	21.51		
5	QPSK	1	24	21.49	21.45	21.43		
5	QPSK	12	0	20.62	20.66	20.51	22	1
5	QPSK	12	7	20.57	20.59	20.55		
5	QPSK	12	13	20.46	20.56	20.50		
5	QPSK	25	0	20.44	20.64	20.50		
5	16QAM	1	0	20.61	20.66	20.64		
5	16QAM	1	12	20.77	20.70	20.70	22	1
5	16QAM	1	24	20.66	20.79	20.74		
5	16QAM	12	0	19.52	19.59	19.75		
5	16QAM	12	7	19.70	19.59	19.58	21	2
5	16QAM	12	13	19.53	19.64	19.52		
5	16QAM	25	0	19.61	19.66	19.64		
5	64QAM	1	0	19.26	19.37	19.47		
5	64QAM	1	12	19.52	19.33	19.32	21	2
5	64QAM	1	24	19.41	19.55	19.30		
5	64QAM	12	0	18.31	18.37	18.39		
5	64QAM	12	7	18.44	18.37	18.31	20	3
5	64QAM	12	13	18.15	18.19	18.19		
5	64QAM	25	0	18.40	18.41	18.39		
5	256QAM	1	0	16.48	16.51	16.59		
5	256QAM	1	12	16.50	16.58	16.49	18	5
5	256QAM	1	24	16.60	16.62	16.64		
5	256QAM	12	0	16.52	16.53	16.45		
5	256QAM	12	7	16.58	16.51	16.59	18	5
5	256QAM	12	13	16.51	16.54	16.55		
5	256QAM	25	0	16.63	16.61	16.54		

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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	21.95	21.90	21.99	21.68	21.51		
20	QPSK	1	49	21.90	21.83	21.80	21.68	21.70	23	0
20	QPSK	1	99	21.93	21.74	21.87	21.67	21.86		
20	QPSK	50	0	20.82	21.01	21.03	20.91	20.82		
20	QPSK	50	24	20.84	20.95	20.86	20.82	20.92	22	1
20	QPSK	50	50	21.00	20.92	20.94	20.82	20.99		
20	QPSK	100	0	20.96	20.89	20.99	20.79	20.79		
20	16QAM	1	0	20.89	20.75	20.86	20.87	20.94		
20	16QAM	1	49	20.77	20.76	20.93	20.84	20.88	22	1
20	16QAM	1	99	20.84	20.91	20.84	20.77	20.77		
20	16QAM	50	0	20.05	19.97	19.95	19.96	19.83		
20	16QAM	50	24	19.87	19.82	19.94	20.05	19.88	21	2
20	16QAM	50	50	19.92	20.01	19.90	19.94	19.98		
20	16QAM	100	0	20.03	20.02	19.93	20.04	19.93		
20	64QAM	1	0	19.92	20.07	19.96	19.92	20.03		
20	64QAM	1	49	19.90	19.93	20.09	20.08	20.03	21	2
20	64QAM	1	99	19.90	20.07	19.93	20.09	19.90		
20	64QAM	50	0	18.96	19.03	18.98	19.07	19.06		
20	64QAM	50	24	18.96	18.97	18.98	18.96	19.05	20	3
20	64QAM	50	50	19.01	18.99	19.04	19.08	18.88		
20	64QAM	100	0	19.94	19.86	19.97	19.98	19.94		
20	256QAM	1	0	17.04	17.00	16.98	16.95	17.03		
20	256QAM	1	49	17.09	16.97	17.05	17.09	16.91	18	5
20	256QAM	1	99	16.93	17.11	16.90	16.86	17.03		
20	256QAM	50	0	17.05	16.91	16.96	16.84	17.02		
20	256QAM	50	24	16.89	17.03	16.85	16.87	16.85	18	5
20	256QAM	50	50	17.03	16.89	16.86	16.84	17.03		
20	256QAM	100	0	16.85	16.99	16.92	16.89	16.82		
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	21.88	21.80	21.87	21.61	21.47		
15	QPSK	1	37	21.86	21.75	21.76	21.57	21.58	23	0
15	QPSK	1	74	21.85	21.65	21.75	21.59	21.75		
15	QPSK	36	0	20.74	20.95	20.98	20.85	20.72		
15	QPSK	36	20	20.75	20.88	20.82	20.78	20.84	22	1
15	QPSK	36	39	20.95	20.81	20.83	20.78	20.92		
15	QPSK	75	0	20.92	20.81	20.95	20.71	20.71		
15	16QAM	1	0	20.86	20.64	20.74	20.76	20.84		
15	16QAM	1	37	20.65	20.68	20.90	20.74	20.84	22	1
15	16QAM	1	74	20.77	20.79	20.78	20.67	20.70		
15	16QAM	36	0	19.98	19.92	19.91	19.88	19.70		
15	16QAM	36	20	19.84	19.71	19.90	20.01	19.82	21	2
15	16QAM	36	39	19.86	19.92	19.84	19.85	19.86		
15	16QAM	75	0	19.97	19.91	19.80	20.01	19.85		
15	64QAM	1	0	19.80	20.01	19.92	19.82	20.00		
15	64QAM	1	37	19.82	19.84	20.06	20.01	19.97	21	2
15	64QAM	1	74	19.83	19.95	19.90	20.04	19.80		
15	64QAM	36	0	18.89	18.98	18.87	19.03	18.97		
15	64QAM	36	20	18.92	18.91	18.86	18.86	18.96	20	3
15	64QAM	36	39	18.91	18.95	18.99	19.05	18.81		
15	64QAM	75	0	19.89	19.74	19.89	19.87	19.88		
15	256QAM	1	0	16.96	16.88	16.87	16.86	16.96		
15	256QAM	1	37	17.02	16.90	16.98	17.05	16.83	18	5
15	256QAM	1	74	16.81	17.03	16.84	16.74	16.94		
15	256QAM	36	0	16.99	16.82	16.92	16.77	16.91		
15	256QAM	36	20	16.80	16.94	16.74	16.83	16.81	18	5
15	256QAM	36	39	16.94	16.85	16.75	16.77	16.98		
15	256QAM	75	0	16.76	16.90	16.84	16.83	16.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.86	21.82	21.87	21.56	21.45		
10	QPSK	1	25	21.80	21.72	21.69	21.59	21.67	23	0
10	QPSK	1	49	21.83	21.70	21.83	21.56	21.75		
10	QPSK	25	0	20.78	20.96	20.99	20.86	20.71		
10	QPSK	25	12	20.74	20.85	20.82	20.72	20.83	22	1
10	QPSK	25	25	20.93	20.84	20.89	20.78	20.91		
10	QPSK	50	0	20.92	20.77	20.93	20.67	20.73		
10	16QAM	1	0	20.85	20.65	20.73	20.80	20.90		
10	16QAM	1	25	20.64	20.64	20.85	20.73	20.75	22	1
10	16QAM	1	49	20.73	20.80	20.79	20.71	20.69		
10	16QAM	25	0	20.00	19.92	19.89	19.92	19.70		
10	16QAM	25	12	19.80	19.77	19.90	19.94	19.84	21	2
10	16QAM	25	25	19.82	19.93	19.86	19.82	19.90		
10	16QAM	50	0	19.96	19.89	19.83	20.00	19.85		
10	64QAM	1	0	19.85	19.99	19.84	19.85	19.93		
10	64QAM	1	25	19.78	19.83	20.03	19.96	19.99	21	2
10	64QAM	1	49	19.83	20.04	19.81	19.99	19.80		
10	64QAM	25	0	18.84	18.99	18.90	18.96	18.97		
10	64QAM	25	12	18.93	18.93	18.87	18.91	18.93	20	3
10	64QAM	25	25	18.92	18.95	18.92	18.96	18.82		
10	64QAM	50	0	19.90	19.76	19.88	19.94	19.85		
10	256QAM	1	0	16.98	16.95	16.91	16.88	16.97		
10	256QAM	1	25	16.98	16.91	16.92	17.03	16.85	18	5
10	256QAM	1	49	16.87	16.99	16.78	16.73	16.94		
10	256QAM	25	0	16.95	16.87	16.87	16.76	16.99		
10	256QAM	25	12	16.84	16.98	16.74	16.80	16.76	18	5
10	256QAM	25	25	16.97	16.77	16.74	16.76	16.92		
10	256QAM	50	0	16.78	16.87	16.84	16.78	16.74		
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	21.88	21.87	21.88	21.65	21.40		
5	QPSK	1	12	21.83	21.75	21.71	21.63	21.66	23	0
5	QPSK	1	24	21.85	21.64	21.83	21.61	21.75		
5	QPSK	12	0	20.75	20.92	20.95	20.87	20.72		
5	QPSK	12	7	20.74	20.86	20.73	20.71	20.83	22	1
5	QPSK	12	13	20.88	20.89	20.90	20.75	20.90		
5	QPSK	25	0	20.87	20.83	20.92	20.70	20.76		
5	16QAM	1	0	20.82	20.64	20.81	20.82	20.85		
5	16QAM	1	12	20.73	20.66	20.87	20.73	20.85	22	1
5	16QAM	1	24	20.74	20.80	20.79	20.73	20.67		
5	16QAM	12	0	19.98	19.85	19.87	19.84	19.72		
5	16QAM	12	7	19.80	19.74	19.84	19.95	19.78	21	2
5	16QAM	12	13	19.88	19.90	19.77	19.85	19.90		
5	16QAM	25	0	19.94	19.97	19.83	19.96	19.80		
5	64QAM	1	0	19.81	19.98	19.90	19.82	19.93		
5	64QAM	1	12	19.77	19.88	20.04	19.99	19.90	21	2
5	64QAM	1	24	19.79	20.01	19.90	20.01	19.84		
5	64QAM	12	0	18.87	18.96	18.87	18.97	18.98		
5	64QAM	12	7	18.87	18.94	18.86	18.86	19.01	20	3
5	64QAM	12	13	18.95	18.92	18.94	19.01	18.77		
5	64QAM	25	0	19.83	19.80	19.93	19.93	19.86		
5	256QAM	1	0	16.95	16.93	16.91	16.82	16.94		
5	256QAM	1	12	17.01	16.87	16.96	17.02	16.79	18	5
5	256QAM	1	24	16.81	17.06	16.82	16.75	16.90		
5	256QAM	12	0	16.95	16.81	16.88	16.78	16.96		
5	256QAM	12	7	16.83	16.94	16.80	16.81	16.80	18	5
5	256QAM	12	13	16.96	16.78	16.77	16.75	16.91		
5	256QAM	25	0	16.74	16.93	16.84	16.83	16.71		

Band 41 HPUE Ant1

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	24.85	24.84	24.87	24.69	24.47		
20	QPSK	1	49	24.67	24.76	24.81	24.49	24.80	26	0
20	QPSK	1	99	24.58	24.78	24.64	24.48	24.75		
20	QPSK	50	0	23.78	23.71	23.96	23.72	23.82		
20	QPSK	50	24	23.73	23.85	23.80	23.72	23.65	25	1
20	QPSK	50	50	23.66	23.81	23.75	23.67	23.73		
20	QPSK	100	0	23.65	23.82	23.83	23.80	23.75		
20	16QAM	1	0	23.76	23.93	23.85	23.75	23.81		
20	16QAM	1	49	23.86	23.74	23.92	23.81	23.89	25	1
20	16QAM	1	99	23.80	23.97	23.73	23.85	23.85		
20	16QAM	50	0	22.74	22.79	22.87	22.84	22.96		
20	16QAM	50	24	22.81	22.99	22.76	22.97	22.98	24	2
20	16QAM	50	50	22.91	22.82	22.77	22.81	22.74		
20	16QAM	100	0	22.87	22.90	22.81	22.88	22.92		
20	64QAM	1	0	22.78	22.76	22.78	22.74	22.68		
20	64QAM	1	49	22.78	22.82	22.73	22.81	22.77	24	2
20	64QAM	1	99	22.72	22.68	22.72	22.65	22.77		
20	64QAM	50	0	21.86	21.89	21.88	21.90	22.01		
20	64QAM	50	24	21.85	21.84	21.78	21.82	21.88	23	3
20	64QAM	50	50	21.75	21.89	21.86	21.83	21.83		
20	64QAM	100	0	21.69	21.93	21.80	21.83	21.72		
20	256QAM	1	0	19.86	19.84	19.88	19.86	19.98		
20	256QAM	1	49	19.76	19.76	19.90	19.77	19.95	21	5
20	256QAM	1	99	19.93	19.97	19.98	19.92	19.93		
20	256QAM	50	0	19.75	19.88	19.85	19.76	19.92		
20	256QAM	50	24	19.76	19.88	19.96	19.85	19.87	21	5
20	256QAM	50	50	19.84	19.72	19.90	19.92	19.92		
20	256QAM	100	0	19.82	19.98	19.86	19.98	19.91		
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	24.81	24.76	24.80	24.59	24.39		
15	QPSK	1	37	24.58	24.71	24.77	24.43	24.68	26	0
15	QPSK	1	74	24.45	24.73	24.56	24.44	24.64		
15	QPSK	36	0	23.71	23.65	23.78	23.64	23.77		
15	QPSK	36	20	23.66	23.72	23.68	23.64	23.53	25	1
15	QPSK	36	39	23.61	23.72	23.71	23.61	23.61		
15	QPSK	75	0	23.57	23.76	23.71	23.72	23.67		
15	16QAM	1	0	23.65	23.85	23.80	23.64	23.70		
15	16QAM	1	37	23.74	23.67	23.86	23.75	23.83	25	1
15	16QAM	1	74	23.76	23.92	23.67	23.73	23.80		
15	16QAM	36	0	22.70	22.69	22.79	22.72	22.88		
15	16QAM	36	20	22.75	22.91	22.69	22.85	22.85	24	2
15	16QAM	36	39	22.87	22.75	22.74	22.77	22.65		
15	16QAM	75	0	22.78	22.81	22.76	22.84	22.83		
15	64QAM	1	0	22.69	22.69	22.70	22.67	22.59		
15	64QAM	1	37	22.70	22.69	22.68	22.78	22.65	24	2
15	64QAM	1	74	22.61	22.63	22.59	22.55	22.67		
15	64QAM	36	0	21.75	21.86	21.78	21.78	21.94		
15	64QAM	36	20	21.82	21.75	21.71	21.69	21.80	23	3
15	64QAM	36	39	21.63	21.84	21.80	21.76	21.76		
15	64QAM	75	0	21.63	21.82	21.69	21.72	21.66		
15	256QAM	1	0	19.75	19.71	19.83	19.75	19.86		
15	256QAM	1	37	19.70	19.70	19.81	19.73	19.91	21	5
15	256QAM	1	74	19.87	19.90	19.87	19.87	19.82		
15	256QAM	36	0	19.62	19.83	19.80	19.69	19.83		
15	256QAM	36	20	19.68	19.82	19.91	19.74	19.79	21	5
15	256QAM	36	39	19.81	19.62	19.83	19.83	19.85		
15	256QAM	75	0	19.69	19.90	19.80	19.86	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.77	24.78	24.84	24.59	24.37		
10	QPSK	1	25	24.59	24.63	24.73	24.44	24.77	26	0
10	QPSK	1	49	24.49	24.75	24.59	24.43	24.68		
10	QPSK	25	0	23.72	23.63	23.83	23.63	23.76		
10	QPSK	25	12	23.67	23.79	23.75	23.64	23.57	25	1
10	QPSK	25	25	23.57	23.77	23.65	23.56	23.69		
10	QPSK	50	0	23.55	23.77	23.77	23.69	23.71		
10	16QAM	1	0	23.66	23.90	23.82	23.68	23.74		
10	16QAM	1	25	23.75	23.63	23.83	23.75	23.78	25	1
10	16QAM	1	49	23.76	23.94	23.61	23.78	23.73		
10	16QAM	25	0	22.65	22.66	22.75	22.81	22.91		
10	16QAM	25	12	22.77	22.94	22.71	22.92	22.86	24	2
10	16QAM	25	25	22.82	22.72	22.73	22.70	22.70		
10	16QAM	50	0	22.81	22.86	22.70	22.79	22.83		
10	64QAM	1	0	22.66	22.73	22.68	22.73	22.56		
10	64QAM	1	25	22.73	22.70	22.62	22.70	22.70	24	2
10	64QAM	1	49	22.59	22.56	22.60	22.60	22.68		
10	64Q

GSM1900 Ant2	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	29.42	29.51	29.40	30.50	20.42	20.51	20.40	21.50
GPRS 1 Tx slot	29.41	29.45	29.39	30.50	20.41	20.45	20.39	21.50
GPRS 2 Tx slots	26.45	26.48	26.36	27.50	20.45	20.48	20.36	21.50
GPRS 3 Tx slots	24.64	24.74	24.66	25.50	20.38	20.48	20.40	21.24
GPRS 4 Tx slots	23.44	23.48	23.37	24.50	20.44	20.48	20.37	21.50
EDGE 1 Tx slot	25.78	25.85	25.76	27.00	16.78	16.85	16.76	18.00
EDGE 2 Tx slots	24.44	24.58	24.51	25.50	18.44	18.58	18.51	19.50
EDGE 3 Tx slots	21.95	21.98	21.84	23.00	17.69	17.72	17.58	18.74
EDGE 4 Tx slots	20.53	20.66	20.61	21.50	17.53	17.66	17.61	18.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			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	22.26	22.30	22.23	24.00	22.21	22.24	22.15	24.00
3GPP Rel 99	RMC 12.2Kbps	22.29	22.32	22.24	24.00	22.22	22.27	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.09	21.36	21.11	23.00	21.03	21.39	21.11	23.00
3GPP Rel 6	HSDPA Subtest-2	21.25	21.27	21.02	23.00	21.22	21.21	21.03	23.00
3GPP Rel 6	HSDPA Subtest-3	20.58	20.75	20.54	22.50	20.56	20.68	20.54	22.50
3GPP Rel 6	HSDPA Subtest-4	20.68	20.78	20.66	22.50	20.66	20.78	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.12	21.25	21.08	23.00	21.07	21.21	21.09	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.19	21.22	21.26	23.00	21.15	21.15	21.20	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.62	20.63	20.73	22.50	20.56	20.63	20.69	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.70	20.62	22.50	20.71	20.70	20.56	22.00
3GPP Rel 6	HSUPA Subtest-1	21.23	21.23	21.07	23.00	21.24	21.22	21.06	23.00
3GPP Rel 6	HSUPA Subtest-2	19.29	19.33	19.08	21.00	19.20	19.25	19.04	21.00
3GPP Rel 6	HSUPA Subtest-3	20.20	20.21	20.17	22.00	20.22	20.12	20.16	22.00
3GPP Rel 6	HSUPA Subtest-4	19.17	19.29	19.04	21.00	19.17	19.27	19.05	21.00
3GPP Rel 6	HSUPA Subtest-5	21.26	21.31	21.22	23.00	21.19	21.32	21.16	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.79	18.84	18.52	20.50	18.73	18.79	18.53	20.50

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.76	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.71	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	21.65	21.60		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	21.95	21.89	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.69	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.69	17.65	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.81	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.65	21.62		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.85	20.75	20.79		
10	16QAM	50	0	20.83	20.79	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.68	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.79	17.77	17.68	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.08	22.06	22.10	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.65	20.75	20.80		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	20.93	21.00		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.96	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.85		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.80	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.80	17.78	17.65	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	23.06	23.08	23.00		
20	QPSK	1	49	23.00	23.02	22.89	24	0
20	QPSK	1	99	23.01	23.00	22.84		
20	QPSK	50	0	22.14	22.15	22.12		
20	QPSK	50	24	22.14	22.13	22.14	23	1
20	QPSK	50	50	22.10	22.02	22.13		
20	QPSK	100	0	22.02	22.11	22.03		
20	16QAM	1	0	22.24	22.28	22.21		
20	16QAM	1	49	22.21	22.38	22.41	23	1
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22	2
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.24	21.21	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22	2
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21	3
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19	5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19	5
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95		
15	QPSK	1	37	22.95	22.92	22.82	24	0
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01		
15	QPSK	36	20	22.07	22.00	22.02	23	1
15	QPSK	36	39	21.97	21.94	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17		
15	16QAM	1	37	22.15	22.31	22.35	23	1
15	16QAM	1	74	22.10	22.25	22.16		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22	2
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	21.07	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22	2
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.01	19.91	19.95	21	3
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.05	18.14	19	5
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19	5
15	256QAM	36	39	18.04	17.95	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	22.90		
10	QPSK	1	25	22.93	22.96	22.85	24	0
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00		
10	QPSK	25	12	22.05	22.04	22.09	23	1
10	QPSK	25	25	22.05	21.91	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13		
10	16QAM	1	25	22.13	22.33	22.32	23	1
10	16QAM	1	49	22.12	22.28	22.18		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	21.00	20.87	21.02	22	2
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22	2
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21	3
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19	5
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	17.84	17.98	17.91	19	5
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88		
5	QPSK	1	12	22.91	22.97	22.80	24	0
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03		
5	QPSK	12	7	22.06	22.09	22.11	23	1
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09		
5	16QAM	1	12	22.12	22.25	22.34	23	1
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22	2
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22	2
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21	3
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19	5
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	17.95	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19	5
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94		
3	QPSK	1	8	22.94	22.93	22.77	24	0
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.03	22.08		
3	QPSK	8	4	22.03	22.03	22.06	23	1
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.15	22.21	22.17		
3	16QAM	1	8	22.11	22.33	22.35	23	1
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.84	21.00	22	2
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.06	21.05	22	2
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21	3
3	64QAM	8	7	20.02	20.08	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19	5
3	256QAM	1	14	18.18	17.98	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19	5
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.97	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55		
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58	24	0
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77		
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98	23	1
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22	2
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.80	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.68	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67	19	5
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19	5

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92		
20	QPSK	1	49	22.95	23.13	22.73	24	0
20	QPSK	1	99	22.94	23.04	22.91		
20	QPSK	50	0	21.89	21.97	21.92		
20	QPSK	50	24	21.83	21.76	21.95	23	1
20	QPSK	50	50	21.91	21.89	21.82		
20	QPSK	100	0	21.75	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38		
20	16QAM	1	49	22.34	22.44	22.38	23	1
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM	50	24	21.06	21.05	21.06	22	2
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.96	22.98	22.78	24	0
20	QPSK	1	49	22.79	22.90	22.60		
20	QPSK	1	99	22.95	22.82	22.63		
20	QPSK	50	0	21.79	21.94	21.81	23	1
20	QPSK	50	24	21.77	21.73	21.92		
20	QPSK	50	50	21.91	21.90	21.87		
20	QPSK	100	0	21.84	21.90	21.76		
20	16QAM	1	0	22.06	22.07	22.06	23	1
20	16QAM	1	49	22.04	22.15	22.07		
20	16QAM	1	99	22.16	22.12	22.18		
20	16QAM	50	0	21.02	20.91	20.98	22	2
20	16QAM	50	24	20.87	20.80	20.84		
20	16QAM	50	50	21.02	20.87	20.95		
20	16QAM	100	0	20.89	20.88	20.88		
20	64QAM	1	0	20.94	21.04	20.95	22	2
20	64QAM	1	49	20.91	21.13	21.11		
20	64QAM	1	99	21.03	20.92	20.99		
20	64QAM	50	0	20.00	19.91	19.88	21	3
20	64QAM	50	24	19.85	19.88	19.81		
20	64QAM	50	50	20.03	20.04	19.82		
20	64QAM	100	0	19.88	19.89	19.84		
20	256QAM	1	0	17.99	17.93	17.83	19	5
20	256QAM	1	49	17.90	17.98	18.03		
20	256QAM	1	99	17.92	17.92	17.94		
20	256QAM	50	0	17.93	17.88	17.92	19	5
20	256QAM	50	24	17.95	17.90	18.00		
20	256QAM	50	50	17.84	18.00	17.75		
20	256QAM	100	0	17.89	17.89	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.92	22.86	22.69	24	0
15	QPSK	1	37	22.72	22.86	22.56		
15	QPSK	1	74	22.90	22.73	22.57		
15	QPSK	36	0	21.69	21.88	21.70	23	1
15	QPSK	36	20	21.69	21.86	21.80		
15	QPSK	36	39	21.84	21.83	21.76		
15	QPSK	75	0	21.75	21.83	21.67		
15	16QAM	1	0	21.98	22.02	22.00	23	1
15	16QAM	1	37	21.92	22.08	21.99		
15	16QAM	1	74	22.05	22.09	22.13		
15	16QAM	36	0	20.96	20.86	20.89	22	2
15	16QAM	36	20	20.81	20.74	20.73		
15	16QAM	36	39	20.99	20.81	20.85		
15	16QAM	75	0	20.79	20.78	20.75		
15	64QAM	1	0	20.89	20.92	20.91	22	2
15	64QAM	1	37	20.86	21.07	21.07		
15	64QAM	1	74	20.95	20.81	20.93		
15	64QAM	36	0	19.88	19.85	19.82	21	3
15	64QAM	36	20	19.80	19.85	19.78		
15	64QAM	36	39	19.93	20.01	19.75		
15	64QAM	75	0	19.85	19.81	19.80		
15	256QAM	1	0	17.86	17.84	17.77	19	5
15	256QAM	1	37	17.84	17.94	17.96		
15	256QAM	1	74	17.86	17.82	17.91		
15	256QAM	36	0	17.86	17.77	17.81	19	5
15	256QAM	36	20	17.88	17.77	17.96		
15	256QAM	36	39	17.78	17.96	17.65		
15	256QAM	75	0	17.77	17.77	17.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.86	22.66	24	0
10	QPSK	1	25	22.72	22.83	22.49		
10	QPSK	1	49	22.88	22.70	22.57		
10	QPSK	25	0	21.70	21.89	21.75	23	1
10	QPSK	25	12	21.66	21.64	21.81		
10	QPSK	25	25	21.83	21.85	21.82		
10	QPSK	50	0	21.77	21.81	21.70		
10	16QAM	1	0	22.00	21.97	22.03	23	1
10	16QAM	1	25	21.91	22.04	22.01		
10	16QAM	1	49	22.07	21.99	22.06		
10	16QAM	25	0	20.91	20.80	20.93	22	2
10	16QAM	25	12	20.80	20.77	20.74		
10	16QAM	25	25	20.92	20.82	20.85		
10	16QAM	50	0	20.81	20.84	20.80		
10	64QAM	1	0	20.85	21.00	20.83	22	2
10	64QAM	1	25	20.81	21.09	21.02		
10	64QAM	1	49	20.93	20.82	20.90		
10	64QAM	25	0	19.96	19.78	19.82	21	3
10	64QAM	25	12	19.72	19.84	19.77		
10	64QAM	25	25	19.91	19.99	19.78		
10	64QAM	50	0	19.81	19.85	19.72		
10	256QAM	1	0	17.95	17.87	17.73	19	5
10	256QAM	1	25	17.86	17.86	17.99		
10	256QAM	1	49	17.85	17.81	17.89		
10	256QAM	25	0	17.82	17.79	17.82	19	5
10	256QAM	25	12	17.90	17.77	17.97		
10	256QAM	25	25	17.76	17.94	17.70		
10	256QAM	50	0	17.77	17.78	17.87		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.97	22.97	22.94	24	0
5	QPSK	1	12	22.90	22.91	22.83		
5	QPSK	1	24	22.95	22.91	22.73		
5	QPSK	12	0	22.08	22.11	22.05	23	1
5	QPSK	12	7	22.10	22.02	22.02		
5	QPSK	12	13	21.98	21.91	22.02		
5	QPSK	25	0	21.99	22.02	21.90		
5	16QAM	1	0	22.18	22.21	22.11	23	1
5	16QAM	1	12	22.14	22.32	22.32		
5	16QAM	1	24	22.08	22.23	22.18		
5	16QAM	12	0	21.12	20.94	20.94	22	2
5	16QAM	12	7	21.02	20.83	21.01		
5	16QAM	12	13	20.90	20.96	20.98		
5	16QAM	25	0	21.05	21.05	21.00		
5	64QAM	1	0	21.12	21.09	21.11	22	2
5	64QAM	1	12	21.16	21.07	21.07		
5	64QAM	1	24	21.16	21.20	21.15		
5	64QAM	12	0	20.11	20.07	20.14	21	3
5	64QAM	12	7	20.01	19.88	19.97		
5	64QAM	12	13	20.05	20.17	20.07		
5	64QAM	25	0	20.08	20.01	20.18		
5	256QAM	1	0	18.13	18.10	18.16	19	5
5	256QAM	1	12	17.99	18.09	18.13		
5	256QAM	1	24	18.25	18.06	18.13		
5	256QAM	12	0	18.05	17.96	17.88	19	5
5	256QAM	12	7	17.85	17.96	17.91		
5	256QAM	12	13	18.02	17.93	17.96		
5	256QAM	25	0	17.92	18.06	18.16		
Channel				26025	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.95	22.96	22.97	24	0
3	QPSK	1	8	22.89	22.97	22.86		
3	QPSK	1	14	22.94	22.92	22.76		
3	QPSK	8	0	22.04	22.08	22.03	23	1
3	QPSK	8	4	22.09	22.02	22.08		
3	QPSK	8	7	22.00	21.89	22.07		
3	QPSK	15	0	21.98	22.05	21.98		
3	16QAM	1	0	22.11	22.16	22.09	23	1
3	16QAM	1	8	22.14	22.30	22.36		
3	16QAM	1	14	22.13	22.25	22.21		
3	16QAM	8	0	21.10	20.94	20.98	22	2
3	16QAM	8	4	20.99	20.85	20.94		
3	16QAM	8	7	20.89	20.93	21.01		
3	16QAM	15	0	21.06	21.01	21.05		
3	64QAM	1	0	21.19	21.10	21.10	22	2
3	64QAM	1	8	21.16	21.06	21.01		
3	64QAM	1	14	21.20	21.14	21.12		
3	64QAM	8	0	20.09	20.00	20.14	21	3
3	64QAM	8	4	20.05	19.93	19.92		
3	64QAM	8	7	20.04	20.09	20.08		
3	64QAM	15	0	20.11	19.97	20.11		
3	256QAM	1	0	18.12	18.12	18.20	19	5
3	256QAM	1	8	17.96	18.12	18.11		
3	256QAM	1	14	18.18	17.99	18.13		
3	256QAM	8	0	18.05	17.99	17.89	19	5
3	256QAM	8	4	17.88	18.01	17.94		
3	256QAM	8	7	18.04	17.92	18.00		
3	256QAM	15	0	17.95	18.06	18.08		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.17	23.01	24	0
20	QPSK	1	49	22.95	22.99	22.88		
20	QPSK	1	99	22.87	22.81	23.00		
20	QPSK	50	0	21.89	21.94	21.79	23	1
20	QPSK	50	24	21.79	21.92	21.92		
20	QPSK	50	50	21.73	21.86	21.81		
20	QPSK	100	0	21.78	21.86	21.82		
20	16QAM	1	0	22.30	22.28	22.18	23	1
20	16QAM	1	49	22.27	22.15	22.25		
20	16QAM	1	99	22.23	22.19	22.37		
20	16QAM	50	0	20.95	20.94	20.96	22	2
20	16QAM	50	24	21.06	20.90	20.87		
20	16QAM	50	50	20.96	20.88	21.01		
20	16QAM	100	0	20.86	20.95	20.86		
20	64QAM	1	0	21.18	21.15	21.14	22	2
20	64QAM	1	49	21.25	21.05	21.05		
20	64QAM	1	99	21.24	21.13	21.20		
20	64QAM	50	0	20.02	19.92	19.95	21	3
20	64QAM	50	24	19.97	19.98	19.81		
20	64QAM	50	50	19.81	20.01	20.01		
20	64QAM	100	0	19.97	19.93	19.99		
20	256QAM	1	0	18.22	18.09	18.04	19	5
20	256QAM	1	49	18.18	18.00	18.04		
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84	19	5
20	256QAM	50	24	17.85	17.88	17.81		
20	256QAM	50	50	17.78	17.97	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.92	22.94	22.73	24	0
15	QPSK	1	37	22.68	22.79	22.47		
15	QPSK	1	74	22.86	22.75	22.55		
15	QPSK	36	0	21.74	21.86	21.69	23	1
15	QPSK	36	20	21.69	21.65	21.81		
15	QPSK	36	39	21.81	21.86	21.80		
15	QPSK	75	0	21.72	21.81	21.68		
15	16QAM	1	0	21.99	22.00	22.02	23	1
15	16QAM	1	37	21.91	22.06	21.97		
15	16QAM	1	74	22.05	22.06	22.11		
15	16QAM	36	0	20.94	20.86	20.93	22	2
15	16QAM	36	20	20.76	20.72	20.74		
15	16QAM	36	39	20.98	20.77	20.84		
15	16QAM	75	0	20.78	20.78	20.84		
15	64QAM	1	0	20.84	20.92	20.90	22	2
15	64QAM	1	37	20.79	21.05	21.05		
15	64QAM	1	74	20.98	20.84	20.92		
15	64QAM	36	0	19.95	19.79	19.78	21	3
15	64QAM	36	20	19.78	19.78	19.77		
15	64QAM	36	39	19.96	19.92	19.79		
15	64QAM	75	0	19.83	19.81	19.80		
15	256QAM	1	0	17.93	17.87	17.77	19	5
15	256QAM	1	37	17.78	17.87	17.92		
15	256QAM	1	74	17.87	17.83	17.87		
15	256QAM	36	0	17.81	17.76	17.82	19	5
15	256QAM	36	20	17.86	17.78	17.91		
15	256QAM	36	39	17.74	17.87	17.89		
15	256QAM	75	0	17.84	17.86	17.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.89	22.93	22.73	24	0
10	QPSK	1	25	22.66	22.81	22.56		
10	QPSK	1	49	22.83	22.74	22.56		
10	QPSK	25	0	21.74	21.91	21.77	23	1
10	QPSK	25	12	21.69	21.66	21.86		
10	QPSK	25	25	21.78	21.86	21.83		
10	QPSK	50	0	21.74	21.86	21.63		
10	16QAM	1	0	22.02	21.99	21.97	23	1
10	16QAM	1	25	22.00	22.09	21.97		
10	16QAM	1	49	22.06	22.01	22.13		
10	16QAM	25	0	20.95	20.84	20.86	22	2
10	16QAM	25	12	20.81	20.72	20.76		
10	16QAM	25	25	20.99	20.76	20.86		
10	16QAM	50	0	20.81	20.78	20.80		
10	64QAM	1	0	20.83	20.93	20.87	22	2
10	64QAM	1	25	20.83	21.01	21.01		
10	64QAM	1	49	20.92	20.79	20.95		
10	64QAM	25	0	19.97	19.80	19.82	21	3
10	64QAM	25	12	19.76	19.76	19.78		
10	64QAM	25	25	19.95	19.98	19.76		
10	64QAM	50	0	19.84	19.84	19.79		
10	256QAM	1	0	17.93	17.83	17.79	19	5
10	256QAM	1	25	17.87	17.88	17.91		
10	256QAM	1	49	17.84	17.83	17.87		
10	256QAM	25	0	17.88	17.80	17.83	19	5
10	256QAM	25	12	17.84	17.85	17.96		
10	256QAM	25	25	17.80	17.92	17.64		
10	256QAM	50	0	17.84	17.82	17.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.88	22.93	22.68	24	0
5	QPSK	1	12	22.75	22.83	22.55		
5	QPSK	1	24	22.87	22.79	22.57		
5	QPSK	12	0	21.74	21.89	21.74	23	1
5	QPSK	12	7	21.66	21.86	21.87		
5	QPSK	12	13	21.88	21.80	21.77		
5	QPSK	25	0	21.81	21.84	21.72		
5	16QAM	1	0	21.96	22.02	21.95	23	1
5	16QAM	1	12	21.97	22.02	21.97		
5	16QAM	1	24	22.12	22.06	22.07		
5	16QAM	12	0	20.91	20.80	20.91	22	2
5	16QAM	12	7	20.78	20.76	20.72		
5	16QAM	12	13	20.93	20.78	20.82		
5	16QAM	25	0	20.81	20.84	20.77		
5	64QAM	1	0	20.82	20.93	20.87	22	2
5	64QAM	1	12	20.86	21.06	21.04		
5	64QAM	1	24	20.97	20.87	20.91		
5	64QAM	12	0	19.94	19.79	19.79	21	3
5	64QAM	12	7	19.75	19.79	19.74		
5	64QAM	12	13	19.98	19.94	19.75		
5	64QAM	25	0	19.80	19.83	19.80		
5	256QAM	1	0	17.90	17.88	17.76	19	5
5	256QAM	1	12	17.80	17.86	17.99		
5	256QAM	1	24	17.85	17.83	17.89		
5	256QAM	12	0	17.82	17.80	17.89	19	5
5	256QAM	12	7	17.85	17.80	17.95		
5	256QAM	12	13	17.74	17.95	17.71		
5	256QAM	25	0	17.77	17.85	17.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.92	22.94	22.69	24	0
3	QPSK	1	8	22.69	22.85	22.53		
3	QPSK	1	14	22.92	22.73	22.50		
3	QPSK	8	0	21.71	21.90	21.75	23	1
3	QPSK	8	4	21.73	21.69	21.88		
3	QPSK	8	7	21.86	21.78	21.78		
3	QPSK	15	0	21.74	21.86	21.71		
3	16QAM	1	0	21.95	22.00	22.01	23	1
3	16QAM	1	8	21.93	22.06	22.03		
3	16QAM	1	14	22.04	22.05	22.14		
3	16QAM	8	0	20.90	20.82	20.88	22	2
3	16QAM	8	4	20.79	20.76	20.79		
3	16QAM	8	7	20.97	20.77	20.83		
3	16QAM	15	0	20.82	20.82	20.83		
3	64QAM	1	0	20.85	20.96	20.86	22	2
3	64QAM	1	8	20.84	21.10	21.06		
3	64QAM	1	14	20.92	20.89	20.95		
3	64QAM	8	0	19.88	19.83	19.78	21	3
3	64QAM	8	4	19.76	19.76	19.70		
3	64QAM	8	7	19.96	19.93	19.71		
3	64QAM	15	0	19.77	19.78	19.73		
3	256QAM	1	0	17.89	17.82	17.77	19	5
3	256QAM	1	8	17.82	17.94	18.00		
3	256QAM	1	14	17.89	17.83	17.84		
3	256QAM	8	0	17.82	17.85	17.84	19	5
3	256QAM	8	4	17.88	17.85	17.92		
3	256QAM	8	7	17.72	17.96	17.68		
3	256QAM	15	0	17.81	17.79	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.95	23.00	22.88	24	0
20	QPSK	1	49	22.75	22.82	22.86		
20	QPSK	1	99	22.80	22.81	22.84		
20	QPSK	50	0	22.00	22.05	21.83	23	1
20	QPSK	50	24	22.00	21.86	21.99		
20	QPSK	50	50	21.86	21.91	22.03		
20	QPSK	100	0	21.92	22.02	21.76		
20	16QAM	1	0	22.00	22.07	22.05	23	1
20	16QAM	1	49	22.16	22.20	22.17		
20	16QAM	1	99	22.20	22.08	22.13		
20	16QAM	50	0	21.13	21.09	21.18	22	2
20	16QAM	50	24	21.04	21.13	21.17		
20	16QAM	50	50	21.03	21.08	21.07		
20	16QAM	100	0	20.99	21.05	21.12		
20	64QAM	1	0	20.69	20.75	20.64	22	2
20	64QAM	1	49	20.73	20.67	20.76		
20	64QAM	1	99	20.86	20.81	20.75		
20	64QAM	50	0	20.11	20.14	20.07	21	3
20	64QAM	50	24	20.09	20.08	20.09		
20	64QAM	50	50	20.08	20.17	20.25		
20	64QAM	100	0	20.14	20.03	20.14		
20	256QAM	1	0	18.06	17.94	17.92	19	5
20	256QAM	1	49	18.07	17.89	17.97		
20	256QAM	1	99	17.84	17.99	17.83		
20	256QAM	50	0	18.20	18.13	18.13	19	5
20	256QAM	50	24	18.00	18.06	18.24		
20	256QAM	50	50	18.13	18.23	18.20		
20	256QAM	100	0	18.12	18.02	18.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.88	22.75	24	0
15	QPSK	1	37	22.69	22.87	22.56		
15	QPSK	1	74	22.84	22.72	22.58		
15	QPSK	36	0	21.67	21.84	21.69	23	1
15	QPSK	36	20	21.64	21.62	21.81		
15	QPSK	36	39	21.84	21.83	21.81		
15	QPSK	75	0	21.72	21.85	21.70		
15	16QAM	1	0	22.00	22.00	22.01	23	1
15	16QAM	1	37	21.95	22.07	21.98		
15	16QAM	1	74	22.13	22.02	22.12		
15	16QAM	36	0	20.90	20.85	20.92	22	2
15	16QAM	36	20	20.77	20.70	20.78		
15	16QAM	36	39	20.97	20.81	20.86		
15	16QAM	75	0	20.85	20.76	20.76		
15	64QAM	1	0	20.84	20.95	20.88	22	2
15	64QAM	1	37	20.82	21.06	21.07		
15	64QAM	1	74	20.90	20.80	20.87		
15	64QAM	36	0	19.93	19.80	19.80	21	3
15	64QAM	36	20	19.80	19.77	19.70		
15	64QAM	36	39	19.98	19.96	19.78		
15	64QAM	75	0	19.85	19.80	19.76		
15	256QAM	1	0	17.96	17.84	17.75	19	5
15	256QAM	1	37	17.85	17.89	17.97		
15	256QAM	1	74	17.79	17.84	17.89		
15	256QAM	36	0	17.88	17.82	17.86	19	5
15	256QAM	36	20	17.84	17.82	17.90		
15	256QAM	36	39	17.74	17.92	17.69		
15	256QAM	75	0	17.77	17.78	17.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.87	22.86	22.65	24	0
10	QPSK	1	25	22.76	22.83	22.55		
10	QPSK	1	49	22.91	22.78	22.52		
10	QPSK	25	0	21.72	21.81	21.76	23	1
10	QPSK	25	12	21.71	21.61	21.83		
10	QPSK	25	25	21.85	21.85	21.82		
10	QPSK	50	0	21.79	21.82	21.65		
10	16QAM	1	0	22.01	21.98	21.97	23	1
10	16QAM	1	25	21.97	22.11	22.04		
10	16QAM	1	49	22.05	22.01	22.12		
10	16QAM	25	0	20.91	20.86	20.88	22	2
10	16QAM	25	12	20.77	20.73	20.78		
10	16QAM	25	25	20.95	20.78	20.82		
10	16QAM	50	0	20.82	20.78	20.85		
10	64QAM	1	0	20.87	20.97	20.82	22	2
10	64QAM	1	25	20.83	21.04	21.03		
10	64QAM	1	49	20.93	20.88	20.90		
10	64QAM	25	0	19.93	19.82	19.80	21	3
10	64QAM	25	12	19.74	19.78	19.76		
10	64QAM	25	25	19.97	19.93	19.78		
10	64QAM	50	0	19.77	19.84	19.78		
10	256QAM	1	0	17.91	17.85	17.75	19	5
10	256QAM	1	25	17.83	17.91	17.99		
10	256QAM	1	49	17.89	17.81	17.89		
10	256QAM	25	0	17.90	17.80	17.79	19	5
10	256QAM	25	12	17.83	17.83	17.96		
10	256QAM	25	25	17.75	17.93	17.69		
10	256QAM	50	0	17.80	17.81	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	22.92	22.65	24	0
5	QPSK	1	12	22.73	22.78	22.52		
5	QPSK	1	24	22.85	22.69	22.58		
5	QPSK	12	0	21.67	21.89	21.70	23	1
5	QPSK	12	7	21.73	21.61	21.86		
5	QPSK	12	13	21.78	21.81	21.76		
5	QPSK	25	0	21.79	21.82	21.70		
5	16QAM	1	0	22.00	21.94	22.01	23	1
5	16QAM	1	12	21.92	22.04	22.03		
5	16QAM	1	24	22.08	22.01	22.08		
5	16QAM	12	0	20.97	20.79	20.88	22	2
5	16QAM	12	7	20.77	20.71	20.72		
5	16QAM	12	13	20.93	20.77	20.86		
5	16QAM	25	0	20.84	20.82	20.76		
5	64QAM	1	0	20.87	20.91	20.85	22	2
5	64QAM	1	12	20.86	21.03	21.06		
5	64QAM	1	24	20.98	20.86	20.87		
5	64QAM	12	0	19.88	19.84	19.79	21	3
5	64QAM	12	7	19.80	19.77	19.68		
5	64QAM	12	13	19.97	19.94	19.71		
5	64QAM	25	0	19.82	19.83	19.72		
5	256QAM	1	0	17.95	17.84	17.70	19	5
5	256QAM	1	12	17.81	17.90	17.97		
5	256QAM	1	24	17.81	17.88	17.90		
5	256QAM	12	0	17.83	17.78	17.80	19	5
5	256QAM	12	7	17.86	17.84	17.96		
5	256QAM	12	13	17.74	17.90	17.63		
5	256QAM	25	0	17.79	17.80	17.86		

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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	23.01	22.97	23.05	22.88	22.79	24	0
20	QPSK	1	49	22.81	22.88	22.95	22.82	22.98		
20	QPSK	1	99	22.92	22.98	22.80	22.82	22.80		
20	QPSK	50	0	21.97	21.93	22.09	21.89	22.02	23	1
20	QPSK	50	24	22.01	21.94	22.03	21.87	22.06		
20	QPSK	50	50	21.87	22.08	21.96	21.86	22.05		
20	QPSK	100	0	21.98	21.93	22.00	21.83	21.80		
20	16QAM	1	0	22.05	21.98	22.10	22.09	22.22	23	1
20	16QAM	1	49	22.08	22.09	22.16	22.18	22.17		
20	16QAM	1	99	22.02	22.16	22.18	22.21	22.21		
20	16QAM	50	0	21.20	21.17	21.11	21.23	21.08	22	2
20	16QAM	50	24	21.24	21.20	21.11	21.10	21.22		
20	16QAM	50	50	21.01	21.21	21.06	21.03	20.99		
20	16QAM	100	0	21.17	21.10	21.06	21.14	21.19		
20	64QAM	1	0	20.71	20.87	20.79	20.90	20.89	22	2
20	64QAM	1	49	20.83	20.70	20.85	20.75	20.76		
20	64QAM	1	99	20.78	20.80	20.90	20.68	20.75		
20	64QAM	50	0	19.99	20.20	20.11	20.08	20.01	21	3
20	64QAM	50	24	20.13	20.16	20.17	20.02	20.08		
20	64QAM	50	50	20.07	20.05	20.13	20.05	20.00		
20	64QAM	100	0	20.01	19.98	20.02	20.02	20.15		
20	256QAM	1	0	17.92	17.97	17.94	18.05	17.91	19	5
20	256QAM	1	49	17.84	17.97	18.00	17.92	17.85		
20	256QAM	1	99	17.87	18.03	17.90	18.03	17.90		
20	256QAM	50	0	18.25	18.06	18.13	18.25	18.16	19	5
20	256QAM	50	24	18.06	18.14	18.15	18.20	18.22		
20	256QAM	50	50	18.12	18.24	18.21	18.24	18.15		
20	256QAM	100	0	17.96	17.98	18.03	17.98	17.96		
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	22.91	22.90	22.93	22.78	22.72	24	0
15	QPSK	1	37	22.78	22.82	22.90	22.71	22.90		
15	QPSK	1	74	22.84	22.94	22.68	22.78	22.76		
15	QPSK	36	0	21.85	21.81	22.05	21.85	21.94	23	1
15	QPSK	36	20	21.98	21.91	21.94	21.76	22.03		
15	QPSK	36	39	21.78	22.03	21.91	21.79	21.99		
15	QPSK	75	0	21.94	21.88	21.93	21.78	21.70		
15	16QAM	1	0	22.02	21.87	22.02	22.04	22.10	23	1
15	16QAM	1	37	21.99	22.02	22.09	22.09	22.13		
15	16QAM	1	74	21.91	22.11	22.14	22.10	22.15		
15	16QAM	36	0	21.09	21.07	21.04	21.11	20.98	22	2
15	16QAM	36	20	21.16	21.07	21.04	20.97	21.15		
15	16QAM	36	39	20.96	21.09	20.96	20.93	20.91		
15	16QAM	75	0	21.09	20.97	20.96	21.01	21.08		
15	64QAM	1	0	20.61	20.78	20.73	20.79	20.81	22	2
15	64QAM	1	37	20.76	20.57	20.75	20.69	20.72		
15	64QAM	1	74	20.75	20.69	20.77	20.64	20.71		
15	64QAM	36	0	19.88	20.11	20.04	19.98	19.89	21	3
15	64QAM	36	20	20.02	20.12	20.10	19.90	19.96		
15	64QAM	36	39	20.01	19.93	20.07	19.96	19.93		
15	64QAM	75	0	19.89	19.94	19.96	19.90	20.06		
15	256QAM	1	0	17.80	17.87	17.91	18.01	17.86	19	5
15	256QAM	1	37	17.75	17.87	17.91	17.85	17.77		
15	256QAM	1	74	17.76	17.98	17.79	17.90	17.78		
15	256QAM	36	0	18.16	17.93	18.02	18.13	18.12	19	5
15	256QAM	36	20	17.94	18.09	18.04	18.13	18.10		
15	256QAM	36	39	17.99	18.19	18.17	18.14	18.11		
15	256QAM	75	0	17.88	17.94	18.00	17.86	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	22.94	23.00	22.78	22.75	24	0
10	QPSK	1	25	22.68	22.77	22.86	22.78	22.93		
10	QPSK	1	49	22.82	22.93	22.74	22.71	22.68		
10	QPSK	25	0	21.88	21.88	22.03	21.79	21.91	23	1
10	QPSK	25	12	21.97	21.91	21.99	21.79	21.99		
10	QPSK	25	25	21.76	22.01	21.87	21.79	21.97		
10	QPSK	50	0	21.92	21.83	21.93	21.77	21.69		
10	16QAM	1	0	22.00	21.94	21.98	22.03	22.17	23	1
10	16QAM	1	25	21.97	22.03	22.05	22.09	22.11		
10	16QAM	1	49	21.97	22.12	22.08	22.15	22.09		
10	16QAM	25	0	21.13	21.13	21.05	21.13	21.02	22	2
10	16QAM	25	12	21.16	21.15	21.00	21.00	21.15		
10	16QAM	25	25	20.92	21.13	20.94	20.92	20.86		
10	16QAM	50	0	21.10	21.02	20.98	21.01	21.13		
10	64QAM	1	0	20.59	20.75	20.74	20.64	20.79	22	2
10	64QAM	1	25	20.79	20.61	20.80	20.63	20.66		
10	64QAM	1	49	20.66	20.71	20.80	20.60	20.71		
10	64QAM	25	0	19.90	20.13	19.99	20.02	19.91	21	3
10	64QAM	25	12	20.04	20.04	20.07	19.91	19.97		
10	64QAM	25	25	20.01	19.98	20.03	20.01	19.90		
10	64QAM	50	0	19.97	19.87	19.96	19.96	20.03		
10	256QAM	1	0	17.88	17.86	17.91	18.01	17.79	19	5
10	256QAM	1	25	17.78	17.90	17.92	17.83	17.81		
10	256QAM	1	49	17.81	17.96	17.78	17.91	17.79		
10	256QAM	25	0	18.17	17.93	18.03	18.19	18.11	19	5
10	256QAM	25	12	17.97	18.01	18.04	18.09	18.18		
10	256QAM	25	25	18.07	18.11	18.10	18.16	18.04		
10	256QAM	50	0	17.92	17.90	17.92	17.90	17.83		
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	22.96	22.86	22.98	22.82	22.72	24	0
5	QPSK	1	12	22.77	22.85	22.82	22.71	22.88		
5	QPSK	1	24	22.83	22.90	22.69	22.73	22.72		
5	QPSK	12	0	21.86	21.85	21.96	21.86	21.93	23	1
5	QPSK	12	7	21.90	21.84	21.98	21.76	21.98		
5	QPSK	12	13	21.81	22.01	21.84	21.80	22.00		
5	QPSK	25	0	21.91	21.83	21.91	21.76	21.73		
5	16QAM	1	0	21.97	21.87	22.07	22.04	22.11	23	1
5	16QAM	1	12	21.99	22.04	22.08	22.07	22.04		
5	16QAM	1	24	22.03	22.10	22.05	22.10	22.15		
5	16QAM	12	0	21.14	21.05	21.07	21.11	20.96	22	2
5	16QAM	12	7	21.13	21.09	21.07	21.01	21.14		
5	16QAM	12	13	20.94	21.14	21.03	20.94	20.90		
5	16QAM	25	0	21.09	21.01	20.96	21.08	21.07		
5	64QAM	1	0	20.67	20.84	20.76	20.82	20.84	22	2
5	64QAM	1	12	20.76	20.63	20.74	20.66	20.66		
5	64QAM	1	24	20.74	20.73	20.77	20.57	20.65		
5	64QAM	12	0	19.92	20.11	20.04	19.96	19.90	21	3
5	64QAM	12	7	20.04	20.09	20.06	19.98	20.04		
5	64QAM	12	13	19.98	19.98	20.07	19.98	19.87		
5	64QAM	25	0	19.97	19.91	19.97	19.96	20.06		
5	256QAM	1	0	17.83	17.91	17.85	17.92	17.80	19	5
5	256QAM	1	12	17.72	17.93	17.90	17.82	17.77		
5	256QAM	1	24	17.82	17.94	17.80	17.99	17.86		
5	256QAM	12	0	18.22	17.98	18.04	18.16	18.07	19	5
5	256QAM	12	7	17.95	18.02	18.06	18.08	18.16		
5	256QAM	12	13	18.05	18.15	18.16	18.21	18.06		
5	256QAM	25	0	17.89	17.93	17.94	17.90	17.89		

Band 41 HPUE Ant2

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	26.06	26.01	26.11	25.88	25.79	27	0
20	QPSK	1	49	25.81	26.04	26.09	25.73	25.86		
20	QPSK	1	99	25.91	25.94	25.99	25.85	25.94		
20	QPSK	50	0	25.03	24.91	25.07	25.04	25.02	26	1
20	QPSK	50	24	24.97	24.92	25.01	25.01	24.81		
20	QPSK	50	50	24.91	24.93	24.93	24.94	25.06		
20	QPSK	100	0	25.00	24.96	25.01	24.96	24.91		
20	16QAM	1	0	25.21	25.33	25.33	25.30	25.33	26	1
20	16QAM	1	49	25.29	25.23	25.35	25.46	25.40		
20	16QAM	1	99	25.29	25.30	25.36	25.41	25.33		
20	16QAM	50	0	24.17	24.15	24.08	23.98	24.02	25	2
20	16QAM	50	24	23.96	24.06	24.00	24.11	24.20		
20	16QAM	50	50	24.19	24.11	24.20	24.09	24.03		
20	16QAM	100	0	24.04	23.96	24.04	24.04	24.10		
20	64QAM	1	0	23.99	24.02	24.07	24.20	24.00	25	2
20	64QAM	1	49	24.17	24.18	24.20	24.19	24.10		
20	64QAM	1	99	24.00	24.10	24.06	24.12	23.95		
20	64QAM	50	0	23.03	23.05	23.12	23.21	23.19	24	3
20	64QAM	50	24	23.19	23.01	23.17	23.16	23.23		
20	64QAM	50	50	23.18	23.07	23.03	22.99	23.13		
20	64QAM	100	0	22.99	22.97	23.05	22.93	22.95		
20	256QAM	1	0	21.13	20.98	21.11	21.07	21.05	22	5
20	256QAM	1	49	21.13	21.00	21.09	21.20	21.08		
20	256QAM	1	99	21.11	21.09	21.13	21.16	21.04		
20	256QAM	50	0	21.21	21.24	21.14	21.25	21.08	22	5
20	256QAM	50	24	21.07	21.11	21.25	21.22	21.12		
20	256QAM	50	50	21.06	21.08	21.09	21.13	21.26		
20	256QAM	100	0	21.09	20.94	21.04	21.06	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	25.95	25.89	26.02	25.76	25.72	27	0
15	QPSK	1	37	25.71	25.97	26.05	25.69	25.79		
15	QPSK	1	74	25.86	25.84	25.92	25.78	25.85		
15	QPSK	36	0	24.91	24.80	24.98	25.00	24.92	26	1
15	QPSK	36	20	24.86	24.85	24.94	24.76	24.68		
15	QPSK	36	39	24.83	24.86	24.86	24.84	25.01		
15	QPSK	75	0	24.93	24.93	24.96	24.85	24.86		
15	16QAM	1	0	25.12	25.29	25.20	25.19	25.21	26	1
15	16QAM	1	37	25.22	25.11	25.22	25.34	25.29		
15	16QAM	1	74	25.19	25.20	25.29	25.37	25.27		
15	16QAM	36	0	24.13	24.07	24.03	23.92	23.98	25	2
15	16QAM	36	20	23.88	23.96	23.92	23.98	24.16		
15	16QAM	36	39	24.14	24.05	24.11	24.05	23.97		
15	16QAM	75	0	24.00	23.89	23.94	24.01	23.99		
15	64QAM	1	0	23.96	23.90	23.97	24.08	23.91	25	2
15	64QAM	1	37	24.12	24.08	24.16	24.10	23.97		
15	64QAM	1	74	23.95	24.04	23.94	24.04	23.86		
15	64QAM	36	0	22.96	22.96	23.00	23.16	23.10	24	3
15	64QAM	36	20	23.08	22.93	23.11	23.10	23.18		
15	64QAM	36	39	23.08	22.99	22.99	22.94	23.01		
15	64QAM	75	0	22.90	22.93	22.98	22.86	22.90		
15	256QAM	1	0	21.04	20.93	21.03	20.96	20.94	22	5
15	256QAM	1	37	21.04	20.88	21.05	21.12	20.97		
15	256QAM	1	74	20.99	21.00	21.07	21.06	20.95		
15	256QAM	36	0	21.15	21.20	21.04	21.19	21.03	22	5
15	256QAM	36	20	20.95	21.05	21.21	21.16	21.09		
15	256QAM	36	39	20.99	21.02	21.00	21.01	21.20		
15	256QAM	75	0	21.01	20.85	20.96	20.96	20.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.96	25.95	26.04	25.81	25.76	27	0
10	QPSK	1	25	25.73	25.98	26.01	25.61	25.75		
10	QPSK	1	49	25.87	25.87	25.90	25.76	25.85		
10	QPSK	25	0	24.91	24.78	24.94	24.98	24.92	26	1
10	QPSK	25	12	24.93	24.84	24.92	24.95	24.75		
10	QPSK	25	25	24.85	24.89	24.81	24.84	24.99		
10	QPSK	50	0	24.92	24.87	24.88	24.90	24.80		
10	16QAM	1	0	25.10	25.23	25.28	25.27	25.28	26	1
10	16QAM	1	25	25.26	25.13	25.30	25.34	25.36		
10	16QAM	1	49	25.23	25.22	25.32	25.33	25.21		
10	16QAM	25	0	24.07	24.04	24.05	23.90	23.99	25	2
10	16QAM	25	12	23.87	24.00	23.92	24.06	24.13		
10	16QAM	25	25	24.15	23.99	24.15	23.97	23.93		
10	16QAM	50	0	23.98	23.87	23.97	23.94	23.99		
10	64QAM	1	0	23.91	23.92	23.94	24.14	23.93	25	2
10	64QAM	1	25	24.12	24.09	24.16	24.15	23.99		
10	64QAM	1	49	23.94	23.98	23.99	24.02	23.90		
10	64Q

GSM1900 Ant9	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	29.69	29.82	29.71	30.50	20.69	20.82	20.71	21.50
GPRS 1 Tx slot	29.67	29.76	29.70	30.50	20.67	20.76	20.70	21.50
GPRS 2 Tx slots	26.74	26.77	26.63	27.50	20.74	20.77	20.63	21.50
GPRS 3 Tx slots	24.91	25.02	24.98	26.00	20.65	20.76	20.72	21.74
GPRS 4 Tx slots	23.80	23.87	23.85	25.00	20.80	20.87	20.85	22.00
EDGE 1 Tx slot	25.90	26.01	25.91	27.00	16.90	17.01	16.91	18.00
EDGE 2 Tx slots	24.68	24.74	24.63	25.50	18.68	18.74	18.63	19.50
EDGE 3 Tx slots	22.05	22.14	22.12	23.00	17.79	17.88	17.86	18.74
EDGE 4 Tx slots	20.48	20.61	20.57	21.50	17.48	17.61	17.57	18.50

Band		WCDMA II Ant9			Tune-up Limit (dBm)	WCDMA IV Ant9			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	22.18	22.24	22.15	23.00	22.23	22.29	22.25	23.00
3GPP Rel 99	RMC 12.2Kbps	22.21	22.25	22.17	23.00	22.31	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.21	21.03	22.00	21.32	21.29	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	21.11	21.14	20.97	22.00	21.25	21.23	21.01	22.00
3GPP Rel 6	HSDPA Subtest-3	20.58	20.54	20.42	21.50	20.71	20.67	20.44	21.50
3GPP Rel 6	HSDPA Subtest-4	20.50	20.53	20.53	21.50	20.58	20.61	20.66	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.02	21.14	20.98	22.00	21.07	21.26	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.04	21.19	21.22	22.00	21.10	21.33	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.65	20.54	20.52	21.50	20.75	20.67	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.60	20.61	20.72	21.50	20.65	20.71	20.75	21.50
3GPP Rel 6	HSUPA Subtest-1	21.11	21.02	21.18	22.00	21.17	21.13	21.29	22.00
3GPP Rel 6	HSUPA Subtest-2	18.96	19.13	19.00	20.00	19.05	19.16	19.09	20.00
3GPP Rel 6	HSUPA Subtest-3	20.26	20.24	19.97	21.00	20.37	20.37	20.03	21.00
3GPP Rel 6	HSUPA Subtest-4	19.19	19.17	18.99	20.00	19.32	19.26	19.09	20.00
3GPP Rel 6	HSUPA Subtest-5	21.19	21.30	20.96	22.00	21.32	21.34	20.98	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.70	18.76	18.63	19.50	18.75	18.83	18.70	19.50

Band 2 Ant9

BW [MHz]	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	22.74	22.89	22.70	24	0
20	QPSK	1	49	22.63	22.76	22.56		
20	QPSK	1	99	22.59	22.86	22.57		
20	QPSK	50	0	21.66	21.88	21.79	23	1
20	QPSK	50	24	21.69	21.84	21.78		
20	QPSK	50	50	21.74	21.77	21.69		
20	QPSK	100	0	21.67	21.82	21.76		
20	16QAM	1	0	22.00	22.04	21.95	23	1
20	16QAM	1	49	21.93	21.93	21.95		
20	16QAM	1	99	22.16	21.96	21.98		
20	16QAM	50	0	20.69	20.79	20.69	22	2
20	16QAM	50	24	20.87	20.72	20.78		
20	16QAM	50	50	20.87	20.87	20.86		
20	16QAM	100	0	20.84	20.77	20.70		
20	64QAM	1	0	20.85	20.98	20.87	22	2
20	64QAM	1	49	21.07	21.06	20.92		
20	64QAM	1	99	20.98	21.09	20.88		
20	64QAM	50	0	19.90	19.79	19.86	21	3
20	64QAM	50	24	19.70	19.79	19.89		
20	64QAM	50	50	19.92	19.69	19.72		
20	64QAM	100	0	19.85	19.80	19.87		
20	256QAM	1	0	17.78	17.87	17.84	19	5
20	256QAM	1	49	17.89	17.83	17.82		
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62	19	5
20	256QAM	50	24	17.84	17.87	17.63		
20	256QAM	50	50	17.73	17.71	17.87		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.67	22.82	22.64	24	0
15	QPSK	1	37	22.60	22.69	22.52		
15	QPSK	1	74	22.54	22.79	22.48		
15	QPSK	36	0	21.60	21.84	21.73	23	1
15	QPSK	36	20	21.58	21.78	21.72		
15	QPSK	36	39	21.62	21.64	21.61		
15	QPSK	75	0	21.62	21.69	21.67		
15	16QAM	1	0	21.90	21.92	21.84	23	1
15	16QAM	1	37	21.89	21.85	21.86		
15	16QAM	1	74	22.03	21.85	21.85		
15	16QAM	36	0	20.61	20.72	20.63	22	2
15	16QAM	36	20	20.74	20.67	20.67		
15	16QAM	36	39	20.74	20.84	20.80		
15	16QAM	75	0	20.74	20.74	20.65		
15	64QAM	1	0	20.80	20.93	20.84	22	2
15	64QAM	1	37	21.02	20.99	20.85		
15	64QAM	1	74	20.85	20.97	20.76		
15	64QAM	36	0	19.82	19.72	19.75	21	3
15	64QAM	36	20	19.58	19.69	19.84		
15	64QAM	36	39	19.86	19.59	19.65		
15	64QAM	75	0	19.81	19.68	19.75		
15	256QAM	1	0	17.67	17.82	17.81	19	5
15	256QAM	1	37	17.83	17.79	17.74		
15	256QAM	1	74	17.75	17.72	17.64		
15	256QAM	36	0	17.81	17.68	17.50	19	5
15	256QAM	36	20	17.79	17.81	17.56		
15	256QAM	36	39	17.67	17.64	17.83		
15	256QAM	75	0	17.81	17.73	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.69	22.80	22.62	24	0
10	QPSK	1	25	22.55	22.72	22.53		
10	QPSK	1	49	22.56	22.80	22.48		
10	QPSK	25	0	21.62	21.75	21.70	23	1
10	QPSK	25	12	21.59	21.77	21.74		
10	QPSK	25	25	21.61	21.70	21.65		
10	QPSK	50	0	21.64	21.75	21.71		
10	16QAM	1	0	21.96	22.00	21.92	23	1
10	16QAM	1	25	21.81	21.82	21.91		
10	16QAM	1	49	22.11	21.94	21.95		
10	16QAM	25	0	20.60	20.66	20.58	22	2
10	16QAM	25	12	20.76	20.62	20.71		
10	16QAM	25	25	20.80	20.79	20.74		
10	16QAM	50	0	20.73	20.65	20.60		
10	64QAM	1	0	20.80	20.94	20.82	22	2
10	64QAM	1	25	20.98	21.02	20.80		
10	64QAM	1	49	20.89	21.01	20.82		
10	64QAM	25	0	19.84	19.75	19.74	21	3
10	64QAM	25	12	19.60	19.67	19.80		
10	64QAM	25	25	19.88	19.63	19.65		
10	64QAM	50	0	19.76	19.71	19.82		
10	256QAM	1	0	17.73	17.78	17.80	19	5
10	256QAM	1	25	17.83	17.77	17.78		
10	256QAM	1	49	17.77	17.67	17.69		
10	256QAM	25	0	17.73	17.66	17.55	19	5
10	256QAM	25	12	17.74	17.81	17.56		
10	256QAM	25	25	17.66	17.63	17.82		
10	256QAM	50	0	17.82	17.72	17.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.61	22.76	22.58	24	0
5	QPSK	1	12	22.50	22.66	22.48		
5	QPSK	1	24	22.46	22.77	22.48		
5	QPSK	12	0	21.58	21.82	21.66	23	1
5	QPSK	12	7	21.57	21.76	21.71		
5	QPSK	12	13	21.62	21.69	21.57		
5	QPSK	25	0	21.55	21.76	21.70		
5	16QAM	1	0	21.90	21.97	21.86	23	1
5	16QAM	1	12	21.86	21.81	21.86		
5	16QAM	1	24	22.10	21.88	21.88		
5	16QAM	12	0	20.58	20.70	20.64	22	2
5	16QAM	12	7	20.76	20.62	20.73		
5	16QAM	12	13	20.81	20.76	20.81		
5	16QAM	25	0	20.77	20.64	20.58		
5	64QAM	1	0	20.74	20.87	20.78	22	2
5	64QAM	1	12	20.95	20.97	20.83		
5	64QAM	1	24	20.88	20.98	20.77		
5	64QAM	12	0	19.87	19.70	19.83	21	3
5	64QAM	12	7	19.60	19.73	19.78		
5	64QAM	12	13	19.89	19.63	19.62		
5	64QAM	25	0	19.75	19.72	19.75		
5	256QAM	1	0	17.68	17.83	17.73	19	5
5	256QAM	1	12	17.78	17.71	17.75		
5	256QAM	1	24	17.75	17.71	17.65		
5	256QAM	12	0	17.74	17.63	17.54	19	5
5	256QAM	12	7	17.73	17.83	17.58		
5	256QAM	12	13	17.67	17.63	17.74		
5	256QAM	25	0	17.79	17.73	17.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.64	22.83	22.60	24	0
3	QPSK	1	8	22.54	22.67	22.51		
3	QPSK	1	14	22.54	22.80	22.53		
3	QPSK	8	0	21.58	21.85	21.76	23	1
3	QPSK	8	4	21.60	21.72	21.67		
3	QPSK	8	7	21.69	21.71	21.62		
3	QPSK	15	0	21.59	21.71	21.63		
3	16QAM	1	0	21.91	22.01	21.89	23	1
3	16QAM	1	8	21.81	21.89	21.87		
3	16QAM	1	14	22.12	21.92	21.90		
3	16QAM	8	0	20.66	20.71	20.64	22	2
3	16QAM	8	4	20.80	20.60	20.70		
3	16QAM	8	7	20.82	20.82	20.80		
3	16QAM	15	0	20.80	20.65	20.60		
3	64QAM	1	0	20.76	20.95	20.79	22	2
3	64QAM	1	8	20.95	21.02	20.84		
3	64QAM	1	14	20.87	21.05	20.76		
3	64QAM	8	0	19.80	19.74	19.83	21	3
3	64QAM	8	4	19.57	19.72	19.81		
3	64QAM	8	7	19.67	19.62	19.66		
3	64QAM	15	0	19.77	19.71	19.79		
3	256QAM	1	0	17.74	17.83	17.77	19	5
3	256QAM	1	8	17.85	17.80	17.73		
3	256QAM	1	14	17.78	17.70	17.70		
3	256QAM	8	0	17.80	17.64	17.51	19	5
3	256QAM	8	4	17.74	17.81	17.52		
3	256QAM	8	7	17.70	17.65	17.64		
3	256QAM	15	0	17.78	17.69	17.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.71	22.83	22.57	24	0
1.4	QPSK	1	3	22.60	22.67	22.48		
1.4	QPSK	1	5	22.48	22.76	22.50		
1.4	QPSK	3	0	22.71	22.83	22.57		
1.4	QPSK	3	1	22.60	22.67	22.48		
1.4	QPSK	3	3	22.48	22.76	22.50		
1.4	QPSK	6	0	21.64	21.78	21.68	23	1
1.4	16QAM	1	0	21.91	22.01	21.84	23	1
1.4	16QAM	1	3	21.83	21.85	21.90		
1.4	16QAM	1	5	22.06	21.89	21.87		
1.4	16QAM	3	0	21.91	22.01	21.84		
1.4	16QAM	3	1	21.83	21.85	21.90		
1.4	16QAM	3	3	22.06	21.89	21.87		
1.4	16QAM	6	0	20.80	20.73	20.63	22	2
1.4	64QAM	1	0	20.75	20.88	20.79	22	2
1.4	64QAM	1	3	21.01	21.02	20.82		
1.4	64QAM	1	5	20.95	20.96	20.80		
1.4	64QAM	3	0	20.75	20.88	20.79		
1.4	64QAM	3	1	21.01	21.02	20.82		
1.4	64QAM	3	3	20.95	20.96	20.80		
1.4	64QAM	6	0	19.74	19.75	19.81	21	3
1.4	256QAM	1	0	17.72	17.77	17.74	19	5
1.4	256QAM	1	3	17.84	17.73	17.76		
1.4	256QAM	1	5	17.78	17.72	17.64		
1.4	256QAM	3	0	17.80	17.66	17.51		
1.4	256QAM	3	1	17.72	17.77	17.59		
1.4	256QAM	3	3	17.68	17.62	17.84		
1.4	256QAM	6	0	17.80	17.72	17.61	19	5

Band 4 Ant9

BW [MHz]	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	23.01	23.07	22.99	24	0
20	QPSK	1	49	22.84	22.97	22.81		
20	QPSK	1	99	22.90	22.85	22.93		
20	QPSK	50	0	22.02	22.08	22.00	23	1
20	QPSK	50	24	21.98	21.97	21.97		
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.86	22.03	21.85		
20	16QAM	1	0	22.37	22.37	22.42	23	1
20	16QAM	1	49	22.39	22.47	22.30		
20	16QAM	1	99	22.29	22.28	22.35		
20	16QAM	50	0	21.05	21.01	21.14	22	2
20	16QAM	50	24	20.95	21.12	21.09		
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.04	21.15	21.26	22	2
20	64QAM	1	49	21.14	21.17	21.15		
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19	21	3
20	64QAM	50	24	19.95	20.04	20.16		
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25	19	5
20	256QAM	1	49	18.18	18.21	18.22		
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90	19	5
20	256QAM	50	24	18.08	17.92	17.88		
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.70	22.84	22.65	24	0
15	QPSK	1	37	22.58	22.64	22.48		
15	QPSK	1	74	22.50	22.80	22.54		
15	QPSK	36	0	21.59	21.77	21.74	23	1
15	QPSK	36	20	21.61	21.76	21.67		
15	QPSK	36	39	21.62	21.65	21.62		
15	QPSK	75	0	21.61	21.76	21.66		
15	16QAM	1	0	21.90	21.95	21.83	23	1
15	16QAM	1	37	21.89	21.84	21.86		
15	16QAM	1	74	22.06	21.85	21.87		
15	16QAM	36	0	20.65	20.74	20.59	22	2
15	16QAM	36	20	20.83	20.83	20.71		
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.85	20.64		
15	64QAM	1	0	20.76	20.94	20.84	22	2
15	64QAM	1	37	20.99	20.99	20.89		
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74	21	3
15	64QAM	36	20	19.58	19.71	19.83		
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77	19	5
15	256QAM	1	37	17.80	17.76	17.77		
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51	19	5
15	256QAM	36	20	17.72	17.77	17.51		
15	256QAM	36	39	17.69	17.63	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.66	22.85	22.66	24	0
10	QPSK	1	25	22.58	22.69	22.44		
10	QPSK	1	49	22.51	22.76	22.52		
10	QPSK	25	0	21.55	21.82	21.67	23	1
10	QPSK	25	12	21.60	21.76	21.68		
10	QPSK	25	25	21.65	21.69	21.59		
10	QPSK	50	0	21.64	21.69	21.68		
10	16QAM	1	0	21.92	21.93	21.83	23	1
10	16QAM	1	25	21.85	21.83	21.88		
10	16QAM	1	49	22.06	21.91	21.94		
10	16QAM	25	0	20.62	20.73	20.58	22	2
10	16QAM	25	12	20.78	20.60	20.74		
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.68	20.59		
10	64QAM	1	0	20.78	20.91	20.77	22	2
10	64QAM	1	25	20.96	20.93	20.82		
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76	21	3
10	64QAM	25	12	19.66	19.75	19.79		
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81	19	5
10	256QAM	1	25	17.78	17.74	17.71		
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55	19	5
10	256QAM	25	12	17.78	17.76	17.59		
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.84	22.58	24	0
5	QPSK	1	12	22.59	22.71	22.49		
5	QPSK	1	24	22.55	22.84	22.52		
5	QPSK	12	0	21.57	21.80	21.75	23	1
5	QPSK	12	7	21.57	21.78	21.68		
5	QPSK	12	13	21.70	21.66	21.61		
5	QPSK	25	0	21.60	21.71	21.71		
5	16QAM	1	0	21.94	21.96	21.85	23	1
5	16QAM	1	12	21.86	21.83	21.91		
5	16QAM	1	24	22.10	21.87	21.90		
5	16QAM	12	0	20.63	20.70	20.56	22	2
5	16QAM	12	7	20.76	20.62	20.72		
5	16QAM	12	13	20.80	20.75	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79	22	2
5	64QAM	1	12	21.04	20.96	20.84		
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74	21	3
5	64QAM	12	7	19.61	19.68	19.85		
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.76	19.76		
5	256QAM	1	0	17.74	17.82	17.75	19	5
5	256QAM	1	12	17.82	17.77	17.70		
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55	19	5
5	256QAM	12	7	17.75	17.77	17.54		
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.62	22.79	22.65	24	0
3	QPSK	1	8	22.54	22.71	22.50		
3	QPSK	1	14	22.52	22.79	22.48		
3	QPSK	8	0	21.60	21.82	21.71	23	1
3	QPSK	8	4	21.56	21.71	21.68		
3	QPSK	8	7	21.66	21.70	21.61		
3	QPSK	15	0	21.61	21.70	21.68		
3	16QAM	1	0	21.90	21.95	21.92	23	1
3	16QAM	1	8	21.82	21.90	21.82		
3	16QAM	1	14	22.12	21.84	21.85		
3	16QAM	8	0	20.61	20.67	20.66	22	2
3	16QAM	8	4	20.78	20.60	20.73		
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78	22	2
3	64QAM	1	8	20.97	21.01	20.80		
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75	21	3
3	64QAM	8	4	19.61	19.71	19.83		
3	64QAM	8	7	19.60	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78	19	5
3	256QAM	1	8	17.83	17.80	17.76		
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59	19	5
3	256QAM	8	4	17.71	17.79	17.51		
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.90	17.66	17.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.76	22.46	24	0
1.4	QPSK	1	3	22.50	22.59	22.45		
1.4	QPSK	1	5	22.40	22.64	22.45		
1.4	QPSK	3	0	22.60	22.75	22.53		
1.4	QPSK	3	1	22.50	22.60	22.37		
1.4	QPSK	3	3	22.38	22.70	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.87	21.88	21.79	23	1
1.4	16QAM	1	3	21.72	21.74	21.86		
1.4	16QAM	1	5	21.96	21.81	21.78		
1.4	16QAM	3	0	21.80	21.96	21.80		
1.4	16QAM	3	1	21.77	21.75	21.78		
1.4	16QAM	3	3	21.99	21.82	21.77		
1.4	16QAM	6	0	20.74	20.63	20.50	22	2
1.4	64QAM	1	0	20.62	20.85	20.72	22	2
1.4	64QAM	1	3	20.90	20.98	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71		
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.86	20.89	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21	3
1.4	256QAM	1	0	17.66	17.69	17.63	19	5
1.4	256QAM	1	3	17.73	17.61	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53		
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	19	5

Band 7 Ant9

BW [MHz]	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	23.21	23.24	23.02	24	0
20	QPSK	1	49	23.19	23.05	22.95		
20	QPSK	1	99	23.02	23.22	22.90		
20	QPSK	50	0	22.03	22.19	22.07	23	1
20	QPSK	50	24	22.08	21.99	22.17		
20	QPSK	50	50	22.07	22.09	22.15		
20	QPSK	100	0	22.06	22.14	22.12		
20	16QAM	1	0	22.53	22.48	22.36	23	1
20	16QAM	1	49	22.54	22.41	22.58		
20	16QAM	1	99	22.43	22.43	22.57		
20	16QAM	50	0	21.09	21.16	21.08	22	2
20	16QAM	50	24	21.11	21.18	21.26		
20	16QAM	50	50	21.10	21.07	21.05		
20	16QAM	100	0	21

Band 25 Ant9

BW [MHz]	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	22.87	22.94	22.75	24	0
20	QPSK	1	49	22.79	22.90	22.65		
20	QPSK	1	99	22.88	22.85	22.57		
20	QPSK	50	0	21.76	21.85	21.79	23	1
20	QPSK	50	24	21.75	21.66	21.83		
20	QPSK	50	50	21.82	21.80	21.76		
20	QPSK	100	0	21.64	21.81	21.68		
20	16QAM	1	0	22.13	22.08	22.14	23	1
20	16QAM	1	49	22.04	22.16	22.01		
20	16QAM	1	99	22.13	22.04	21.96		
20	16QAM	50	0	20.89	20.83	20.89	22	2
20	16QAM	50	24	20.78	20.86	20.96		
20	16QAM	50	50	20.83	20.80	20.70		
20	16QAM	100	0	20.75	20.84	20.85		
20	64QAM	1	0	21.02	20.97	21.05	22	2
20	64QAM	1	49	20.89	21.08	21.05		
20	64QAM	1	99	20.98	21.09	21.08		
20	64QAM	50	0	19.87	19.82	19.93	21	3
20	64QAM	50	24	19.80	19.87	19.90		
20	64QAM	50	50	19.78	19.91	19.76		
20	64QAM	100	0	19.79	19.85	19.95		
20	256QAM	1	0	17.69	17.78	17.71	19	5
20	256QAM	1	49	17.68	17.85	17.88		
20	256QAM	1	99	17.80	17.88	17.78		
20	256QAM	50	0	17.75	17.81	17.77	19	5
20	256QAM	50	24	17.85	17.70	17.76		
20	256QAM	50	50	17.89	17.87	17.88		
20	256QAM	100	0	17.69	17.82	17.87		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.80	22.81	22.63	24	0
15	QPSK	1	37	22.76	22.78	22.52		
15	QPSK	1	74	22.85	22.79	22.54		
15	QPSK	36	0	21.63	21.81	21.75	23	1
15	QPSK	36	20	21.64	21.60	21.77		
15	QPSK	36	39	21.72	21.69	21.72		
15	QPSK	75	0	21.60	21.76	21.65		
15	16QAM	1	0	22.04	21.98	22.04	23	1
15	16QAM	1	37	22.00	22.08	21.93		
15	16QAM	1	74	22.07	22.00	21.93		
15	16QAM	36	0	20.85	20.72	20.83	22	2
15	16QAM	36	20	20.71	20.82	20.84		
15	16QAM	36	39	20.78	20.75	20.60		
15	16QAM	75	0	20.63	20.78	20.82		
15	64QAM	1	0	20.91	20.90	20.95	22	2
15	64QAM	1	37	20.81	21.03	20.92		
15	64QAM	1	74	20.90	20.96	20.96		
15	64QAM	36	0	19.77	19.75	19.88	21	3
15	64QAM	36	20	19.73	19.79	19.78		
15	64QAM	36	39	19.70	19.87	19.65		
15	64QAM	75	0	19.67	19.73	19.91		
15	256QAM	1	0	17.62	17.72	17.59	19	5
15	256QAM	1	37	17.61	17.79	17.82		
15	256QAM	1	74	17.72	17.83	17.66		
15	256QAM	36	0	17.67	17.73	17.66	19	5
15	256QAM	36	20	17.80	17.65	17.69		
15	256QAM	36	39	17.85	17.82	17.80		
15	256QAM	75	0	17.57	17.79	17.83		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.75	22.82	22.68	24	0
10	QPSK	1	25	22.70	22.82	22.58		
10	QPSK	1	49	22.76	22.76	22.50		
10	QPSK	25	0	21.70	21.73	21.72	23	1
10	QPSK	25	12	21.63	21.61	21.79		
10	QPSK	25	25	21.77	21.68	21.70		
10	QPSK	50	0	21.59	21.78	21.58		
10	16QAM	1	0	22.05	22.01	22.11	23	1
10	16QAM	1	25	21.96	22.09	21.93		
10	16QAM	1	49	22.06	21.95	21.90		
10	16QAM	25	0	20.80	20.75	20.82	22	2
10	16QAM	25	12	20.71	20.82	20.89		
10	16QAM	25	25	20.77	20.76	20.61		
10	16QAM	50	0	20.64	20.79	20.76		
10	64QAM	1	0	20.98	20.87	20.99	22	2
10	64QAM	1	25	20.76	21.03	21.01		
10	64QAM	1	49	20.88	21.02	21.01		
10	64QAM	25	0	19.75	19.78	19.89	21	3
10	64QAM	25	12	19.73	19.80	19.80		
10	64QAM	25	25	19.66	19.78	19.64		
10	64QAM	50	0	19.68	19.73	19.92		
10	256QAM	1	0	17.60	17.72	17.60	19	5
10	256QAM	1	25	17.57	17.76	17.81		
10	256QAM	1	49	17.76	17.81	17.67		
10	256QAM	25	0	17.69	17.75	17.71	19	5
10	256QAM	25	12	17.74	17.63	17.72		
10	256QAM	25	25	17.82	17.81	17.76		
10	256QAM	50	0	17.64	17.76	17.78		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.82	22.81	22.72	24	0
5	QPSK	1	12	22.72	22.78	22.60		
5	QPSK	1	24	22.78	22.74	22.54		
5	QPSK	12	0	21.69	21.80	21.73	23	1
5	QPSK	12	7	21.63	21.54	21.80		
5	QPSK	12	13	21.77	21.70	21.71		
5	QPSK	25	0	21.52	21.77	21.61		
5	16QAM	1	0	22.10	22.03	22.08	23	1
5	16QAM	1	12	21.94	22.10	21.90		
5	16QAM	1	24	22.01	21.94	21.83		
5	16QAM	12	0	20.77	20.76	20.86	22	2
5	16QAM	12	7	20.73	20.74	20.91		
5	16QAM	12	13	20.76	20.73	20.61		
5	16QAM	25	0	20.66	20.79	20.80		
5	64QAM	1	0	20.90	20.87	20.94	22	2
5	64QAM	1	12	20.82	20.98	21.00		
5	64QAM	1	24	20.88	21.02	20.96		
5	64QAM	12	0	19.77	19.69	19.82	21	3
5	64QAM	12	7	19.76	19.77	19.84		
5	64QAM	12	13	19.68	19.86	19.67		
5	64QAM	25	0	19.71	19.73	19.87		
5	256QAM	1	0	17.63	17.74	17.90	19	5
5	256QAM	1	12	17.65	17.79	17.84		
5	256QAM	1	24	17.71	17.84	17.71		
5	256QAM	12	0	17.62	17.68	17.74	19	5
5	256QAM	12	7	17.77	17.62	17.71		
5	256QAM	12	13	17.84	17.77	17.78		
5	256QAM	25	0	17.63	17.78	17.83		
Channel				26015	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.82	22.84	22.66	24	0
3	QPSK	1	8	22.71	22.83	22.59		
3	QPSK	1	14	22.80	22.72	22.48		
3	QPSK	8	0	21.68	21.73	21.69	23	1
3	QPSK	8	4	21.64	21.54	21.76		
3	QPSK	8	7	21.69	21.67	21.64		
3	QPSK	15	0	21.54	21.72	21.60		
3	16QAM	1	0	22.03	21.97	22.07	23	1
3	16QAM	1	8	21.94	22.09	21.95		
3	16QAM	1	14	22.09	21.97	21.92		
3	16QAM	8	0	20.82	20.71	20.82	22	2
3	16QAM	8	4	20.70	20.82	20.85		
3	16QAM	8	7	20.79	20.73	20.63		
3	16QAM	15	0	20.65	20.77	20.81		
3	64QAM	1	0	20.91	20.93	20.99	22	2
3	64QAM	1	8	20.79	20.99	21.00		
3	64QAM	1	14	20.94	21.01	20.96		
3	64QAM	8	0	19.82	19.75	19.81	21	3
3	64QAM	8	4	19.74	19.84	19.79		
3	64QAM	8	7	19.72	19.82	19.68		
3	64QAM	15	0	19.71	19.74	19.83		
3	256QAM	1	0	17.57	17.71	17.65	19	5
3	256QAM	1	8	17.59	17.79	17.81		
3	256QAM	1	14	17.71	17.84	17.69		
3	256QAM	8	0	17.63	17.76	17.68	19	5
3	256QAM	8	4	17.82	17.84	17.72		
3	256QAM	8	7	17.83	17.74	17.83		
3	256QAM	15	0	17.63	17.73	17.75		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.67	22.70	22.52	24	0
1.4	QPSK	1	3	22.53	22.61	22.37		
1.4	QPSK	1	5	22.36	22.70	22.46		
1.4	QPSK	3	0	22.62	22.72	22.49		
1.4	QPSK	3	1	22.53	22.63	22.41		
1.4	QPSK	3	3	22.38	22.70	22.47		
1.4	QPSK	6	0	21.53	21.67	21.56	23	1
1.4	16QAM	1	0	21.86	21.89	21.81	23	1
1.4	16QAM	1	3	21.73	21.79	21.78		
1.4	16QAM	1	5	21.98	21.81	21.80		
1.4	16QAM	3	0	21.82	21.88	21.74		
1.4	16QAM	3	1	21.78	21.78	21.80		
1.4	16QAM	3	3	21.96	21.79	21.75		
1.4	16QAM	6	0	20.72	20.70	20.59	22	2
1.4	64QAM	1	0	20.65	20.81	20.70	22	2
1.4	64QAM	1	3	20.98	20.90	20.74		
1.4	64QAM	1	5	20.91	20.84	20.73		
1.4	64QAM	3	0	20.67	20.80	20.68		
1.4	64QAM	3	1	20.94	20.95	20.77		
1.4	64QAM	3	3	20.91	20.92	20.77		
1.4	64QAM	6	0	19.67	19.65	19.73	21	3
1.4	256QAM	1	0	17.59	17.69	17.69	19	5
1.4	256QAM	1	3	17.77	17.60	17.63		
1.4	256QAM	1	5	17.74	17.62	17.52		
1.4	256QAM	3	0	17.74	17.53	17.45		
1.4	256QAM	3	1	17.65	17.72	17.55		
1.4	256QAM	3	3	17.62	17.50	17.75		
1.4	256QAM	6	0	17.77	17.69	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.11	22.85	24	0
20	QPSK	1	49	23.03	22.90	22.91		
20	QPSK	1	99	22.94	23.01	22.83		
20	QPSK	50	0	21.91	21.98	21.91	23	1
20	QPSK	50	24	21.76	21.78	21.71		
20	QPSK	50	50	21.81	21.91	21.92		
20	QPSK	100	0	21.85	21.95	21.89		
20	16QAM	1	0	22.30	22.29	22.16	23	1
20	16QAM	1	49	22.26	22.31	22.35		
20	16QAM	1	99	22.22	22.25	22.36		
20	16QAM	50	0	20.83	20.93	20.90	22	2
20	16QAM	50	24	20.86	20.92	20.83		
20	16QAM	50	50	20.92	20.95	20.83		
20	16QAM	100	0	20.87	20.93	21.00		
20	64QAM	1	0	20.99	21.06	20.96	22	2
20	64QAM	1	49	21.02	21.10	21.15		
20	64QAM	1	99	21.06	21.09	21.16		
20	64QAM	50	0	20.03	19.92	19.98	21	3
20	64QAM	50	24	19.83	19.99	19.93		
20	64QAM	50	50	19.93	19.88	19.89		
20	64QAM	100	0	19.97	19.93	20.00		
20	256QAM	1	0	18.07	18.01	18.05	19	5
20	256QAM	1	49	17.96	18.01	18.04		
20	256QAM	1	99	18.06	18.08	17.94		
20	256QAM	50	0	17.91	17.89	17.86	19	5
20	256QAM	50	24	17.85	18.00	17.93		
20	256QAM	50	50	17.92	17.96	17.80		
20	256QAM	100	0	17.96	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.81	22.87	22.65	24	0
15	QPSK	1	37	22.71	22.82	22.62		
15	QPSK	1	74	22.84	22.75	22.45		
15	QPSK	36	0	21.66	21.77	21.75	23	1
15	QPSK	36	20	21.67	21.61	21.80		
15	QPSK	36	39	21.70	21.68	21.65		
15	QPSK	75	0	21.59	21.69	21.61		
15	16QAM	1	0	22.08	22.02	22.08	23	1
15	16QAM	1	37	21.97	22.11	21.89		
15	16QAM	1	74	22.03	21.96	21.86		
15	16QAM	36	0	20.80	20.75	20.84	22	2
15	16QAM	36	20	20.72	20.77	20.89		
15	16QAM	36	39	20.72	20.67	20.64		
15	16QAM	75	0	20.64	20.72	20.72		
15	64QAM	1	0	20.93	20.86	20.96	22	2
15	64QAM	1	37	20.85	20.95	20.99		
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	19.79	19.74	19.89	21	3
15	64QAM	36	20	19.69	19.84	19.80		
15	64QAM	36	39	19.74	19.84	19.70		
15	64QAM	75	0	19.66	19.73	19.92		
15	256QAM	1	0	17.57	17.70	17.61	19	5
15	256QAM	1	37	17.63	17.80	17.76		
15	256QAM	1	74	17.72	17.83	17.72		
15	256QAM	36	0	17.64	17.74	17.66	19	5
15	256QAM	36	20	17.80	17.63	17.67		
15	256QAM	36	39	17.82	17.76	17.83		
15	256QAM	75	0	17.65	17.70	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.76	22.90	22.71	24	0
10	QPSK	1	25	22.75	22.85	22.58		
10	QPSK	1	49	22.78	22.73	22.48		
10	QPSK	25	0	21.72	21.73	21.68	23	1
10	QPSK	25	12	21.72	21.56	21.79		
10	QPSK	25	25	21.69	21.77	21.79		
10	QPSK	50	0	21.55	21.71	21.57		
10	16QAM	1	0	22.09	21.98	22.10	23	1
10	16QAM	1	25	22.01	22.09	21.96		
10	16QAM	1	49	22.05	21.92	21.89		
10	16QAM	25	0	20.76	20.70	20.86	22	2
10	16QAM	25	12	20.66	20.81	20.83		
10	16QAM	25	25	20.73	20.70	20.58		
10	16QAM	50	0	20.67	20.72	20.72		
10	64QAM	1	0	20.90	20.85	21.02	22	2
10	64QAM	1	25	20.82	21.00	20.98		
10	64QAM	1	49	20.88	20.99	20.96		
10	64QAM	25	0	19.75	19.76	19.80	21	3
10	64QAM	25	12	19.77	19.82	19.77		
10	64QAM	25	25	19.70	19.84	19.68		
10	64QAM	50	0	19.71	19.76	19.92		
10	256QAM	1	0	17.64	17.71	17.68	19	5
10	256QAM	1	25	17.62	17.78	17.80		
10	256QAM	1	49	17.69	17.82	17.71		
10	256QAM	25	0	17.70	17.78	17.69	19	5
10	256QAM	25	12	17.79	17.63	17.67		
10	256QAM	25	25	17.83	17.81	17.80		
10	256QAM	50	0	17.63	17.78	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.80	22.83	22.66	24	0
5	QPSK	1	12	22.76	22.84	22.60		
5	QPSK	1	24	22.82	22.79	22.48		
5	QPSK	12	0	21.65	21.73	21.74	23	1
5	QPSK	12	7	21.70	21.57	21.78		
5	QPSK	12	13	21.73	21.74	21.68		
5	QPSK	25	0	21.54	21.70	21.57		
5	16QAM	1	0	22.02	22.01	22.10	23	1
5	16QAM	1	12	21.99	22.05	21.89		
5	16QAM	1	24	22.05	21.93	21.87		
5	16QAM	12	0	20.82	20.78	20.78	22	2
5	16QAM	12	7	20.67	20.75	20.86		
5	16QAM	12	13	20.73	20.71	20.58		
5	16QAM	25	0	20.64	20.75	20.82		
5	64QAM	1	0	20.96	20.84	20.96	22	2
5	64QAM	1	12	20.79	20.96	21.02		
5	64QAM	1	24	20.89	20.97	21.00		
5	64QAM	12	0	19.78	19.74	19.82	21	3
5	64QAM	12	7	19.74	19.78	19.78		
5	64QAM	12	13	19.66	19.79	19.66		
5	64QAM	25	0	19.75	19.80	19.82		
5	256QAM	1	0	17.65	17.72	17.62	19	5
5	256QAM	1	12	17.61	17.75	17.76		
5	256QAM	1	24	17.69	17.84	17.65		
5	256QAM	12	0	17.64	17.72	17.69	19	5
5	256QAM	12	7	17.81	17.67	17.66		
5	256QAM	12	13	17.79	17.78	17.84		
5	256QAM	25	0	17.60	17.71	17.84		
Channel				131922	132322	132722	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.76	22.90	22.63	24	0
3	QPSK	1	8	22.76	22.84	22.54		
3	QPSK	1	14	22.81	22.80	22.45		
3	QPSK	8	0	21.65	21.72	21.75	23	1
3	QPSK	8	4	21.69	21.55	21.74		
3	QPSK	8	7	21.71	21.69	21.69		
3	QPSK	15	0	21.52	21.72	21.64		
3	16QAM	1	0	22.07	21.99	22.06	23	1
3	16QAM	1	8	22.01	22.12	21.93		
3	16QAM	1	14	22.02	21.96	21.88		
3	16QAM	8	0	20.84	20.74	20.80	22	2
3	16QAM	8	4	20.66	20.76	20.93		
3	16QAM	8	7	20.79	20.70	20.63		
3	16QAM	15	0	20.63	20.75	20.82		
3	64QAM	1	0	20.91	20.90	20.96	22	2
3	64QAM	1	8	20.82	21.04	20.98		
3	64QAM	1	14	20.88	21.06	21.04		
3	64QAM	8	0	19.82	19.74	19.90	21	3
3	64QAM	8	4	19.69	19.76	19.80		
3	64QAM	8	7	19.66	19.84	19.71		
3	64QAM	15	0	19.69	19.79	19.89		
3	256QAM	1	0	17.56	17.67	17.59	19	5
3	256QAM	1	8	17.55	17.78	17.75		
3	256QAM	1	14	17.68	17.85	17.67		
3	256QAM	8	0	17.70	17.70	17.68	19	5
3	256QAM	8	4	17.81	17.59	17.65		
3	256QAM	8	7	17.82	17.79	17.85		
3	256QAM	15	0	17.65	17.74	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.66	22.76	22.48	24	0
1.4	QPSK	1	3	22.50	22.64	22.39		
1.4	QPSK	1	5	22.36	22.71	22.46		
1.4	QPSK	3	0	22.65	22.72	22.48		
1.4	QPSK	3	1	22.48	22.64	22.40		
1.4	QPSK	3	3	22.36	22.70	22.37		
1.4	QPSK	6	0	21.53	21.73	21.58	23	1
1.4	16QAM	1	0	21.80	21.90	21.77	23	1
1.4	16QAM	1	3	21.77	21.75	21.80		
1.4	16QAM	1	5	22.02	21.85	21.75		
1.4	16QAM	3	0	21.82	21.91	21.76		
1.4	16QAM	3	1	21.73	21.72	21.78		
1.4	16QAM	3	3	21.95	21.85	21.76		
1.4	16QAM	6	0	20.72	20.65	20.57	22	2
1.4	64QAM	1	0	20.65	20.77	20.69	22	2
1.4	64QAM	1	3	20.96	20.95	20.74		
1.4	64QAM	1	5	20.91	20.86	20.69		
1.4	64QAM	3	0	20.65	20.81	20.74		
1.4	64QAM	3	1	20.90	20.99	20.69		
1.4	64QAM	3	3	20.84	20.83	20.73		
1.4	64QAM	6	0	19.68	19.65	19.76	21	3
1.4	256QAM	1	0	17.67	17.73	17.66	19	5
1.4	256QAM	1	3	17.76	17.66	17.71		
1.4	256QAM	1	5	17.65	17.68	17.60		
1.4	256QAM	3	0	17.75	17.55	17.47		
1.4	256QAM	3	1	17.65	17.71	17.53		
1.4	256QAM	3	3	17.58	17.57	17.79		
1.4	256QAM	6	0	17.73	17.61	17.52	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.21	23.11	24	0
20	QPSK	1	49	23.02	23.10	23.07		
20	QPSK	1	99	23.06	23.11	22.98		
20	QPSK	50	0	22.21	22.25	22.10	23	1
20	QPSK	50	24	22.11	22.09	22.20		
20	QPSK	50	50	22.09	22.12	22.09		
20	QPSK	100	0	22.13	22.17	22.04		
20	16QAM	1	0	22.29	22.26	22.26	23	1
20	16QAM	1	49	22.23	22.20	22.30		
20	16QAM	1	99	22.19	22.34	22.25		
20	16QAM	50	0	21.41	21.29	21.34	22	2
20	16QAM	50	24	21.29	21.41	21.34		
20	16QAM	50	50	21.41	21.20	21.20		
20	16QAM	100	0	21.26	21.24	21.30		
20	64QAM	1	0	21.07	20.98	20.93	22	2
20	64QAM	1	49	20.96	20.91	20.88		
20	64QAM	1	99	20.85	21.08	21.07		
20	64QAM	50	0	20.35	20.31	20.36	21	3
20	64QAM	50	24	20.43	20.26	20.37		
20	64QAM	50	50	20.24	20.34	20.22		
20	64QAM	100	0	20.14	20.21	20.11		
20	256QAM	1	0	18.19	18.13	18.06	19	5
20	256QAM	1	49	18.12	18.22	18.24		
20	256QAM	1	99	18.07	18.02	18.17		
20	256QAM	50	0	18.19	18.32	18.22	19	5
20	256QAM	50	24	18.37	18.25	18.44		
20	256QAM	50	50	18.26	18.26	18.34		
20	256QAM	100	0	18.33	18.22	18.10		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.07	23.05	23.05	24	0
15	QPSK	1	37	22.93	23.01	23.00		
15	QPSK	1	74	22.97	23.05	22.91		
15	QPSK	36	0	22.02	22.10	21.99	23	1
15	QPSK	36	20	21.93	21.94	22.11		
15	QPSK	36	39	22.00	22.04	22.01		
15	QPSK	75	0	21.95	21.98	21.90		
15	16QAM	1	0	22.10	22.07	22.20	23	1
15	16QAM	1	37	22.04	22.06	22.14		
15	16QAM	1	74	22.03	22.29	22.11		
15	16QAM	36	0	21.31	21.23	21.21	22	2
15	16QAM	36	20	21.24	21.34	21.27		
15	16QAM	36	39	21.25	21.08	21.04		
15	16QAM	75	0	21.16	21.07	21.25		
15	64QAM	1	0	20.98	20.88	20.82	22	2
15	64QAM	1	37	20.85	20.74	20.77		
15	64QAM	1	74	20.72	20.89	20.91		
15	64QAM	36	0	20.25	20.11	20.25	21	3
15	64QAM	36	20	20.37	20.11	20.18		
15	64QAM	36	39	20.10	20.20	20.17		
15	64QAM	75	0	20.07	20.16	19.93		
15	256QAM	1	0	18.14	17.93	17.96	19	5
15	256QAM	1	37	18.00	18.08	18.11		
15	256QAM	1	74	17.94	17.94	18.00		
15	256QAM	36	0	18.04	18.16	18.15	19	5
15	256QAM	36	20	18.28	18.10	18.31		
15	256QAM	36	39	18.15	18.14	18.27		
15	256QAM	75	0	18.14	18.07	17.92		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.15	22.96	24	0
10	QPSK	1	25	22.83	23.03	22.91		
10	QPSK	1	49	22.94	22.99	22.88		
10	QPSK	25	0	22.13	22.08	21.94	23	1
10	QPSK	25	12	22.00	22.02	22.08		
10	QPSK	25	25	21.98	22.07	21.95		
10	QPSK	50	0	22.00	21.99	21.93		
10	16QAM	1	0	22.25	22.16	22.07	23	1
10	16QAM	1	25	22.18	22.04	22.25		
10	16QAM	1	49	22.04	22.19	22.21		
10	16QAM	25	0	21.35	21.24	21.14	22	2
10	16QAM	25	12	21.12	21.29	21.15		
10	16QAM	25	25	21.31	21.11	21.15		
10	16QAM	50	0	21.18	21.16	21.11		
10	64QAM	1	0	20.88	20.90	20.84	22	2
10	64QAM	1	25	20.83	20.85	20.73		
10	64QAM	1	49	20.80	21.03	20.99		
10	64QAM	25	0	20.26	20.13	20.19	21	3
10	64QAM	25	12	20.25	20.11	20.22		
10	64QAM	25	25	20.06	20.15	20.15		
10	64QAM	50	0	20.01	20.12	19.94		
10	256QAM	1	0	18.03	17.94	17.92	19	5
10	256QAM	1	25	18.04	18.07	18.15		
10	256QAM	1	49	17.93	17.94	18.09		
10	256QAM	25	0	17.99	18.14	18.15	19	5
10	256QAM	25	12	18.22	18.19	18.29		
10	256QAM	25	25	18.17	18.18	18.25		
10	256QAM	50	0	18.23	18.18	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	22.98	23.11	23.02	24	0
5	QPSK	1	12	22.88	22.97	22.87		
5	QPSK	1	24	22.95	23.04	22.84		
5	QPSK	12	0	22.02	22.14	22.00	23	1
5	QPSK	12	7	21.97	21.92	22.08		
5	QPSK	12	13	21.98	21.97	21.98		
5	QPSK	25	0	22.06	22.02	21.93		
5	16QAM	1	0	22.16	22.21	22.20	23	1
5	16QAM	1	12	22.06	22.05	22.17		
5	16QAM	1	24	22.08	22.06	22.15		
5	16QAM	12	0	21.29	21.21	21.27	22	2
5	16QAM	12	7	21.10	21.22	21.23		
5	16QAM	12	13	21.31	21.13	21.02		
5	16QAM	25	0	21.14	21.09	21.23		
5	64QAM	1	0	20.90	20.86	20.74	22	2
5	64QAM	1	12	20.90	20.82	20.75		
5	64QAM	1	24	20.72	21.01	21.02		
5	64QAM	12	0	20.23	20.21	20.22	21	3
5	64QAM	12	7	20.28	20.21	20.19		
5	64QAM	12	13	20.18	20.21	20.09		
5	64QAM	25	0	20.10	20.07	20.02		
5	256QAM	1	0	18.08	18.08	17.87	19	5
5	256QAM	1	12	18.06	18.11	18.14		
5	256QAM	1	24	17.96	17.85	18.05		
5	256QAM	12	0	18.07	18.13	18.04	19	5
5	256QAM	12	7	18.31	18.19	18.38		
5	256QAM	12	13	18.22	18.19	18.16		
5	256QAM	25	0	18.14	18.18	17.93		

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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	23.24	23.15	23.32	23.02	22.99	24	0
20	QPSK	1	49	23.10	23.14	23.28	22.87	23.00		
20	QPSK	1	99	23.01	23.17	23.17	22.94	23.04		
20	QPSK	50	0	22.21	22.18	22.27	22.23	22.09	23	1
20	QPSK	50	24	22.12	22.08	22.26	22.09	22.05		
20	QPSK	50	50	22.25	22.10	22.19	22.23	22.12		
20	QPSK	100	0	22.13	22.13	22.21	22.13	22.18		
20	16QAM	1	0	22.43	22.37	22.31	22.40	22.25	23	1
20	16QAM	1	49	22.34	22.21	22.21	22.21	22.43		
20	16QAM	1	99	22.33	22.25	22.43	22.23	22.19		
20	16QAM	50	0	21.38	21.25	21.26	21.24	21.38	22	2
20	16QAM	50	24	21.28	21.15	21.32	21.27	21.32		
20	16QAM	50	50	21.38	21.28	21.14	21.23	21.37		
20	16QAM	100	0	21.20	21.18	21.23	21.10	21.14		
20	64QAM	1	0	21.05	20.85	20.95	21.00	21.02	22	2
20	64QAM	1	49	20.94	20.82	20.96	20.92	20.88		
20	64QAM	1	99	21.07	21.01	20.90	20.88	20.97		
20	64QAM	50	0	20.21	20.35	20.29	20.41	20.28	21	3
20	64QAM	50	24	20.34	20.36	20.33	20.29	20.20		
20	64QAM	50	50	20.32	20.42	20.21	20.36	20.25		
20	64QAM	100	0	20.30	20.14	20.19	20.26	20.08		
20	256QAM	1	0	18.01	18.18	18.10	18.00	18.00	19	5
20	256QAM	1	49	18.11	18.15	18.07	18.19	18.17		
20	256QAM	1	99	18.04	18.12	18.06	17.98	18.06		
20	256QAM	50	0	18.36	18.35	18.30	18.40	18.20	19	5
20	256QAM	50	24	18.39	18.37	18.33	18.19	18.31		
20	256QAM	50	50	18.20	18.32	18.23	18.42	18.32		
20	256QAM	100	0	18.17	18.29	18.19	18.17	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	23.13	23.03	23.25	22.97	22.91	24	0
15	QPSK	1	37	22.98	23.09	23.16	22.77	22.88		
15	QPSK	1	74	22.96	23.05	22.98	22.83	22.94		
15	QPSK	36	0	22.04	22.05	22.21	22.14	21.91	23	1
15	QPSK	36	20	22.04	22.03	22.07	21.94	21.86		
15	QPSK	36	39	22.13	21.99	22.05	22.19	21.96		
15	QPSK	75	0	21.99	21.98	22.02	22.09	22.04		
15	16QAM	1	0	22.36	22.21	22.24	22.24	22.17	23	1
15	16QAM	1	37	22.20	22.13	22.15	22.14	22.28		
15	16QAM	1	74	22.26	22.21	22.24	22.19	22.07		
15	16QAM	36	0	21.22	21.06	21.13	21.06	21.28	22	2
15	16QAM	36	20	21.18	21.05	21.15	21.13	21.18		
15	16QAM	36	39	21.28	21.13	21.08	21.10	21.17		
15	16QAM	75	0	21.11	21.02	21.17	20.98	20.94		
15	64QAM	1	0	20.92	20.73	20.84	20.88	20.83	22	2
15	64QAM	1	37	20.77	20.70	20.83	20.72	20.76		
15	64QAM	1	74	20.98	20.83	20.83	20.68	20.80		
15	64QAM	36	0	20.12	20.27	20.19	20.29	20.15	21	3
15	64QAM	36	20	20.21	20.23	20.19	20.15	20.04		
15	64QAM	36	39	20.24	20.32	20.15	20.23	20.10		
15	64QAM	75	0	20.13	20.07	20.10	20.07	19.89		
15	256QAM	1	0	17.85	17.98	18.02	17.90	17.87	19	5
15	256QAM	1	37	18.04	18.01	17.99	18.00	17.97		
15	256QAM	1	74	17.84	18.08	18.01	17.90	17.90		
15	256QAM	36	0	18.30	18.21	18.21	18.31	18.03	19	5
15	256QAM	36	20	18.32	18.28	18.18	18.04	18.16		
15	256QAM	36	39	18.07	18.17	18.14	18.26	18.12		
15	256QAM	75	0	17.98	18.13	18.01	18.08	18.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.04	23.06	23.18	22.91	22.88	24	0
10	QPSK	1	25	22.91	23.07	23.15	22.80	22.90		
10	QPSK	1	49	22.86	23.02	23.00	22.88	22.92		
10	QPSK	25	0	22.12	22.13	22.12	22.04	21.93	23	1
10	QPSK	25	12	21.93	21.99	22.10	22.02	21.93		
10	QPSK	25	25	22.07	22.05	22.11	22.18	22.05		
10	QPSK	50	0	22.07	22.07	22.10	21.97	21.99		
10	16QAM	1	0	22.28	22.20	22.26	22.25	22.14	23	1
10	16QAM	1	25	22.18	22.13	22.11	22.04	22.26		
10	16QAM	1	49	22.19	22.19	22.35	22.06	22.08		
10	16QAM	25	0	21.27	21.21	21.16	21.12	21.19	22	2
10	16QAM	25	12	21.15	21.10	21.26	21.10	21.27		
10	16QAM	25	25	21.26	21.18	21.08	21.16	21.33		
10	16QAM	50	0	21.05	21.08	21.10	20.91	20.95		
10	64QAM	1	0	20.97	20.74	20.80	20.89	20.82	22	2
10	64QAM	1	25	20.89	20.67	20.82	20.84	20.78		
10	64QAM	1	49	21.01	20.87	20.77	20.80	20.85		
10	64QAM	25	0	20.14	20.23	20.23	20.36	20.14	21	3
10	64QAM	25	12	20.26	20.26	20.14	20.16	20.00		
10	64QAM	25	25	20.16	20.37	20.02	20.17	20.14		
10	64QAM	50	0	20.21	20.06	20.14	20.16	19.89		
10	256QAM	1	0	17.95	18.10	18.02	17.80	17.90	19	5
10	256QAM	1	25	18.01	18.08	18.00	18.08	18.01		
10	256QAM	1	49	17.89	18.04	17.88	17.92	17.90		
10	256QAM	25	0	18.22	18.18	18.20	18.33	18.09	19	5
10	256QAM	25	12	18.25	18.32	18.15	18.05	18.22		
10	256QAM	25	25	18.06	18.22	18.05	18.25	18.15		
10	256QAM	50	0	17.98	18.14	18.03	17.99	18.04		
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	23.19	23.07	23.18	22.95	22.91	24	0
5	QPSK	1	12	23.03	22.99	23.18	22.77	22.93		
5	QPSK	1	24	22.96	23.06	23.03	22.83	22.89		
5	QPSK	12	0	22.12	22.13	22.08	22.18	21.92	23	1
5	QPSK	12	7	22.04	22.03	22.13	21.89	21.90		
5	QPSK	12	13	22.10	21.92	22.14	22.09	22.06		
5	QPSK	25	0	22.04	21.98	22.03	22.00	22.04		
5	16QAM	1	0	22.23	22.18	22.18	22.36	22.17	23	1
5	16QAM	1	12	22.21	22.05	22.05	22.09	22.28		
5	16QAM	1	24	22.19	22.20	22.38	22.10	22.09		
5	16QAM	12	0	21.25	21.19	21.14	21.16	21.23	22	2
5	16QAM	12	7	21.16	21.06	21.15	21.18	21.13		
5	16QAM	12	13	21.27	21.20	21.02	21.13	21.30		
5	16QAM	25	0	21.10	21.06	21.08	21.03	21.00		
5	64QAM	1	0	20.89	20.78	20.77	20.91	20.90	22	2
5	64QAM	1	12	20.87	20.73	20.85	20.73	20.82		
5	64QAM	1	24	20.89	20.84	20.83	20.75	20.89		
5	64QAM	12	0	20.10	20.29	20.12	20.32	20.21	21	3
5	64QAM	12	7	20.23	20.26	20.15	20.16	20.02		
5	64QAM	12	13	20.23	20.23	20.06	20.29	20.12		
5	64QAM	25	0	20.26	20.08	20.06	20.19	19.94		
5	256QAM	1	0	17.87	18.04	18.01	17.88	17.85	19	5
5	256QAM	1	12	18.05	18.09	17.96	17.99	18.12		
5	256QAM	1	24	17.97	17.98	18.02	17.93	17.96		
5	256QAM	12	0	18.25	18.22	18.14	18.29	18.11	19	5
5	256QAM	12	7	18.31	18.33	18.18	18.14	18.19		
5	256QAM	12	13	18.07	18.25	18.15	18.38	18.18		
5	256QAM	25	0	18.09	18.15	17.99	18.00	18.02		

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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	26.27	26.14	26.29	26.02	25.94	27	0
20	QPSK	1	49	26.17	26.02	26.28	26.04	26.16		
20	QPSK	1	99	25.93	26.17	26.07	26.01	26.06		
20	QPSK	50	0	25.19	25.04	25.26	25.11	25.09	26	1
20	QPSK	50	24	25.06	25.15	25.08	25.07	25.13		
20	QPSK	50	50	24.92	25.11	25.16	25.17	25.11		
20	QPSK	100	0	25.15	25.07	25.20	25.08	25.19		
20	16QAM	1	0	25.47	25.50	25.51	25.60	25.44	26	1
20	16QAM	1	49	25.41	25.56	25.42	25.38	25.40		
20	16QAM	1	99	25.47	25.42	25.43	25.45	25.46		
20	16QAM	50	0	24.17	24.21	24.26	24.32	24.32	25	2
20	16QAM	50	24	24.14	24.30	24.39	24.28	24.39		
20	16QAM	50	50	24.17	24.39	24.33	24.23	24.32		
20	16QAM	100	0	24.17	24.28	24.21	24.21	24.14		
20	64QAM	1	0	24.15	24.33	24.26	24.25	24.14	25	2
20	64QAM	1	49	24.22	24.16	24.17	24.25	24.17		
20	64QAM	1	99	24.36	24.27	24.15	24.24	24.16		
20	64QAM	50	0	23.42	23.27	23.30	23.40	23.35	24	3
20	64QAM	50	24	23.33	23.33	23.20	23.27	23.32		
20	64QAM	50	50	23.40	23.40	23.39	23.24	23.21		
20	64QAM	100	0	23.22	23.10	23.19	23.26	23.32		
20	256QAM	1	0	21.34	21.23	21.27	21.20	21.28	22	5
20	256QAM	1	49	21.35	21.25	21.35	21.35	21.31		
20	256QAM	1	99	21.33	21.33	21.39	21.17	21.20		
20	256QAM	50	0	21.23	21.27	21.30	21.18	21.21	22	5
20	256QAM	50	24	21.34	21.28	21.20	21.33	21.40		
20	256QAM	50	50	21.23	21.31	21.33	21.19	21.31		
20	256QAM	100	0	21.26	21.16	21.19	21.13	21.17		
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	26.13	26.03	26.24	25.87	25.85	27	0
15	QPSK	1	37	25.99	25.89	26.17	25.91	26.01		
15	QPSK	1	74	25.87	25.97	25.93	25.95	25.98		
15	QPSK	36	0	25.07	24.93	25.13	25.03	24.91	26	1
15	QPSK	36	20	24.98	25.04	25.02	24.91	24.97		
15	QPSK	36	39	24.82	24.92	25.02	25.03	25.07		
15	QPSK	75	0	25.07	24.98	25.10	25.03	25.11		
15	16QAM	1	0	25.27	25.43	25.45	25.55	25.31	26	1
15	16QAM	1	37	25.27	25.39	25.35	25.24	25.35		
15	16QAM	1	74	25.29	25.30	25.32	25.38	25.29		
15	16QAM	36	0	23.99	24.08	24.21	24.27	24.14	25	2
15	16QAM	36	20	23.98	24.17	24.24	24.13	24.23		
15	16QAM	36	39	24.12	24.30	24.18	24.11	24.14		
15	16QAM	75	0	24.06	24.15	24.13	24.05	24.00	25	2
15	64QAM	1	0	23.97	24.22	24.10	24.07	23.99		
15	64QAM	1	37	24.12	24.07	23.99	24.09	24.11		
15	64QAM	1	74	24.18	24.12	24.10	24.13	24.04		
15	64QAM	36	0	23.30	23.16	23.18	23.30	23.21	24	3
15	64QAM	36	20	23.16	23.26	23.10	23.17	23.28		
15	64QAM	36	39	23.29	23.35	23.26	23.07	23.10		
15	64QAM	75	0	23.12	22.90	23.11	23.18	23.19		
15	256QAM	1	0	21.16	21.08	21.10	21.04	21.13	22	5
15	256QAM	1	37	21.26	21.05	21.22	21.23	21.18		
15	256QAM	1	74	21.15	21.14	21.28	21.07	21.10		
15	256QAM	36	0	21.16	21.18	21.26	20.98	21.17	22	5
15	256QAM	36	20	21.28	21.08	21.11	21.26	21.30		
15	256QAM	36	39	21.13	21.23	21.15	21.09	21.12		
15	256QAM	75	0	21.07	21.02	21.08	20.98	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.23	26.02	26.19	25.96	25.81	27	0
10	QPSK	1	25	26.04	25.94	26.21	25.89	26.03		
10	QPSK	1	49	25.82	26.13	26.00	25.92	25.97		
10	QPSK	25	0	25.14	24.99	25.19	25.01	25.00	26	1
10	QPSK	25	12	25.01	25.08	24.98	24.92	25.05		
10	QPSK	25	25	24.72	24.96	25.10	24.98	25.05		
10	QPSK	50	0	24.99	24.96	25.10	24.91	25.08		
10	16QAM	1	0	25.42	25.33	25.43	25.51	25.30	26	1
10	16QAM	1	25	25.25	25.47	25.22	25.27	25.34		
10	16QAM	1	49	25.30	25.31	25.34	25.31	25.30		
10	16QAM	25	0	24.03	24.15	24.10	24.24	24.22	25	2
10	16QAM	25	12	24.03	24.24	24.33	24.24	24.22		
10	16QAM	25	25	24.02	24.34	24.15	24.12	24.19		
10	16QAM	50	0	24.09	24.12	24.06	24.08	24.06		
10	64QAM	1	0	24.09	24.26	24.13	24.13	24.00	25	2
10	64QAM	1	25	24.18	24.00	24.12	24.10	24.09		
10	64QAM	1	49	24.31	24.14	24.04	24.16	24.08		
10	64Q

Band 42 FCC Part27Q Ant7

BW [MHz]	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	22.68	22.86	22.79		
20	QPSK	1	49	22.61	22.79	22.70	24	0
20	QPSK	1	99	22.63	22.73	22.78		
20	QPSK	50	0	21.88	21.96	21.75		
20	QPSK	50	24	21.89	21.92	21.74	23	1
20	QPSK	50	50	21.78	21.89	21.93		
20	QPSK	100	0	21.83	21.92	21.91		
20	16QAM	1	0	21.79	21.89	21.91		
20	16QAM	1	49	21.79	22.01	21.83	23	1
20	16QAM	1	99	21.78	21.95	22.01		
20	16QAM	50	0	20.85	20.95	21.07		
20	16QAM	50	24	21.03	20.96	20.93	22	2
20	16QAM	50	50	20.82	20.96	20.87		
20	16QAM	100	0	21.01	20.93	20.90		
20	64QAM	1	0	20.43	20.53	20.56		
20	64QAM	1	49	20.64	20.53	20.51	22	2
20	64QAM	1	99	20.53	20.48	20.47		
20	64QAM	50	0	20.08	19.96	19.98		
20	64QAM	50	24	19.97	19.98	19.96	21	3
20	64QAM	50	50	20.03	19.92	20.01		
20	64QAM	100	0	19.83	19.94	20.03		
20	256QAM	1	0	17.83	17.75	17.74		
20	256QAM	1	49	17.85	17.72	17.77	19	5
20	256QAM	1	99	17.82	17.63	17.70		
20	256QAM	50	0	18.06	17.96	18.02		
20	256QAM	50	24	18.05	17.85	18.04	19	5
20	256QAM	50	50	17.87	17.99	18.08		
20	256QAM	100	0	17.80	17.93	17.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3590	3542.5		
15	QPSK	1	0	22.51	22.78	22.71		
15	QPSK	1	37	22.48	22.64	22.54	24	0
15	QPSK	1	74	22.46	22.58	22.63		
15	QPSK	36	0	21.76	21.88	21.60		
15	QPSK	36	20	21.81	21.85	21.65	23	1
15	QPSK	36	39	21.60	21.75	21.76		
15	QPSK	75	0	21.69	21.80	21.81		
15	16QAM	1	0	21.75	21.83	21.76		
15	16QAM	1	37	21.60	21.85	21.75	23	1
15	16QAM	1	74	21.71	21.87	21.91		
15	16QAM	36	0	20.80	20.80	21.01		
15	16QAM	36	20	20.97	20.80	20.77	22	2
15	16QAM	36	39	20.78	20.87	20.75		
15	16QAM	75	0	20.93	20.87	20.82		
15	64QAM	1	0	20.37	20.44	20.50		
15	64QAM	1	37	20.47	20.45	20.32	22	2
15	64QAM	1	74	20.48	20.39	20.38		
15	64QAM	36	0	20.00	19.88	19.86		
15	64QAM	36	20	19.87	19.92	19.83	21	3
15	64QAM	36	39	19.93	19.80	19.90		
15	64QAM	75	0	19.64	19.90	19.89		
15	256QAM	1	0	17.70	17.57	17.56		
15	256QAM	1	37	17.72	17.54	17.65	19	5
15	256QAM	1	74	17.71	17.55	17.54		
15	256QAM	36	0	17.93	17.84	17.92		
15	256QAM	36	20	17.89	17.73	17.96	19	5
15	256QAM	36	39	17.67	17.83	17.92		
15	256QAM	75	0	17.64	17.84	17.92		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.63	22.78	22.72		
10	QPSK	1	25	22.45	22.66	22.63	24	0
10	QPSK	1	49	22.43	22.63	22.70		
10	QPSK	25	0	21.71	21.83	21.65		
10	QPSK	25	12	21.75	21.77	21.56	23	1
10	QPSK	25	25	21.69	21.85	21.79		
10	QPSK	50	0	21.73	21.79	21.84		
10	16QAM	1	0	21.75	21.81	21.77		
10	16QAM	1	25	21.72	21.92	21.78	23	1
10	16QAM	1	49	21.62	21.90	21.83		
10	16QAM	25	0	20.75	20.75	20.97		
10	16QAM	25	12	20.95	20.86	20.81	22	2
10	16QAM	25	25	20.75	20.88	20.69		
10	16QAM	50	0	20.84	20.78	20.82		
10	64QAM	1	0	20.31	20.47	20.47		
10	64QAM	1	25	20.58	20.36	20.36	22	2
10	64QAM	1	49	20.46	20.32	20.40		
10	64QAM	25	0	19.99	19.86	19.89		
10	64QAM	25	12	19.78	19.94	19.83	21	3
10	64QAM	25	25	19.85	19.77	19.85		
10	64QAM	50	0	19.71	19.82	19.89		
10	256QAM	1	0	17.71	17.69	17.68		
10	256QAM	1	25	17.79	17.56	17.64	19	5
10	256QAM	1	49	17.78	17.44	17.56		
10	256QAM	25	0	18.00	17.90	17.95		
10	256QAM	25	12	17.90	17.68	17.98	19	5
10	256QAM	25	25	17.78	17.85	17.92		
10	256QAM	50	0	17.74	17.82	17.79		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.63	22.75	22.73		
5	QPSK	1	12	22.44	22.74	22.60	24	0
5	QPSK	1	24	22.53	22.64	22.73		
5	QPSK	12	0	21.82	21.81	21.55		
5	QPSK	12	7	21.71	21.74	21.70	23	1
5	QPSK	12	13	21.65	21.73	21.88		
5	QPSK	25	0	21.78	21.77	21.76		
5	16QAM	1	0	21.70	21.74	21.86		
5	16QAM	1	12	21.60	21.96	21.77	23	1
5	16QAM	1	24	21.68	21.85	21.84		
5	16QAM	12	0	20.79	20.79	21.01		
5	16QAM	12	7	20.95	20.76	20.74	22	2
5	16QAM	12	13	20.75	20.81	20.72		
5	16QAM	25	0	20.93	20.88	20.79		
5	64QAM	1	0	20.25	20.39	20.36		
5	64QAM	1	12	20.60	20.38	20.47	22	2
5	64QAM	1	24	20.48	20.41	20.37		
5	64QAM	12	0	19.96	19.79	19.94		
5	64QAM	12	7	19.83	19.80	19.84	21	3
5	64QAM	12	13	19.84	19.87	19.92		
5	64QAM	25	0	19.73	19.89	19.98		
5	256QAM	1	0	17.77	17.58	17.67		
5	256QAM	1	12	17.77	17.58	17.64	19	5
5	256QAM	1	24	17.62	17.50	17.56		
5	256QAM	12	0	17.96	17.89	17.87		
5	256QAM	12	7	17.92	17.66	17.96	19	5
5	256QAM	12	13	17.80	17.84	18.02		
5	256QAM	25	0	17.60	17.86	17.77		

Band 42 FCC Part27Q Ant4

BW [MHz]	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	20.06	20.13	20.07	21	0
20	QPSK	1	49	20.06	20.04	20.08		
20	QPSK	1	99	20.06	20.12	19.91		
20	QPSK	50	0	19.09	19.18	19.06	20	1
20	QPSK	50	24	19.10	18.99	18.97		
20	QPSK	50	50	18.92	19.17	18.94		
20	QPSK	100	0	19.09	19.13	19.01		
20	16QAM	1	0	19.22	19.30	19.40	20	1
20	16QAM	1	49	19.26	19.41	19.38		
20	16QAM	1	99	19.22	19.36	19.24		
20	16QAM	50	0	18.10	18.15	18.27	19	2
20	16QAM	50	24	18.23	18.09	18.15		
20	16QAM	50	50	18.16	18.19	18.18		
20	16QAM	100	0	18.04	18.16	18.05		
20	64QAM	1	0	18.09	18.06	17.94	19	2
20	64QAM	1	49	17.96	18.03	18.04		
20	64QAM	1	99	17.95	18.11	18.19		
20	64QAM	50	0	17.09	17.18	17.08	18	3
20	64QAM	50	24	17.21	17.20	17.20		
20	64QAM	50	50	17.07	17.14	17.21		
20	64QAM	100	0	17.07	17.12	17.11		
20	256QAM	1	0	15.06	15.10	15.19	16	5
20	256QAM	1	49	15.16	15.22	15.20		
20	256QAM	1	99	15.18	15.05	15.10		
20	256QAM	50	0	15.14	15.18	15.14	16	5
20	256QAM	50	24	15.09	15.08	15.18		
20	256QAM	50	50	15.21	15.20	15.15		
20	256QAM	100	0	15.06	15.13	15.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.95	19.99	19.93	21	0
15	QPSK	1	37	19.87	19.95	20.04		
15	QPSK	1	74	19.94	20.02	19.82		
15	QPSK	36	0	18.90	19.02	18.91	20	1
15	QPSK	36	20	18.93	18.94	18.88		
15	QPSK	36	39	18.81	19.06	18.77		
15	QPSK	75	0	18.99	19.01	18.92		
15	16QAM	1	0	19.15	19.21	19.35	20	1
15	16QAM	1	37	19.19	19.25	19.30		
15	16QAM	1	74	19.09	19.19	19.06		
15	16QAM	36	0	17.94	18.08	18.18	19	2
15	16QAM	36	20	18.08	17.90	18.03		
15	16QAM	36	39	18.05	18.03	17.99		
15	16QAM	75	0	17.91	18.06	17.86		
15	64QAM	1	0	18.05	18.00	17.78	19	2
15	64QAM	1	37	17.79	17.94	17.97		
15	64QAM	1	74	17.87	17.93	18.02		
15	64QAM	36	0	16.90	17.05	16.97	18	3
15	64QAM	36	20	17.10	17.15	17.01		
15	64QAM	36	39	17.01	16.95	17.06		
15	64QAM	75	0	16.93	16.98	17.02		
15	256QAM	1	0	14.92	14.92	15.03	16	5
15	256QAM	1	37	15.00	15.02	15.12		
15	256QAM	1	74	15.08	15.00	14.92		
15	256QAM	36	0	15.09	15.10	15.02	16	5
15	256QAM	36	20	15.00	14.90	15.03		
15	256QAM	36	39	15.03	15.11	15.07		
15	256QAM	75	0	14.86	14.94	15.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.88	20.09	20.02	21	0
10	QPSK	1	25	19.90	19.97	19.96		
10	QPSK	1	49	19.88	20.06	19.82		
10	QPSK	25	0	18.92	19.04	18.92	20	1
10	QPSK	25	12	19.04	18.87	18.78		
10	QPSK	25	25	18.75	19.12	18.75		
10	QPSK	50	0	18.98	18.99	18.96		
10	16QAM	1	0	19.03	19.13	19.21	20	1
10	16QAM	1	25	19.09	19.23	19.27		
10	16QAM	1	49	19.09	19.30	19.13		
10	16QAM	25	0	17.94	18.04	18.18	19	2
10	16QAM	25	12	18.12	17.93	17.98		
10	16QAM	25	25	18.00	18.12	18.04		
10	16QAM	50	0	17.92	18.02	17.90		
10	64QAM	1	0	18.04	17.90	17.78	19	2
10	64QAM	1	25	17.90	17.88	17.91		
10	64QAM	1	49	17.78	18.03	18.05		
10	64QAM	25	0	16.99	17.01	17.00	18	3
10	64QAM	25	12	17.16	17.15	17.07		
10	64QAM	25	25	16.98	17.02	17.05		
10	64QAM	50	0	16.88	17.02	16.99		
10	256QAM	1	0	14.99	14.91	15.07	16	5
10	256QAM	1	25	15.06	15.12	15.04		
10	256QAM	1	49	15.04	14.99	15.04		
10	256QAM	25	0	15.01	15.10	14.98	16	5
10	256QAM	25	12	14.98	14.93	14.99		
10	256QAM	25	25	15.16	15.14	14.99		
10	256QAM	50	0	14.92	15.04	15.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.00	19.98	19.91	21	0
5	QPSK	1	12	19.98	19.89	19.96		
5	QPSK	1	24	19.92	19.96	19.82		
5	QPSK	12	0	18.97	18.99	18.98	20	1
5	QPSK	12	7	19.01	18.85	18.89		
5	QPSK	12	13	18.82	19.00	18.85		
5	QPSK	25	0	18.90	18.98	18.93		
5	16QAM	1	0	19.17	19.14	19.34	20	1
5	16QAM	1	12	19.20	19.37	19.26		
5	16QAM	1	24	19.08	19.20	19.13		
5	16QAM	12	0	18.02	18.06	18.18	19	2
5	16QAM	12	7	18.13	17.95	17.97		
5	16QAM	12	13	17.98	18.12	18.09		
5	16QAM	25	0	17.96	18.06	17.91		
5	64QAM	1	0	17.95	17.89	17.77	19	2
5	64QAM	1	12	17.80	17.98	17.94		
5	64QAM	1	24	17.86	18.00	18.00		
5	64QAM	12	0	16.90	17.06	16.90	18	3
5	64QAM	12	7	17.12	17.05	17.15		
5	64QAM	12	13	16.92	16.96	17.14		
5	64QAM	25	0	16.92	17.01	17.05		
5	256QAM	1	0	14.96	14.97	15.03	16	5
5	256QAM	1	12	15.10	15.11	15.01		
5	256QAM	1	24	15.11	14.96	14.96		
5	256QAM	12	0	14.95	15.08	15.08	16	5
5	256QAM	12	7	15.04	15.01	15.02		
5	256QAM	12	13	15.01	15.16	15.02		
5	256QAM	25	0	14.93	14.96	15.04		

Band 42 FCC Part27Q Ant8

BW [MHz]	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	21.96	22.01	21.88		
20	QPSK	1	49	21.89	22.00	21.86	23	0
20	QPSK	1	99	21.84	21.83	21.63		
20	QPSK	50	0	20.88	21.09	21.01		
20	QPSK	50	24	21.04	20.96	20.97	22	1
20	QPSK	50	50	21.04	20.90	21.03		
20	QPSK	100	0	21.00	21.07	20.86		
20	16QAM	1	0	21.04	20.97	20.89		
20	16QAM	1	49	20.97	21.05	20.94	22	1
20	16QAM	1	99	21.02	21.08	21.08		
20	16QAM	50	0	20.12	20.09	20.13		
20	16QAM	50	24	20.18	20.08	20.14	21	2
20	16QAM	50	50	20.05	20.18	20.08		
20	16QAM	100	0	20.21	20.10	20.14		
20	64QAM	1	0	19.84	19.72	19.71		
20	64QAM	1	49	19.66	19.63	19.79	21	2
20	64QAM	1	99	19.69	19.65	19.70		
20	64QAM	50	0	19.23	19.13	19.08		
20	64QAM	50	24	19.04	19.13	19.12	20	3
20	64QAM	50	50	19.21	19.10	19.09		
20	64QAM	100	0	19.05	19.08	18.96		
20	256QAM	1	0	16.93	16.85	16.84		
20	256QAM	1	49	16.95	16.74	16.94	18	5
20	256QAM	1	99	16.95	16.85	16.76		
20	256QAM	50	0	16.99	17.09	17.03		
20	256QAM	50	24	17.06	17.14	17.19	18	5
20	256QAM	50	50	17.19	16.99	17.18		
20	256QAM	100	0	17.02	17.05	16.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.88	21.78		
15	QPSK	1	37	21.72	21.88	21.78	23	0
15	QPSK	1	74	21.76	21.77	21.56		
15	QPSK	36	0	20.84	20.96	20.88		
15	QPSK	36	20	20.94	20.86	20.85	22	1
15	QPSK	36	39	20.90	20.83	20.84		
15	QPSK	75	0	20.93	21.01	20.77		
15	16QAM	1	0	20.87	20.81	20.84		
15	16QAM	1	37	20.90	20.96	20.79	22	1
15	16QAM	1	74	20.82	20.94	20.99		
15	16QAM	36	0	19.98	19.96	20.03		
15	16QAM	36	20	20.09	20.00	20.01	21	2
15	16QAM	36	39	19.96	19.99	19.90		
15	16QAM	75	0	20.03	20.02	19.99		
15	64QAM	1	0	19.72	19.60	19.61		
15	64QAM	1	37	19.51	19.50	19.62	21	2
15	64QAM	1	74	19.56	19.47	19.65		
15	64QAM	36	0	19.16	19.04	18.93		
15	64QAM	36	20	18.84	19.08	18.97	20	3
15	64QAM	36	39	19.09	18.94	18.93		
15	64QAM	75	0	18.96	19.04	18.85		
15	256QAM	1	0	16.76	16.81	16.72		
15	256QAM	1	37	16.86	16.54	16.88	18	5
15	256QAM	1	74	16.77	16.75	16.69		
15	256QAM	36	0	16.86	17.00	16.98		
15	256QAM	36	20	17.00	17.02	17.09	18	5
15	256QAM	36	39	17.01	16.89	17.11		
15	256QAM	75	0	16.93	16.93	16.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.79	21.89	21.74		
10	QPSK	1	25	21.84	21.82	21.69	23	0
10	QPSK	1	49	21.70	21.73	21.50		
10	QPSK	25	0	20.71	21.01	20.86		
10	QPSK	25	12	20.96	20.91	20.90	22	1
10	QPSK	25	25	20.93	20.78	20.87		
10	QPSK	50	0	20.89	20.91	20.82		
10	16QAM	1	0	20.86	20.90	20.69		
10	16QAM	1	25	20.86	20.96	20.85	22	1
10	16QAM	1	49	20.97	20.92	20.94		
10	16QAM	25	0	19.94	19.94	19.96		
10	16QAM	25	12	20.05	19.99	20.00	21	2
10	16QAM	25	25	19.85	20.09	20.03		
10	16QAM	50	0	20.08	19.90	19.94		
10	64QAM	1	0	19.75	19.53	19.61		
10	64QAM	1	25	19.56	19.46	19.59	21	2
10	64QAM	1	49	19.60	19.46	19.58		
10	64QAM	25	0	19.11	19.04	18.94		
10	64QAM	25	12	18.86	18.94	18.93	20	3
10	64QAM	25	25	19.12	18.96	19.03		
10	64QAM	50	0	18.94	18.90	18.79		
10	256QAM	1	0	16.81	16.70	16.76		
10	256QAM	1	25	16.75	16.68	16.81	18	5
10	256QAM	1	49	16.75	16.75	16.68		
10	256QAM	25	0	16.86	16.91	16.84		
10	256QAM	25	12	16.94	17.01	17.09	18	5
10	256QAM	25	25	17.06	16.79	17.01		
10	256QAM	50	0	16.87	16.89	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.90	21.95	21.74		
5	QPSK	1	12	21.71	21.85	21.68	23	0
5	QPSK	1	24	21.71	21.76	21.49		
5	QPSK	12	0	20.80	20.94	20.84		
5	QPSK	12	7	20.86	20.77	20.88	22	1
5	QPSK	12	13	20.98	20.73	20.85		
5	QPSK	25	0	20.81	20.89	20.76		
5	16QAM	1	0	20.89	20.83	20.80		
5	16QAM	1	12	20.77	20.86	20.77	22	1
5	16QAM	1	24	20.86	20.99	20.88		
5	16QAM	12	0	20.05	19.89	20.03		
5	16QAM	12	7	19.99	19.99	20.09	21	2
5	16QAM	12	13	19.98	20.14	19.94		
5	16QAM	25	0	20.13	19.99	20.00		
5	64QAM	1	0	19.74	19.55	19.64		
5	64QAM	1	12	19.57	19.57	19.65	21	2
5	64QAM	1	24	19.56	19.49	19.59		
5	64QAM	12	0	19.07	18.94	18.98		
5	64QAM	12	7	18.85	18.93	18.99	20	3
5	64QAM	12	13	19.02	18.93	19.02		
5	64QAM	25	0	18.92	18.94	18.78		
5	256QAM	1	0	16.87	16.69	16.72		
5	256QAM	1	12	16.89	16.66	16.81	18	5
5	256QAM	1	24	16.75	16.71	16.70		
5	256QAM	12	0	16.89	16.91	16.96		
5	256QAM	12	7	16.89	16.99	17.02	18	5
5	256QAM	12	13	17.02	16.90	17.11		
5	256QAM	25	0	16.90	16.90	16.77		

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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	21.12	21.33	21.26		
20	QPSK	1	49	20.94	21.25	21.22	22.5	0
20	QPSK	1	99	21.02	21.13	21.18		
20	QPSK	50	0	20.21	20.33	20.14		
20	QPSK	50	24	20.17	20.26	20.15	21.5	1
20	QPSK	50	50	20.23	20.21	20.14		
20	QPSK	100	0	20.23	20.31	20.16		
20	16QAM	1	0	20.43	20.44	20.56		
20	16QAM	1	49	20.39	20.49	20.33	21.5	1
20	16QAM	1	99	20.49	20.51	20.54		
20	16QAM	50	0	19.32	19.35	19.25		
20	16QAM	50	24	19.31	19.39	19.27	20.5	2
20	16QAM	50	50	19.28	19.42	19.29		
20	16QAM	100	0	19.37	19.34	19.21		
20	64QAM	1	0	19.21	19.24	19.24		
20	64QAM	1	49	19.11	19.24	19.17	20.5	2
20	64QAM	1	99	19.15	19.22	19.24		
20	64QAM	50	0	18.26	18.37	18.29		
20	64QAM	50	24	18.36	18.38	18.45	19.5	3
20	64QAM	50	50	18.48	18.46	18.31		
20	64QAM	100	0	18.44	18.32	18.40		
20	256QAM	1	0	16.42	16.29	16.21		
20	256QAM	1	49	16.28	16.38	16.24	17.5	5
20	256QAM	1	99	16.27	16.22	16.34		
20	256QAM	50	0	16.31	16.38	16.30		
20	256QAM	50	24	16.34	16.43	16.26	17.5	5
20	256QAM	50	50	16.43	16.31	16.42		
20	256QAM	100	0	16.41	16.32	16.24		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.95	21.23	21.19		
15	QPSK	1	37	20.88	21.14	21.17	22.5	0
15	QPSK	1	74	20.95	20.97	20.99		
15	QPSK	36	0	20.06	20.22	20.10		
15	QPSK	36	20	20.11	20.12	20.02	21.5	1
15	QPSK	36	39	20.06	20.05	20.04		
15	QPSK	75	0	20.12	20.18	20.04		
15	16QAM	1	0	20.34	20.37	20.47		
15	16QAM	1	37	20.23	20.43	20.24	21.5	1
15	16QAM	1	74	20.40	20.36	20.50		
15	16QAM	36	0	19.25	19.23	19.15		
15	16QAM	36	20	19.27	19.31	19.18	20.5	2
15	16QAM	36	39	19.15	19.30	19.11		
15	16QAM	75	0	19.21	19.26	19.08		
15	64QAM	1	0	19.15	19.13	19.10		
15	64QAM	1	37	19.06	19.18	19.03	20.5	2
15	64QAM	1	74	19.10	19.17	19.20		
15	64QAM	36	0	18.10	18.28	18.20		
15	64QAM	36	20	18.22	18.28	18.35	19.5	3
15	64QAM	36	39	18.34	18.34	18.14		
15	64QAM	75	0	18.27	18.19	18.23		
15	256QAM	1	0	16.34	16.20	16.14		
15	256QAM	1	37	16.10	16.32	16.16	17.5	5
15	256QAM	1	74	16.15	16.16	16.16		
15	256QAM	36	0	16.12	16.33	16.15		
15	256QAM	36	20	16.17	16.36	16.12	17.5	5
15	256QAM	36	39	16.35	16.25	16.23		
15	256QAM	75	0	16.30	16.24	16.07		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.99	21.21	21.19		
10	QPSK	1	25	20.84	21.15	21.08	22.5	0
10	QPSK	1	49	20.92	21.01	21.05		
10	QPSK	25	0	20.08	20.24	19.95		
10	QPSK	25	12	20.10	20.17	20.09	21.5	1
10	QPSK	25	25	20.15	20.04	19.98		
10	QPSK	50	0	20.09	20.23	20.07		
10	16QAM	1	0	20.31	20.30	20.45		
10	16QAM	1	25	20.26	20.41	20.22	21.5	1
10	16QAM	1	49	20.31	20.43	20.47		
10	16QAM	25	0	19.13	19.21	19.16		
10	16QAM	25	12	19.19	19.26	19.22	20.5	2
10	16QAM	25	25	19.20	19.34	19.20		
10	16QAM	50	0	19.27	19.17	19.02		
10	64QAM	1	0	19.07	19.06	19.06		
10	64QAM	1	25	19.05	19.13	19.03	20.5	2
10	64QAM	1	49	19.02	19.09	19.06		
10	64QAM	25	0	18.18	18.26	18.22		
10	64QAM	25	12	18.22	18.23	18.27	19.5	3
10	64QAM	25	25	18.37	18.40	18.23		
10	64QAM	50	0	18.27	18.17	18.34		
10	256QAM	1	0	16.33	16.13	16.01		
10	256QAM	1	25	16.13	16.21	16.19	17.5	5
10	256QAM	1	49	16.14	16.12	16.21		
10	256QAM	25	0	16.26	16.20	16.19		
10	256QAM	25	12	16.16	16.26	16.07	17.5	5
10	256QAM	25	25	16.25	16.24	16.24		
10	256QAM	50	0	16.31	16.20	16.08		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	21.08	21.13	21.13		
5	QPSK	1	12	20.77	21.06	21.16	22.5	0
5	QPSK	1	24	20.95	21.05	21.14		
5	QPSK	12	0	20.15	20.23	20.05		
5	QPSK	12	7	20.03	20.14	20.08	21.5	1
5	QPSK	12	13	20.19	20.08	20.03		
5	QPSK	25	0	20.18	20.15	20.09		
5	16QAM	1	0	20.34	20.35	20.49		
5	16QAM	1	12	20.25	20.35	20.13	21.5	1
5	16QAM	1	24	20.32	20.43	20.50		
5	16QAM	12	0	19.12	19.25	19.08		
5	16QAM	12	7	19.14	19.22	19.14	20.5	2
5	16QAM	12	13	19.09	19.29	19.18		
5	16QAM	25	0	19.26	19.16	19.05		
5	64QAM	1	0	19.16	19.19	19.18		
5	64QAM	1	12	19.01	19.12	19.12	20.5	2
5	64QAM	1	24	19.04	19.08	19.14		
5	64QAM	12	0	18.19	18.23	18.20		
5	64QAM	12	7	18.28	18.32	18.31	19.5	3
5	64QAM	12	13	18.30	18.28	18.14		
5	64QAM	25	0	18.31	18.15	18.27		
5	256QAM	1	0	16.38	16.22	16.01		
5	256QAM	1	12	16.09	16.18	16.05	17.5	5
5	256QAM	1	24	16.22	16.11	16.28		
5	256QAM	12	0	16.26	16.29	16.21		
5	256QAM	12	7	16.18	16.26	16.14	17.5	5
5	256QAM	12	13	16.29	16.19	16.26		
5	256QAM	25	0	16.27	16.14	16.08		

Reduced Power Mode for ECI2

GSM850 Ant0	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	31.87	31.95	31.92	33.50	22.87	22.95	22.92	24.50
GPRS 1 Tx slot	31.77	31.86	31.74	33.50	22.77	22.86	22.74	24.50
GPRS 2 Tx slots	28.85	28.88	28.81	29.50	22.85	22.88	22.81	23.50
GPRS 3 Tx slots	27.13	27.17	27.04	28.00	22.87	22.91	22.78	23.74
GPRS 4 Tx slots	25.88	25.94	25.88	27.50	22.88	22.94	22.88	24.50
EDGE 1 Tx slot	26.34	26.40	26.26	27.50	17.34	17.40	17.26	18.50
EDGE 2 Tx slots	25.11	25.22	25.17	26.00	19.11	19.22	19.17	20.00
EDGE 3 Tx slots	23.03	23.07	23.03	24.00	18.77	18.81	18.77	19.74
EDGE 4 Tx slots	21.78	21.85	21.71	23.00	18.78	18.85	18.71	20.00

GSM1900 Ant0	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	28.51	28.55	28.49	29.50	19.51	19.55	19.49	20.50
GPRS 1 Tx slot	28.40	28.50	28.42	29.50	19.40	19.50	19.42	20.50
GPRS 2 Tx slots	25.40	25.52	25.40	26.50	19.40	19.52	19.40	20.50
GPRS 3 Tx slots	23.67	23.78	23.72	25.00	19.41	19.52	19.46	20.74
GPRS 4 Tx slots	22.68	22.71	22.60	24.00	19.68	19.71	19.60	21.00
EDGE 1 Tx slot	24.46	24.60	24.52	25.50	15.46	15.60	15.52	16.50
EDGE 2 Tx slots	23.22	23.26	23.14	24.00	17.22	17.26	17.14	18.00
EDGE 3 Tx slots	20.70	20.81	20.78	22.00	16.44	16.55	16.52	17.74
EDGE 4 Tx slots	19.00	19.06	18.99	20.00	16.00	16.06	15.99	17.00

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			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	20.81	20.99	20.97	22.00	20.95	20.96	20.84	22.00	22.19	22.27	22.11	23.00
3GPP Rel 99	RMC 12.2Kbps	20.88	21.00	20.98	22.00	20.97	20.99	20.86	22.00	22.21	22.28	22.12	23.00
3GPP Rel 6	HSDPA Subtest-1	19.95	20.12	19.73	21.00	19.85	19.80	19.90	21.00	21.24	21.28	21.21	22.00
3GPP Rel 6	HSDPA Subtest-2	19.67	20.11	19.70	21.00	19.75	19.81	19.94	21.00	21.15	21.20	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	19.48	19.34	19.21	20.50	19.46	19.53	19.48	20.50	20.81	20.85	20.72	21.50
3GPP Rel 6	HSDPA Subtest-4	19.43	19.42	19.30	20.50	19.60	19.35	19.50	20.50	20.80	20.73	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.87	20.12	19.69	21.00	19.63	19.97	19.72	21.00	21.31	21.25	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.68	20.14	20.04	21.00	19.86	20.10	19.92	21.00	21.25	21.34	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.16	19.55	19.28	20.50	19.26	19.56	19.43	20.50	20.75	20.75	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.49	19.38	19.33	20.50	19.58	19.45	19.23	20.50	20.83	20.71	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	19.93	20.10	19.91	21.00	20.07	20.09	19.71	21.00	21.34	21.37	21.00	22.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.92	17.97	19.00	18.11	17.71	17.96	19.00	19.12	19.30	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	19.00	18.72	18.76	20.00	18.92	18.92	18.89	20.00	20.13	20.39	20.01	21.00
3GPP Rel 6	HSUPA Subtest-4	18.00	17.86	17.64	19.00	17.74	18.09	17.98	19.00	19.26	19.38	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	19.89	19.70	20.02	21.00	20.11	19.71	19.63	21.00	21.32	21.28	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.44	17.47	17.57	18.50	17.46	17.17	17.03	18.50	18.64	18.86	18.75	19.50

Band 2 Ant0

BW [MHz]	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	21.18	21.24	21.21	22.5	0
20	QPSK	1	49	21.15	21.14	21.17		
20	QPSK	1	99	21.23	21.04	21.11		
20	QPSK	50	0	20.34	20.39	20.17	21.5	1
20	QPSK	50	24	20.16	20.25	20.16		
20	QPSK	50	50	20.20	20.19	20.29		
20	QPSK	100	0	20.35	20.37	20.28		
20	16QAM	1	0	20.19	20.26	20.38	21.5	1
20	16QAM	1	49	20.11	20.39	20.12		
20	16QAM	1	99	20.17	20.20	20.13		
20	16QAM	50	0	19.23	19.36	19.45	20.5	2
20	16QAM	50	24	19.48	19.39	19.39		
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.42	19.33	20.5	2
20	64QAM	1	49	19.29	19.44	19.38		
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33	19.5	3
20	64QAM	50	24	18.47	18.35	18.51		
20	64QAM	50	50	18.26	18.35	18.35		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26	17.5	5
20	256QAM	1	49	16.37	16.39	16.25		
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24	17.5	5
20	256QAM	50	24	16.21	16.26	16.19		
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.10	21.11	21.15	22.5	0
15	QPSK	1	37	21.06	21.05	21.08		
15	QPSK	1	74	21.10	20.93	20.99		
15	QPSK	36	0	20.29	20.27	20.10	21.5	1
15	QPSK	36	20	20.11	20.17	20.04		
15	QPSK	36	39	20.09	20.10	20.25		
15	QPSK	75	0	20.22	20.26	20.22		
15	16QAM	1	0	20.16	20.23	20.29	21.5	1
15	16QAM	1	37	20.00	20.31	20.03		
15	16QAM	1	74	20.11	20.14	20.07		
15	16QAM	36	0	19.12	19.31	19.35	20.5	2
15	16QAM	36	20	19.37	19.33	19.27		
15	16QAM	36	39	19.29	19.32	19.23		
15	16QAM	75	0	19.37	19.33	19.32		
15	64QAM	1	0	19.42	19.27	19.27	20.5	2
15	64QAM	1	37	19.17	19.38	19.27		
15	64QAM	1	74	19.36	19.32	19.25		
15	64QAM	36	0	18.37	18.29	18.24	19.5	3
15	64QAM	36	20	18.39	18.32	18.45		
15	64QAM	36	39	18.20	18.31	18.32		
15	64QAM	75	0	18.27	18.25	18.09		
15	256QAM	1	0	16.13	16.26	16.15	17.5	5
15	256QAM	1	37	16.27	16.34	16.17		
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16	17.5	5
15	256QAM	36	20	16.15	16.20	16.11		
15	256QAM	36	39	16.18	16.34	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.14	21.16	21.17	22.5	0
10	QPSK	1	25	21.04	21.08	21.05		
10	QPSK	1	49	21.11	20.94	21.05		
10	QPSK	25	0	20.27	20.29	20.05	21.5	1
10	QPSK	25	12	20.04	20.18	20.04		
10	QPSK	25	25	20.08	20.10	20.26		
10	QPSK	50	0	20.27	20.34	20.21		
10	16QAM	1	0	20.15	20.21	20.31	21.5	1
10	16QAM	1	25	19.99	20.34	20.04		
10	16QAM	1	49	20.08	20.06	20.05		
10	16QAM	25	0	19.17	19.28	19.38	20.5	2
10	16QAM	25	12	19.43	19.28	19.35		
10	16QAM	25	25	19.35	19.29	19.24		
10	16QAM	50	0	19.36	19.30	19.27		
10	64QAM	1	0	19.40	19.30	19.27	20.5	2
10	64QAM	1	25	19.19	19.35	19.33		
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.32	18.31	18.23	19.5	3
10	64QAM	25	12	18.42	18.24	18.40		
10	64QAM	25	25	18.14	18.24	18.30		
10	64QAM	50	0	18.22	18.28	18.06		
10	256QAM	1	0	16.13	16.24	16.15	17.5	5
10	256QAM	1	25	16.25	16.33	16.13		
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18	17.5	5
10	256QAM	25	12	16.15	16.18	16.08		
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.15	21.08	22.5	0
5	QPSK	1	12	21.08	21.01	21.09		
5	QPSK	1	24	21.10	20.94	21.07		
5	QPSK	12	0	20.29	20.34	20.04	21.5	1
5	QPSK	12	7	20.10	20.14	20.07		
5	QPSK	12	13	20.07	20.07	20.25		
5	QPSK	25	0	20.22	20.32	20.19		
5	16QAM	1	0	20.09	20.22	20.31	21.5	1
5	16QAM	1	12	20.01	20.29	20.07		
5	16QAM	1	24	20.12	20.15	20.01		
5	16QAM	12	0	19.15	19.32	19.42	20.5	2
5	16QAM	12	7	19.36	19.32	19.30		
5	16QAM	12	13	19.33	19.28	19.20		
5	16QAM	25	0	19.32	19.27	19.33		
5	64QAM	1	0	19.44	19.27	19.22	20.5	2
5	64QAM	1	12	19.24	19.37	19.33		
5	64QAM	1	24	19.37	19.26	19.28		
5	64QAM	12	0	18.38	18.27	18.21	19.5	3
5	64QAM	12	7	18.35	18.26	18.41		
5	64QAM	12	13	18.19	18.31	18.23		
5	64QAM	25	0	18.28	18.25	18.13		
5	256QAM	1	0	16.10	16.33	16.15	17.5	5
5	256QAM	1	12	16.27	16.34	16.14		
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.35	16.26	16.18	17.5	5
5	256QAM	12	7	16.13	16.15	16.11		
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.20	21.14	22.5	0
3	QPSK	1	8	21.10	21.10	21.05		
3	QPSK	1	14	21.07	20.95	21.04		
3	QPSK	8	0	20.28	20.31	20.06	21.5	1
3	QPSK	8	4	20.06	20.21	20.08		
3	QPSK	8	7	20.11	20.15	20.20		
3	QPSK	15	0	20.27	20.24	20.25		
3	16QAM	1	0	20.07	20.16	20.35	21.5	1
3	16QAM	1	8	20.01	20.33	20.03		
3	16QAM	1	14	20.04	20.14	20.03		
3	16QAM	8	0	19.11	19.28	19.34	20.5	2
3	16QAM	8	4	19.39	19.34	19.27		
3	16QAM	8	7	19.28	19.33	19.27		
3	16QAM	15	0	19.31	19.28	19.29		
3	64QAM	1	0	19.35	19.30	19.29	20.5	2
3	64QAM	1	8	19.24	19.38	19.32		
3	64QAM	1	14	19.30	19.28	19.19		
3	64QAM	8	0	18.33	18.26	18.30	19.5	3
3	64QAM	8	4	18.41	18.29	18.45		
3	64QAM	8	7	18.19	18.30	18.25		
3	64QAM	15	0	18.24	18.26	18.04		
3	256QAM	1	0	16.17	16.31	16.17	17.5	5
3	256QAM	1	8	16.27	16.31	16.14		
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20	17.5	5
3	256QAM	8	4	16.12	16.22	16.16		
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.30	16.16	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.10	21.20	21.13	22.5	0
1.4	QPSK	1	3	21.11	21.03	21.07		
1.4	QPSK	1	5	21.02	20.98	21.03		
1.4	QPSK	3	0	21.02	21.12	21.02		
1.4	QPSK	3	1	21.00	20.97	20.95		
1.4	QPSK	3	3	20.98	20.87	20.95		
1.4	QPSK	6	0	20.25	20.32	20.21	21.5	1
1.4	16QAM	1	0	20.10	20.22	20.27	21.5	1
1.4	16QAM	1	3	19.99	20.35	20.02		
1.4	16QAM	1	5	20.09	20.16	20.01		
1.4	16QAM	3	0	21.06	21.08	20.98		
1.4	16QAM	3	1	20.96	20.91	20.94		
1.4	16QAM	3	3	20.93	20.86	20.86		
1.4	16QAM	6	0	19.33	19.29	19.29	20.5	2
1.4	64QAM	1	0	19.43	19.31	19.27	20.5	2
1.4	64QAM	1	3	19.16	19.37	19.34		
1.4	64QAM	1	5	19.28	19.26	19.24		
1.4	64QAM	3	0	19.35	19.19	19.18		
1.4	64QAM	3	1	19.12	19.32	19.24		
1.4	64QAM	3	3	19.16	19.18	19.16		
1.4	64QAM	6	0	18.23	18.19	18.10	19.5	3
1.4	256QAM	1	0	16.11	16.24	16.20	17.5	5
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29		
1.4	256QAM	3	0	16.34	16.26	16.18		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.5	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	21.51	21.54	21.49	22.5	0
20	QPSK	1	49	21.50	21.46	21.41		
20	QPSK	1	99	21.52	21.44	21.38		
20	QPSK	50	0	20.56	20.64	20.54	21.5	1
20	QPSK	50	24	20.50	20.52	20.48		
20	QPSK	50	50	20.42	20.49	20.63		
20	QPSK	100	0	20.47	20.62	20.56		
20	16QAM	1	0	20.84	20.79	20.74	21.5	1
20	16QAM	1	49	20.74	20.67	20.93		
20	16QAM	1	99	20.65	20.77	20.79		
20	16QAM	50	0	19.62	19.56	19.64	20.5	2
20	16QAM	50	24	19.64	19.67	19.61		
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92	20.5	2
20	64QAM	1	49	19.87	19.89	19.88		
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70	19.5	3
20	64QAM	50	24	18.49	18.58	18.58		
20	64QAM	50	50	18.53	18.70	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.52	16.57	16.61	17.5	5
20	256QAM	1	49	16.61	16.71	16.44		
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63	17.5	5
20	256QAM	50	24	16.52	16.40	16.40		
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.15	21.08	22.5	0
15	QPSK	1	37	21.06	21.03	21.09		
15	QPSK	1	74	21.08	20.98	20.99		
15	QPSK	36	0	20.27	20.34	20.08	21.5	1
15	QPSK	36	20	20.04	20.13	20.08		
15	QPSK	36	39	20.13	20.07	20.26		
15	QPSK	75	0	20.28	20.24	20.23		
15	16QAM	1	0	20.10	20.21	20.32	21.5	1
15	16QAM	1	37	20.00	20.33	20.08		
15	16QAM	1	74	20.10	20.12	20.01		
15	16QAM	36	0	19.12	19.31	19.35	20.5	2
15	16QAM	36	20	19.39	19.36	19.35		
15	16QAM	36	39	19.37	19.24	19.25		
15	16QAM	75	0	19.32	19.30	19.30		
15	64QAM	1	0	19.44	19.30	19.21	20.5	2
15	64QAM	1	37	19.25	19.37	19.26		
15	64QAM	1	74	19.32	19.31	19.26		
15	64QAM	36	0	18.34	18.33	18.28	19.5	3
15	64QAM	36	20	18.36	18.37	18.43		
15	64QAM	36	39	18.16	18.32	18.29		
15	64QAM	75	0	18.23	18.18	18.13		
15	256QAM	1	0	16.14	16.26	16.15	17.5	5
15	256QAM	1	37	16.31	16.34	16.17		
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20	17.5	5
15	256QAM	36	20	16.12	16.18	16.09		
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.10	21.11	21.11	22.5	0
10	QPSK	1	25	21.12	21.03	21.12		
10	QPSK	1	49	21.10	20.93	21.03		
10	QPSK	25	0	20.28	20.28	20.13	21.5	1
10	QPSK	25	12	20.05	20.18	20.11		
10	QPSK	25	25	20.16	20.12	20.23		
10	QPSK	50	0	20.23	20.29	20.22		
10	16QAM	1	0	20.15	20.13	20.29	21.5	1
10	16QAM	1	25	20.01	20.29	20.05		
10	16QAM	1	49	20.14	20.13	20.01		
10	16QAM	25	0	19.19	19.31	19.38	20.5	2
10	16QAM	25	12	19.42	19.31	19.28		
10	16QAM	25	25	19.30	19.25	19.21		
10	16QAM	50	0	19.32	19.26	19.27		
10	64QAM	1	0	19.37	19.34	19.21	20.5	2
10	64QAM	1	25	19.25	19.33	19.26		
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.33	18.34	18.30	19.5	3
10	64QAM	25	12	18.36	18.26	18.41		
10	64QAM	25	25	18.19	18.25	18.31		
10	64QAM	50	0	18.27	18.23	18.10		
10	256QAM	1	0	16.18	16.27	16.23	17.5	5
10	256QAM	1	25	16.29	16.30	16.22		
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13	17.5	5
10	256QAM	25	12	16.18	16.14	16.07		
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.20	21.16	22.5	0
5	QPSK	1	12	21.06	21.06	21.10		
5	QPSK	1	24	21.07	20.92	21.02		
5	QPSK	12	0	20.25	20.29	20.07	21.5	1
5	QPSK	12	7	20.07	20.21	20.03		
5	QPSK	12	13	20.08	20.09	20.20		
5	QPSK	25	0	20.24	20.33	20.22		
5	16QAM	1	0	20.14	20.16	20.28	21.5	1
5	16QAM	1	12	20.03	20.28	20.05		
5	16QAM	1	24	20.06	20.14	20.08		
5	16QAM	12	0	19.10	19.32	19.39	20.5	2
5	16QAM	12	7	19.39	19.29	19.27		
5	16QAM	12	13	19.30	19.24	19.23		
5	16QAM	25	0	19.37	19.22	19.32		
5	64QAM	1	0	19.38	19.30	19.28	20.5	2
5	64QAM	1	12	19.20	19.39	19.27		
5	64QAM	1	24	19.35	19.30	19.25		
5	64QAM	12	0	18.31	18.33	18.25	19.5	3
5	64QAM	12	7	18.38	18.22	18.47		
5	64QAM	12	13	18.13	18.23	18.30		
5	64QAM	25	0	18.25	18.27	18.13		
5	256QAM	1	0	16.11	16.32	16.18	17.5	5
5	256QAM	1	12	16.33	16.27	16.21		
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.38	16.13	17.5	5
5	256QAM	12	7	16.10	16.22	16.09		
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.14	21.11	21.11	22.5	0
3	QPSK	1	8	21.04	21.06	21.04		
3	QPSK	1	14	21.04	20.93	21.00		
3	QPSK	8	0	20.28	20.34	20.05	21.5	1
3	QPSK	8	4	20.08	20.13	20.09		
3	QPSK	8	7	20.13	20.15	20.20		
3	QPSK	15	0	20.25	20.33	20.24		
3	16QAM	1	0	20.08	20.20	20.26	21.5	1
3	16QAM	1	8	20.01	20.30	20.07		
3	16QAM	1	14	20.07	20.09	20.02		
3	16QAM	8	0	19.14	19.32	19.39	20.5	2
3	16QAM	8	4	19.37	19.34	19.31		
3	16QAM	8	7	19.29	19.28	19.22		
3	16QAM	15	0	19.37	19.24	19.24		
3	64QAM	1	0	19.44	19.35	19.28	20.5	2
3	64QAM	1	8	19.18	19.40	19.33		
3	64QAM	1	14	19.29	19.33	19.24		
3	64QAM	8	0	18.32	18.34	18.22	19.5	3
3	64QAM	8	4	18.44	18.32	18.42		
3	64QAM	8	7	18.22	18.30	18.22		
3	64QAM	15	0	18.29	18.20	18.13		
3	256QAM	1	0	16.12	16.30	16.18	17.5	5
3	256QAM	1	8	16.33	16.34	16.21		
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.20	16.20	17.5	5
3	256QAM	8	4	16.09	16.16	16.12		
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.17	21.09	22.5	0
1.4	QPSK	1	3	21.05	21.03	21.06		
1.4	QPSK	1	5	21.04	20.94	20.99		
1.4	QPSK	3	0	21.04	21.04	21.02		
1.4	QPSK	3	1	20.93	20.92	20.94		
1.4	QPSK	3	3	20.91	20.84	20.86		
1.4	QPSK	6	0	20.28	20.31	20.25	21.5	1
1.4	16QAM	1	0	20.06	20.18	20.34	21.5	1
1.4	16QAM	1	3	20.06	20.35	20.04		
1.4	16QAM	1	5	20.07	20.15	20.02		
1.4	16QAM	3	0	21.06	21.09	21.02		
1.4	16QAM	3	1	21.01	20.91	20.94		
1.4	16QAM	3	3	20.92	20.89	20.91		
1.4	16QAM	6	0	19.32	19.30	19.30	20.5	2
1.4	64QAM	1	0	19.37	19.29	19.25	20.5	2
1.4	64QAM	1	3	19.26	19.32	19.33		
1.4	64QAM	1	5	19.36	19.34	19.21		
1.4	64QAM	3	0	19.32	19.23	19.15		
1.4	64QAM	3	1	19.09	19.31	19.26		
1.4	64QAM	3	3	19.21	19.17	19.14		
1.4	64QAM	6	0	18.29	18.25	18.08	19.5	3
1.4	256QAM	1	0	16.13	16.25	16.20	17.5	5
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35		
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.5	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	22.21	22.32	22.20	24	0
10	QPSK	1	25	22.12	22.12	22.25		
10	QPSK	1	49	22.04	22.19	22.15		
10	QPSK	25	0	21.20	21.26	21.24	23	1
10	QPSK	25	12	21.15	21.21	21.22		
10	QPSK	25	25	21.08	21.08	21.17		
10	QPSK	50	0	21.18	21.23	21.02		
10	16QAM	1	0	21.46	21.50	21.41	23	1
10	16QAM	1	25	21.54	21.56	21.35

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.59	22.50	24	0
10	QPSK	1	25	22.32	22.44	22.38		
10	QPSK	1	49	22.27	22.41	22.44		
10	QPSK	25	0	21.46	21.55	21.53	23	1
10	QPSK	25	12	21.49	21.37	21.52		
10	QPSK	25	25	21.29	21.45	21.51		
10	QPSK	50	0	21.33	21.52	21.21		
10	16QAM	1	0	21.94	21.81	21.73	23	1
10	16QAM	1	25	21.73	21.74	21.70		
10	16QAM	1	49	21.74	21.91	21.79		
10	16QAM	25	0	20.46	20.41	20.26	22	2
10	16QAM	25	12	20.37	20.52	20.56		
10	16QAM	25	25	20.31	20.43	20.36		
10	16QAM	50	0	20.53	20.45	20.49		
10	64QAM	1	0	20.77	20.79	20.84	22	2
10	64QAM	1	25	20.82	20.68	20.66		
10	64QAM	1	49	20.90	20.84	20.76		
10	64QAM	25	0	19.41	19.46	19.32	21	3
10	64QAM	25	12	19.31	19.46	19.36		
10	64QAM	25	25	19.58	19.39	19.51		
10	64QAM	50	0	19.31	19.40	19.40		
10	256QAM	1	0	17.67	17.82	17.78	19	5
10	256QAM	1	25	17.70	17.73	17.90		
10	256QAM	1	49	17.78	17.77	17.78		
10	256QAM	25	0	17.56	17.51	17.39	19	5
10	256QAM	25	12	17.63	17.45	17.56		
10	256QAM	25	25	17.46	17.47	17.52		
10	256QAM	50	0	17.26	17.29	17.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.43	24	0
5	QPSK	1	12	22.28	22.36	22.33		
5	QPSK	1	24	22.14	22.26	22.35		
5	QPSK	12	0	21.42	21.46	21.48	23	1
5	QPSK	12	7	21.37	21.26	21.42		
5	QPSK	12	13	21.23	21.35	21.39		
5	QPSK	25	0	21.28	21.42	21.12		
5	16QAM	1	0	21.83	21.69	21.62	23	1
5	16QAM	1	12	21.62	21.70	21.59		
5	16QAM	1	24	21.65	21.84	21.70		
5	16QAM	12	0	20.33	20.34	20.21	22	2
5	16QAM	12	7	20.29	20.41	20.46		
5	16QAM	12	13	20.25	20.32	20.33		
5	16QAM	25	0	20.42	20.37	20.41		
5	64QAM	1	0	20.64	20.71	20.72	22	2
5	64QAM	1	12	20.73	20.56	20.59		
5	64QAM	1	24	20.78	20.74	20.64		
5	64QAM	12	0	19.38	19.33	19.22	21	3
5	64QAM	12	7	19.19	19.37	19.31		
5	64QAM	12	13	19.54	19.28	19.42		
5	64QAM	25	0	19.26	19.33	19.31		
5	256QAM	1	0	17.63	17.69	17.72	19	5
5	256QAM	1	12	17.66	17.68	17.77		
5	256QAM	1	24	17.67	17.72	17.68		
5	256QAM	12	0	17.50	17.40	17.28	19	5
5	256QAM	12	7	17.54	17.41	17.49		
5	256QAM	12	13	17.37	17.46	17.49		
5	256QAM	25	0	17.18	17.22	17.27		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.41	22.50	22.36	24	0
3	QPSK	1	8	22.20	22.36	22.34		
3	QPSK	1	14	22.14	22.32	22.31		
3	QPSK	8	0	21.35	21.48	21.49	23	1
3	QPSK	8	4	21.41	21.26	21.44		
3	QPSK	8	7	21.16	21.38	21.46		
3	QPSK	15	0	21.23	21.41	21.14		
3	16QAM	1	0	21.91	21.75	21.63	23	1
3	16QAM	1	8	21.63	21.67	21.62		
3	16QAM	1	14	21.62	21.86	21.75		
3	16QAM	8	0	20.36	20.30	20.22	22	2
3	16QAM	8	4	20.34	20.45	20.52		
3	16QAM	8	7	20.22	20.36	20.27		
3	16QAM	15	0	20.45	20.40	20.40		
3	64QAM	1	0	20.73	20.70	20.80	22	2
3	64QAM	1	8	20.74	20.65	20.56		
3	64QAM	1	14	20.84	20.72	20.71		
3	64QAM	8	0	19.28	19.35	19.27	21	3
3	64QAM	8	4	19.18	19.38	19.25		
3	64QAM	8	7	19.45	19.27	19.46		
3	64QAM	15	0	19.20	19.31	19.28		
3	256QAM	1	0	17.58	17.74	17.73	19	5
3	256QAM	1	8	17.59	17.62	17.77		
3	256QAM	1	14	17.71	17.70	17.70		
3	256QAM	8	0	17.51	17.46	17.35	19	5
3	256QAM	8	4	17.54	17.38	17.45		
3	256QAM	8	7	17.39	17.34	17.46		
3	256QAM	15	0	17.22	17.18	17.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.48	22.42	24	0
1.4	QPSK	1	3	22.21	22.35	22.34		
1.4	QPSK	1	5	22.20	22.27	22.35		
1.4	QPSK	3	0	22.36	22.48	22.39		
1.4	QPSK	3	1	22.27	22.40	22.26		
1.4	QPSK	3	3	22.21	22.26	22.35		
1.4	QPSK	6	0	21.28	21.42	21.14	23	1
1.4	16QAM	1	0	21.88	21.74	21.62	23	1
1.4	16QAM	1	3	21.70	21.66	21.64		
1.4	16QAM	1	5	21.66	21.86	21.73		
1.4	16QAM	3	0	21.35	21.44	21.46		
1.4	16QAM	3	1	21.41	21.24	21.42		
1.4	16QAM	3	3	21.18	21.37	21.39		
1.4	16QAM	6	0	20.47	20.34	20.42	22	2
1.4	64QAM	1	0	20.72	20.70	20.74	22	2
1.4	64QAM	1	3	20.70	20.59	20.63		
1.4	64QAM	1	5	20.86	20.73	20.67		
1.4	64QAM	3	0	20.35	20.34	20.19		
1.4	64QAM	3	1	20.24	20.42	20.47		
1.4	64QAM	3	3	20.24	20.33	20.24		
1.4	64QAM	6	0	19.25	19.37	19.35	21	3
1.4	256QAM	1	0	17.62	17.72	17.74	19	5
1.4	256QAM	1	3	17.58	17.66	17.77		
1.4	256QAM	1	5	17.67	17.68	17.67		
1.4	256QAM	3	0	17.45	17.44	17.31		
1.4	256QAM	3	1	17.56	17.37	17.45		
1.4	256QAM	3	3	17.42	17.39	17.39		
1.4	256QAM	6	0	17.17	17.18	17.35	19	5

Band 13 Ant0

BW [MHz]	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		22.85		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.67			
10	QPSK	25	0		21.83		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.75			
10	16QAM	1	0		22.16		23	1
10	16QAM	1	25		22.16			
10	16QAM	1	49		22.06			
10	16QAM	25	0		20.86		22	2
10	16QAM	25	12		21.00			
10	16QAM	25	25		20.92			
10	16QAM	50	0		20.81			
10	64QAM	1	0		21.11		22	2
10	64QAM	1	25		21.10			
10	64QAM	1	49		20.98			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.09			
10	256QAM	25	0		17.81		19	5
10	256QAM	25	12		17.91			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.79	22.79	24	0
5	QPSK	1	12	22.72	22.68	22.73		
5	QPSK	1	24	22.62	22.62	22.61		
5	QPSK	12	0	21.71	21.71	21.70	23	1
5	QPSK	12	7	21.63	21.62	21.61		
5	QPSK	12	13	21.64	21.62	21.60		
5	QPSK	25	0	21.65	21.71	21.70		
5	16QAM	1	0	22.10	22.05	22.06	23	1
5	16QAM	1	12	22.06	22.03	22.04		
5	16QAM	1	24	21.94	22.03	22.01		
5	16QAM	12	0	20.79	20.82	20.82	22	2
5	16QAM	12	7	20.94	20.93	20.96		
5	16QAM	12	13	20.86	20.87	20.79		
5	16QAM	25	0	20.76	20.77	20.69		
5	64QAM	1	0	21.07	21.06	21.03	22	2
5	64QAM	1	12	21.02	21.00	21.05		
5	64QAM	1	24	20.94	20.86	20.94		
5	64QAM	12	0	19.83	19.83	19.87	21	3
5	64QAM	12	7	19.86	19.87	19.80		
5	64QAM	12	13	19.76	19.72	19.75		
5	64QAM	25	0	19.80	19.80	19.80		
5	256QAM	1	0	17.88	17.87	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.87		
5	256QAM	1	24	17.99	18.02	18.05		
5	256QAM	12	0	17.69	17.69	17.68	19	5
5	256QAM	12	7	17.85	17.86	17.80		
5	256QAM	12	13	17.62	17.54	17.59		
5	256QAM	25	0	17.72	17.63	17.70		

Band 17 Ant0

BW [MHz]	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	22.41	22.52	22.45	24	0
10	QPSK	1	25	22.44	22.33	22.48		
10	QPSK	1	49	22.28	22.50	22.23		
10	QPSK	25	0	21.31	21.49	21.46	23	1
10	QPSK	25	12	21.40	21.48	21.42		
10	QPSK	25	25	21.31	21.47	21.42		
10	QPSK	50	0	21.26	21.45	21.42		
10	16QAM	1	0	21.89	21.76	21.87	23	1
10	16QAM	1	25	21.83	21.86	21.68		
10	16QAM	1	49	21.79	21.88	21.69		
10	16QAM	25	0	20.37	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.51	20.60		
10	16QAM	25	25	20.51	20.43	20.64		
10	16QAM	50	0	20.71	20.59	20.67		
10	64QAM	1	0	20.83	20.74	20.86	22	2
10	64QAM	1	25	20.74	20.76	20.60		
10	64QAM	1	49	20.68	20.62	20.61		
10	64QAM	25	0	19.57	19.48	19.39	21	3
10	64QAM	25	12	19.39	19.57	19.41		
10	64QAM	25	25	19.41	19.56	19.33		
10	64QAM	50	0	19.47	19.51	19.36		
10	256QAM	1	0	17.61	17.71	17.58	19	5
10	256QAM	1	25	17.57	17.68	17.64		
10	256QAM	1	49	17.80	17.56	17.63		
10	256QAM	25	0	17.58	17.62	17.59	19	5
10	256QAM	25	12	17.76	17.49	17.48		
10	256QAM	25	25	17.76	17.75	17.57		
10	256QAM	50	0	17.71	17.58	17.52		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.48	22.41	24	0
5	QPSK	1	12	22.31	22.26	22.43		
5	QPSK	1	24	22.20	22.43	22.17		
5	QPSK	12	0	21.20	21.42	21.38	23	1
5	QPSK	12	7	21.34	21.42	21.36		
5	QPSK	12	13	21.24	21.35	21.33		
5	QPSK	25	0	21.21	21.41	21.34		
5	16QAM	1	0	21.78	21.71	21.79	23	1
5	16QAM	1	12	21.73	21.74	21.59		
5	16QAM	1	24	21.71	21.75	21.64		
5	16QAM	12	0	20.32	20.46	20.35	22	2
5	16QAM	12	7	20.26	20.40	20.49		
5	16QAM	12	13	20.39	20.31	20.60		
5	16QAM	25	0	20.59	20.49	20.62		
5	64QAM	1	0	20.75	20.67	20.80	22	2
5	64QAM	1	12	20.66	20.65	20.49		
5	64QAM	1	24	20.61	20.57	20.56		
5	64QAM	12	0	19.47	19.37	19.30	21	3
5	64QAM	12	7	19.33	19.52	19.31		
5	64QAM	12	13	19.36	19.45	19.23		
5	64QAM	25	0	19.34	19.47	19.25		
5	256QAM	1	0	17.54	17.59	17.52	19	5
5	256QAM	1	12	17.50	17.60	17.60		
5	256QAM	1	24	17.72	17.43	17.54		
5	256QAM	12	0	17.48	17.59	17.53	19	5
5	256QAM	12	7	17.67	17.41	17.44		
5	256QAM	12	13	17.72	17.70	17.48		
5	256QAM	25	0	17.60	17.49	17.43		

Band 25 Ant0

BW [MHz]	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	21.32	21.39	21.36	22.5	0
20	QPSK	1	49	21.33	21.21	21.23		
20	QPSK	1	99	21.33	21.31	21.24		
20	QPSK	50	0	20.30	20.51	20.33	21.5	1
20	QPSK	50	24	20.31	20.47	20.43		
20	QPSK	50	50	20.48	20.32	20.47		
20	QPSK	100	0	20.46	20.47	20.41		
20	16QAM	1	0	20.63	20.75	20.76	21.5	1
20	16QAM	1	49	20.72	20.76	20.83		
20	16QAM	1	99	20.87	20.79	20.84		
20	16QAM	50	0	19.43	19.44	19.43	20.5	2
20	16QAM	50	24	19.39	19.35	19.47		
20	16QAM	50	50	19.50	19.54	19.45		
20	16QAM	100	0	19.51	19.48	19.44		
20	64QAM	1	0	19.61	19.57	19.53	20.5	2
20	64QAM	1	49	19.67	19.66	19.49		
20	64QAM	1	99	19.65	19.54	19.55		
20	64QAM	50	0	18.41	18.51	18.61	19.5	3
20	64QAM	50	24	18.41	18.52	18.52		
20	64QAM	50	50	18.42	18.54	18.61		
20	64QAM	100	0	18.54	18.52	18.51		
20	256QAM	1	0	16.46	16.54	16.46	17.5	5
20	256QAM	1	49	16.66	16.59	16.52		
20	256QAM	1	99	16.61	16.47	16.47		
20	256QAM	50	0	16.46	16.51	16.54	17.5	5
20	256QAM	50	24	16.54	16.58	16.49		
20	256QAM	50	50	16.62	16.62	16.56		
20	256QAM	100	0	16.49	16.47	16.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.24	21.26	21.30	22.5	0
15	QPSK	1	37	21.26	21.14	21.20		
15	QPSK	1	74	21.27	21.23	21.16		
15	QPSK	36	0	20.18	20.38	20.23	21.5	1
15	QPSK	36	20	20.28	20.38	20.30		
15	QPSK	36	39	20.44	20.24	20.44		
15	QPSK	75	0	20.38	20.40	20.36		
15	16QAM	1	0	20.55	20.65	20.65	21.5	1
15	16QAM	1	37	20.66	20.66	20.72		
15	16QAM	1	74	20.83	20.75	20.73		
15	16QAM	36	0	19.39	19.38	19.32	20.5	2
15	16QAM	36	20	19.33	19.28	19.43		
15	16QAM	36	39	19.45	19.51	19.32		
15	16QAM	75	0	19.43	19.37	19.40		
15	64QAM	1	0	19.55	19.51	19.42	20.5	2
15	64QAM	1	37	19.61	19.61	19.36		
15	64QAM	1	74	19.54	19.43	19.44		
15	64QAM	36	0	18.30	18.47	18.53	19.5	3
15	64QAM	36	20	18.39	18.42	18.41		
15	64QAM	36	39	18.31	18.46	18.54		
15	64QAM	75	0	18.47	18.48	18.39		
15	256QAM	1	0	16.43	16.41	16.36	17.5	5
15	256QAM	1	37	16.54	16.52	16.45		
15	256QAM	1	74	16.50	16.39	16.39		
15	256QAM	36	0	16.39	16.43	16.48	17.5	5
15	256QAM	36	20	16.47	16.54	16.45		
15	256QAM	36	39	16.58	16.52	16.36		
15	256QAM	75	0	16.39	16.37	16.30		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.20	21.26	21.32	22.5	0
10	QPSK	1	25	21.21	21.10	21.11		
10	QPSK	1	49	21.27	21.24	21.18		
10	QPSK	25	0	20.19	20.44	20.26	21.5	1
10	QPSK	25	12	20.24	20.34	20.39		
10	QPSK	25	25	20.38	20.27	20.40		
10	QPSK	50	0	20.40	20.42	20.32		
10	16QAM	1	0	20.57	20.66	20.68	21.5	1
10	16QAM	1	25	20.63	20.64	20.79		
10	16QAM	1	49	20.82	20.72	20.75		
10	16QAM	25	0	19.38	19.37	19.39	20.5	2
10	16QAM	25	12	19.27	19.27	19.42		
10	16QAM	25	25	19.43	19.48	19.32		
10	16QAM	50	0	19.40	19.43	19.38		
10	64QAM	1	0	19.55	19.53	19.45	20.5	2
10	64QAM	1	25	19.55	19.54	19.42		
10	64QAM	1	49	19.58	19.45	19.44		
10	64QAM	25	0	18.36	18.44	18.57	19.5	3
10	64QAM	25	12	18.37	18.43	18.45		
10	64QAM	25	25	18.35	18.48	18.58		
10	64QAM	50	0	18.42	18.45	18.46		
10	256QAM	1	0	16.37	16.46	16.37	17.5	5
10	256QAM	1	25	16.62	16.56	16.46		
10	256QAM	1	49	16.58	16.36	16.37		
10	256QAM	25	0	16.36	16.40	16.44	17.5	5
10	256QAM	25	12	16.41	16.48	16.45		
10	256QAM	25	25	16.55	16.57	16.44		
10	256QAM	50	0	16.45	16.42	16.29		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.28	21.35	21.28	22.5	0
5	QPSK	1	12	21.25	21.09	21.15		
5	QPSK	1	24	21.27	21.26	21.16		
5	QPSK	12	0	20.22	20.42	20.23	21.5	1
5	QPSK	12	7	20.25	20.34	20.38		
5	QPSK	12	13	20.43	20.24	20.42		
5	QPSK	25	0	20.37	20.43	20.36		
5	16QAM	1	0	20.57	20.69	20.71	21.5	1
5	16QAM	1	12	20.59	20.65	20.74		
5	16QAM	1	24	20.80	20.75	20.72		
5	16QAM	12	0	19.38	19.32	19.34	20.5	2
5	16QAM	12	7	19.28	19.25	19.39		
5	16QAM	12	13	19.46	19.43	19.33		
5	16QAM	25	0	19.40	19.42	19.34		
5	64QAM	1	0	19.57	19.51	19.40	20.5	2
5	64QAM	1	12	19.54	19.60	19.41		
5	64QAM	1	24	19.55	19.47	19.44		
5	64QAM	12	0	18.29	18.42	18.49	19.5	3
5	64QAM	12	7	18.34	18.40	18.41		
5	64QAM	12	13	18.34	18.47	18.55		
5	64QAM	25	0	18.48	18.49	18.41		
5	256QAM	1	0	16.41	16.41	16.41	17.5	5
5	256QAM	1	12	16.60	16.52	16.40		
5	256QAM	1	24	16.57	16.34	16.42		
5	256QAM	12	0	16.33	16.48	16.48	17.5	5
5	256QAM	12	7	16.50	16.52	16.46		
5	256QAM	12	13	16.54	16.58	16.43		
5	256QAM	25	0	16.40	16.39	16.29		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.24	21.33	21.32	22.5	0
3	QPSK	1	8	21.22	21.13	21.16		
3	QPSK	1	14	21.21	21.24	21.11		
3	QPSK	8	0	20.23	20.41	20.22	21.5	1
3	QPSK	8	4	20.20	20.44	20.40		
3	QPSK	8	7	20.36	20.24	20.36		
3	QPSK	15	0	20.41	20.43	20.37		
3	16QAM	1	0	20.53	20.69	20.66	21.5	1
3	16QAM	1	8	20.66	20.65	20.72		
3	16QAM	1	14	20.77	20.68	20.75		
3	16QAM	8	0	19.37	19.34	19.32	20.5	2
3	16QAM	8	4	19.34	19.28	19.42		
3	16QAM	8	7	19.47	19.51	19.38		
3	16QAM	15	0	19.43	19.43	19.39		
3	64QAM	1	0	19.52	19.51	19.43	20.5	2
3	64QAM	1	8	19.56	19.63	19.43		
3	64QAM	1	14	19.62	19.42	19.51		
3	64QAM	8	0	18.29	18.46	18.55	19.5	3
3	64QA

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BW [MHz]	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	22.47	22.51	22.45	24	0
15	QPSK	1	37	22.39	22.49	22.27		
15	QPSK	1	74	22.34	22.30	22.38		
15	QPSK	36	0	21.29	21.48	21.37	23	1
15	QPSK	36	20	21.27	21.27	21.44		
15	QPSK	36	39	21.43	21.32	21.38		
15	QPSK	75	0	21.36	21.45	21.26		
15	16QAM	1	0	21.69	21.78	21.69	23	1
15	16QAM	1	37	21.81	21.84	21.73		
15	16QAM	1	74	21.86	21.83	21.73		
15	16QAM	36	0	20.41	20.52	20.54	22	2
15	16QAM	36	20	20.54	20.44	20.65		
15	16QAM	36	39	20.56	20.49	20.55		
15	16QAM	75	0	20.34	20.47	20.39		
15	64QAM	1	0	20.83	20.77	20.75	22	2
15	64QAM	1	37	20.84	20.68	20.71		
15	64QAM	1	74	20.73	20.89	20.75		
15	64QAM	36	0	19.65	19.53	19.53	21	3
15	64QAM	36	20	19.48	19.44	19.53		
15	64QAM	36	39	19.61	19.64	19.40		
15	64QAM	75	0	19.41	19.50	19.56		
15	256QAM	1	0	17.69	17.78	17.77	19	5
15	256QAM	1	37	17.89	17.67	17.76		
15	256QAM	1	74	17.75	17.84	17.87		
15	256QAM	36	0	17.58	17.63	17.53	19	5
15	256QAM	36	20	17.60	17.65	17.54		
15	256QAM	36	39	17.70	17.66	17.73		
15	256QAM	75	0	17.56	17.60	17.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.44	22.40	22.39	24	0
10	QPSK	1	25	22.34	22.39	22.16		
10	QPSK	1	49	22.28	22.24	22.26		
10	QPSK	25	0	21.24	21.44	21.33	23	1
10	QPSK	25	12	21.23	21.22	21.37		
10	QPSK	25	25	21.37	21.20	21.31		
10	QPSK	50	0	21.28	21.35	21.15		
10	16QAM	1	0	21.62	21.67	21.65	23	1
10	16QAM	1	25	21.74	21.73	21.61		
10	16QAM	1	49	21.74	21.77	21.67		
10	16QAM	25	0	20.37	20.47	20.49	22	2
10	16QAM	25	12	20.44	20.40	20.53		
10	16QAM	25	25	20.51	20.38	20.50		
10	16QAM	50	0	20.28	20.41	20.33		
10	64QAM	1	0	20.76	20.72	20.64	22	2
10	64QAM	1	25	20.75	20.63	20.58		
10	64QAM	1	49	20.67	20.85	20.66		
10	64QAM	25	0	19.59	19.45	19.42	21	3
10	64QAM	25	12	19.38	19.36	19.49		
10	64QAM	25	25	19.55	19.60	19.28		
10	64QAM	50	0	19.34	19.43	19.45		
10	256QAM	1	0	17.57	17.68	17.66	19	5
10	256QAM	1	25	17.80	17.57	17.73		
10	256QAM	1	49	17.68	17.75	17.84		
10	256QAM	25	0	17.50	17.51	17.50	19	5
10	256QAM	25	12	17.55	17.60	17.49		
10	256QAM	25	25	17.64	17.56	17.60		
10	256QAM	50	0	17.49	17.55	17.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.45	22.38	24	0
5	QPSK	1	12	22.33	22.46	22.16		
5	QPSK	1	24	22.27	22.23	22.26		
5	QPSK	12	0	21.22	21.41	21.31	23	1
5	QPSK	12	7	21.18	21.16	21.37		
5	QPSK	12	13	21.37	21.22	21.26		
5	QPSK	25	0	21.29	21.38	21.22		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.74	21.68		
5	16QAM	1	24	21.79	21.79	21.64		
5	16QAM	12	0	20.31	20.43	20.50	22	2
5	16QAM	12	7	20.41	20.34	20.58		
5	16QAM	12	13	20.46	20.37	20.44		
5	16QAM	25	0	20.23	20.41	20.26		
5	64QAM	1	0	20.79	20.71	20.69	22	2
5	64QAM	1	12	20.73	20.63	20.60		
5	64QAM	1	24	20.68	20.81	20.65		
5	64QAM	12	0	19.56	19.49	19.43	21	3
5	64QAM	12	7	19.42	19.41	19.45		
5	64QAM	12	13	19.48	19.51	19.36		
5	64QAM	25	0	19.30	19.38	19.44		
5	256QAM	1	0	17.64	17.66	17.64	19	5
5	256QAM	1	12	17.84	17.60	17.69		
5	256QAM	1	24	17.67	17.74	17.74		
5	256QAM	12	0	17.53	17.54	17.42	19	5
5	256QAM	12	7	17.51	17.62	17.46		
5	256QAM	12	13	17.61	17.60	17.66		
5	256QAM	25	0	17.45	17.51	17.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.43	22.47	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.19		
3	QPSK	1	14	22.29	22.25	22.27		
3	QPSK	8	0	21.20	21.44	21.28	23	1
3	QPSK	8	4	21.16	21.17	21.39		
3	QPSK	8	7	21.38	21.27	21.26		
3	QPSK	15	0	21.26	21.41	21.21		
3	16QAM	1	0	21.61	21.66	21.59	23	1
3	16QAM	1	8	21.75	21.73	21.64		
3	16QAM	1	14	21.82	21.80	21.65		
3	16QAM	8	0	20.34	20.44	20.50	22	2
3	16QAM	8	4	20.42	20.39	20.53		
3	16QAM	8	7	20.46	20.42	20.48		
3	16QAM	15	0	20.27	20.37	20.26		
3	64QAM	1	0	20.78	20.67	20.68	22	2
3	64QAM	1	8	20.79	20.55	20.61		
3	64QAM	1	14	20.62	20.77	20.65		
3	64QAM	8	0	19.55	19.43	19.41	21	3
3	64QAM	8	4	19.36	19.32	19.47		
3	64QAM	8	7	19.57	19.58	19.36		
3	64QAM	15	0	19.29	19.41	19.43		
3	256QAM	1	0	17.65	17.75	17.70	19	5
3	256QAM	1	8	17.85	17.55	17.72		
3	256QAM	1	14	17.63	17.78	17.76		
3	256QAM	8	0	17.49	17.53	17.44	19	5
3	256QAM	8	4	17.51	17.62	17.44		
3	256QAM	8	7	17.59	17.55	17.65		
3	256QAM	15	0	17.51	17.48	17.43		
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	22.39	22.37	24	0
1.4	QPSK	1	3	22.27	22.41	22.19		
1.4	QPSK	1	5	22.22	22.23	22.30		
1.4	QPSK	3	0	22.39	22.44	22.39		
1.4	QPSK	3	1	22.33	22.39	22.16		
1.4	QPSK	3	3	22.22	22.25	22.29		
1.4	QPSK	6	0	21.31	21.40	21.19	23	1
1.4	16QAM	1	0	21.63	21.66	21.62	23	1
1.4	16QAM	1	3	21.70	21.79	21.60		
1.4	16QAM	1	5	21.83	21.75	21.68		
1.4	16QAM	3	0	21.18	21.44	21.32		
1.4	16QAM	3	1	21.14	21.23	21.34		
1.4	16QAM	3	3	21.40	21.28	21.31		
1.4	16QAM	6	0	20.28	20.37	20.28	22	2
1.4	64QAM	1	0	20.77	20.69	20.66	22	2
1.4	64QAM	1	3	20.74	20.63	20.62		
1.4	64QAM	1	5	20.65	20.82	20.65		
1.4	64QAM	3	0	20.37	20.46	20.50		
1.4	64QAM	3	1	20.49	20.32	20.61		
1.4	64QAM	3	3	20.46	20.44	20.50		
1.4	64QAM	6	0	19.37	19.47	19.46	21	3
1.4	256QAM	1	0	17.65	17.68	17.66	19	5
1.4	256QAM	1	3	17.77	17.57	17.66		
1.4	256QAM	1	5	17.69	17.79	17.77		
1.4	256QAM	3	0	17.54	17.60	17.43		
1.4	256QAM	3	1	17.57	17.60	17.44		
1.4	256QAM	3	3	17.65	17.59	17.68		
1.4	256QAM	6	0	17.49	17.56	17.41	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.25	21.32	21.27	22.5	0
20	QPSK	1	49	21.20	21.23	21.24		
20	QPSK	1	99	21.23	21.17	21.09		
20	QPSK	50	0	20.16	20.29	20.14	21.5	1
20	QPSK	50	24	20.21	20.22	20.07		
20	QPSK	50	50	20.25	20.08	20.26		
20	QPSK	100	0	20.11	20.27	20.23		
20	16QAM	1	0	20.52	20.58	20.47	21.5	1
20	16QAM	1	49	20.63	20.61	20.63		
20	16QAM	1	99	20.47	20.51	20.53		
20	16QAM	50	0	19.22	19.26	19.14	20.5	2
20	16QAM	50	24	19.18	19.34	19.36		
20	16QAM	50	50	19.29	19.26	19.36		
20	16QAM	100	0	19.40	19.29	19.41		
20	64QAM	1	0	19.50	19.46	19.37	20.5	2
20	64QAM	1	49	19.47	19.50	19.59		
20	64QAM	1	99	19.57	19.37	19.47		
20	64QAM	50	0	18.27	18.24	18.20	19.5	3
20	64QAM	50	24	18.22	18.12	18.15		
20	64QAM	50	50	18.12	18.22	18.22		
20	64QAM	100	0	18.33	18.26	18.25		
20	256QAM	1	0	16.22	16.32	16.28	17.5	5
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.5	5
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.15	21.26	21.22	22.5	0
15	QPSK	1	37	21.08	21.19	21.18		
15	QPSK	1	74	21.16	21.05	21.04		
15	QPSK	36	0	20.10	20.20	20.04	21.5	1
15	QPSK	36	20	20.12	20.15	19.94		
15	QPSK	36	39	20.19	20.02	20.18		
15	QPSK	75	0	20.03	20.23	20.11		
15	16QAM	1	0	20.45	20.50	20.42	21.5	1
15	16QAM	1	37	20.54	20.56	20.60		
15	16QAM	1	74	20.35	20.42	20.41		
15	16QAM	36	0	19.17	19.14	19.05	20.5	2
15	16QAM	36	20	19.05	19.26	19.29		
15	16QAM	36	39	19.22	19.19	19.30		
15	16QAM	75	0	19.29	19.18	19.31		
15	64QAM	1	0	19.38	19.34	19.28	20.5	2
15	64QAM	1	37	19.43	19.46	19.51		
15	64QAM	1	74	19.45	19.24	19.38		
15	64QAM	36	0	18.23	18.11	18.11	19.5	3
15	64QAM	36	20	18.14	18.07	18.04		
15	64QAM	36	39	18.03	18.10	18.13		
15	64QAM	75	0	18.29	18.21	18.17		
15	256QAM	1	0	16.15	16.26	16.16	17.5	5
15	256QAM	1	37	16.21	16.17	16.16		
15	256QAM	1	74	16.26	16.17	16.26		
15	256QAM	36	0	16.19	16.18	16.23	17.5	5
15	256QAM	36	20	16.27	16.27	16.22		
15	256QAM	36	39	16.19	16.23	16.26		
15	256QAM	75	0	16.15	16.14	16.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.13	21.29	21.23	22.5	0
10	QPSK	1	25	21.13	21.18	21.16		
10	QPSK	1	49	21.17	21.06	20.97		
10	QPSK	25	0	20.12	20.19	20.01	21.5	1
10	QPSK	25	12	20.17	20.12	20.01		
10	QPSK	25	25	20.22	19.98	20.17		
10	QPSK	50	0	20.05	20.21	20.19		
10	16QAM	1	0	20.40	20.48	20.42	21.5	1
10	16QAM	1	25	20.52	20.50	20.59		
10	16QAM	1	49	20.36	20.41	20.44		
10	16QAM	25	0	19.17	19.18	19.10	20.5	2
10	16QAM	25	12	19.05	19.29	19.24		
10	16QAM	25	25	19.22	19.21	19.30		
10	16QAM	50	0	19.29	19.26	19.37		
10	64QAM	1	0	19.39	19.38	19.29	20.5	2
10	64QAM	1	25	19.34	19.42	19.50		
10	64QAM	1	49	19.47	19.28	19.39		
10	64QAM	25	0	18.22	18.16	18.10	19.5	3
10	64QAM	25	12	18.16	18.06	18.07		
10	64QAM	25	25	18.06	18.17	18.12		
10	64QAM	50	0	18.24	18.14	18.20		
10	256QAM	1	0	16.11	16.27	16.15	17.5	5
10	256QAM	1	25	16.13	16.16	16.14		
10	256QAM	1	49	16.30	16.18	16.23		
10	256QAM	25	0	16.12	16.22	16.27	17.5	5
10	256QAM	25	12	16.29	16.31	16.24		
10	256QAM	25	25	16.24	16.29	16.28		
10	256QAM	50	0	16.13	16.13	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.21	21.20	21.14	22.5	0
5	QPSK	1	12	21.11	21.19	21.12		
5	QPSK	1	24	21.20	21.13	21.06		
5	QPSK	12	0	20.13	20.25	20.01	21.5	1
5	QPSK	12	7	20.11	20.14	20.04		
5	QPSK	12	13	20.16	20.05	20.13		
5	QPSK	25	0	20.04	20.17	20.20		
5	16QAM	1	0	20.45	20.49	20.39	21.5	1
5	16QAM	1	12	20.58	20.53	20.52		
5	16QAM	1	24	20.41	20.43	20.49		
5	16QAM	12	0	19.16	19.23	19.10	20.5	2
5	16QAM	12	7	19.09	19.26	19.29		
5	16QAM	12	13	19.17	19.15	19.27		
5	16QAM	25	0	19.29	19.19	19.33		
5	64QAM	1	0	19.46	19.36	19.34	20.5	2
5	64QAM	1	12	19.34	19.40	19.47		
5	64QAM	1	24	19.51	19.31	19.44		
5	64QAM	12	0	18.16	18.13	18.11	19.5	3
5	64QAM	12	7	18.17	18.09	18.06		
5	64QAM	12	13	18.00	18.15	18.15		
5	64QAM	25	0	18.29	18.13	18.21		
5	256QAM	1	0	16.12	16.28	16.22	17.5	5
5	256QAM	1	12	16.13	16.20	16.18		
5	256QAM	1	24	16.30	16.17	16.20		
5	256QAM	12	0	16.14	16.15	16.22	17.5	5
5	256QAM	12	7	16.26	16.28	16.16		
5	256QAM	12	13	16.26	16.28	16.26		
5	256QAM	25	0	16.12	16.13	16.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.16	21.26	21.17	22.5	0
3	QPSK	1	8	21.11	21.11	21.15		
3	QPSK	1	14	21.13	21.08	20.99		
3	QPSK	8	0	20.12	20.17	20.09	21.5	1
3	QPSK	8	4	20.17	20.19	19.96		
3	QPSK	8	7	20.21	20.02	20.15		
3	QPSK	15	0	20.04	20.16	20.13		
3	16QAM	1	0	20.42	20.47	20.38	21.5	1
3	16QAM	1	8	20.58	20.55	20.58		
3	16QAM	1	14	20.35	20.39	20.49		
3	16QAM	8	0	19.15	19.21	19.09	20.5	2
3	16QAM	8	4	19.10	19.28	19.27		
3	16QAM	8	7	19.18	19.16	19.28		
3	16QAM	15	0	19.36	19.21	19.29		
3	64QAM	1	0	19.45	19.40	19.33	20.5	2
3	64QAM	1	8	19.38	19.44	19.55		
3	64QAM	1	14	19.51	19.30	19.38		
3	64QAM	8	0	18.23	18.19	18.08	19.5	3
3	64QAM	8	4	18.09	18.07	18.04		
3	64QAM	8	7	18.00	18.12	18.15		
3	64QAM	15	0	18.27	18.17	18.15		
3	256QAM	1	0	16.12	16.25	16.23	17.5	5
3	256QAM	1	8	16.14	16.12	16.11		
3	256QAM	1	14	16.27	16.17	16.23		
3	256QAM	8	0	16.17	16.19	16.25	17.5	5
3	256QAM	8	4	16.27	16.34	16.16		
3	256QAM	8	7	16.17	16.22	16.24		
3	256QAM	15	0	16.14	16.19	16.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.20	21.22	21.19	22.5	0
1.4	QPSK	1	3	21.12	21.18	21.16		
1.4	QPSK	1	5	21.19	21.06	21.02		
1.4	QPSK	3	0	21.15	21.27	21.20		
1.4	QPSK	3	1	21.08	21.12	21.17		
1.4	QPSK	3	3	21.17	21.06	21.06		
1.4	QPSK	6	0	20.04	20.16	20.12	21.5	1
1.4	16QAM	1	0	20.40	20.52	20.34	21.5	1
1.4	16QAM	1	3	20.53	20.55	20.58		
1.4	16QAM	1	5	20.38	20.45	20.45		
1.4	16QAM	3	0	20.40	20.52	20.34		
1.4	16QAM	3	1	20.53	20.55	20.58		
1.4	16QAM	3	3	20.38	20.45	20.45		
1.4	16QAM	6	0	19.28	19.16	19.28	20.5	2
1.4	64QAM	1	0	19.45	19.39	19.24	20.5	2
1.4	64QAM	1	3	19.37	19.44	19.52		
1.4	64QAM	1	5	19.49	19.24	19.38		
1.4	64QAM	3	0	19.10	19.18	19.07		
1.4	64QAM	3	1	19.09	19.27	19.26		
1.4	64QAM	3	3	19.21	19.17	19.27		
1.4	64QAM	6	0	18.28	18.15	18.12	19.5	3
1.4	256QAM	1	0	16.15	16.22	16.21	17.5	5
1.4	256QAM	1	3	16.17	16.14	16.13		
1.4	256QAM	1	5	16.30	16.15	16.24		
1.4	256QAM	3	0	16.18	16.19	16.28		
1.4	256QAM	3	1	16.31	16.33	16.23		
1.4	256QAM	3	3	16.20	16.25	16.22		
1.4	256QAM	6	0	16.16	16.14	16.21	17.5	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.81	22.92	22.68	24	0
20	QPSK	1	49	22.68	22.87	22.55		
20	QPSK	1	99	22.76	22.89	22.43		
20	QPSK	50	0	21.64	21.89	21.63	23	1
20	QPSK	50	24	21.79	21.78	21.85		
20	QPSK	50	50	21.64	21.78	21.67		
20	QPSK	100	0	21.72	21.86	21.67		
20	16QAM	1	0	22.30	22.18	22.20	23	1
20	16QAM	1	49	22.30	22.14	22.07		
20	16QAM	1	99	22.23	22.09	22.31		
20	16QAM	50	0	20.87	20.87	20.75	22	2
20	16QAM	50	24	20.99	20.95	20.98		
20	16QAM	50	50	20.80	20.93	20.92		
20	16QAM	100	0	20.85	20.96	20.94		
20	64QAM	1	0	21.12	21.14	21.08	22	2
20	64QAM	1	49	21.19	21.21	21.17		
20	64QAM	1	99	21.23	21.09	21.07		
20	64QAM	50	0	19.99	19.87	19.88	21	3
20	64QAM	50	24	19.79	19.96	19.97		
20	64QAM	50	50	19.85	19.80	19.82		
20	64QAM	100	0	19.80	19.82	19.95		
20	256QAM	1	0	18.15	18.13	18.26	19	5
20	256QAM	1	49	18.05	18.21	18.20		
20	256QAM	1	99	18.04	18.19	18.02		
20	256QAM	50	0	18.02	18.01	18.01	19	5
20	256QAM	50	24	18.03	18.07	17.88		
20	256QAM	50	50	18.04	18.10	18.04		
20	256QAM	100	0	17.95	18.02	17.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.48	22.39	24	0
15	QPSK	1	37	22.35	22.44	22.23		
15	QPSK	1	74	22.25	22.26	22.34		
15	QPSK	36	0	21.21	21.35	21.24	23	1
15	QPSK	36	20	21.23	21.19	21.32		
15	QPSK	36	39	21.33	21.22	21.27		
15	QPSK	75	0	21.24	21.38	21.21		
15	16QAM	1	0	21.63	21.69	21.66	23	1
15	16QAM	1	37	21.72	21.78	21.65		
15	16QAM	1	74	21.78	21.73	21.63		
15	16QAM	36	0	20.33	20.44	20.44	22	2
15	16QAM	36	20	20.50	20.33	20.55		
15	16QAM	36	39	20.52	20.41	20.45		
15	16QAM	75	0	20.23	20.38	20.27		
15	64QAM	1	0	20.75	20.66	20.62	22	2
15	64QAM	1	37	20.74	20.59	20.62		
15	64QAM	1	74	20.69	20.82	20.70		
15	64QAM	36	0	19.55	19.44	19.42	21	3
15	64QAM	36	20	19.37	19.39	19.44		
15	64QAM	36	39	19.56	19.54	19.28		
15	64QAM	75	0	19.30	19.38	19.50		
15	256QAM	1	0	17.64	17.67	17.66	19	5
15	256QAM	1	37	17.80	17.57	17.68		
15	256QAM	1	74	17.70	17.73	17.82		
15	256QAM	36	0	17.46	17.59	17.41	19	5
15	256QAM	36	20	17.49	17.60	17.43		
15	256QAM	36	39	17.63	17.58	17.70		
15	256QAM	75	0	17.50	17.53	17.45		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.43	22.40	22.41	24	0
10	QPSK	1	25	22.29	22.41	22.24		
10	QPSK	1	49	22.27	22.19	22.34		
10	QPSK	25	0	21.18	21.37	21.24	23	1
10	QPSK	25	12	21.16	21.23	21.33		
10	QPSK	25	25	21.33	21.21	21.33		
10	QPSK	50	0	21.32	21.40	21.21		
10	16QAM	1	0	21.64	21.73	21.65	23	1
10	16QAM	1	25	21.75	21.74	21.62		
10	16QAM	1	49	21.78	21.78	21.68		
10	16QAM	25	0	20.35	20.44	20.42	22	2
10	16QAM	25	12	20.41	20.35	20.52		
10	16QAM	25	25	20.47	20.42	20.51		
10	16QAM	50	0	20.29	20.42	20.32		
10	64QAM	1	0	20.79	20.65	20.66	22	2
10	64QAM	1	25	20.76	20.63	20.64		
10	64QAM	1	49	20.69	20.85	20.64		
10	64QAM	25	0	19.56	19.45	19.47	21	3
10	64QAM	25	12	19.42	19.35	19.44		
10	64QAM	25	25	19.56	19.54	19.31		
10	64QAM	50	0	19.30	19.46	19.49		
10	256QAM	1	0	17.60	17.66	17.68	19	5
10	256QAM	1	25	17.84	17.63	17.70		
10	256QAM	1	49	17.69	17.75	17.74		
10	256QAM	25	0	17.55	17.50	17.40	19	5
10	256QAM	25	12	17.48	17.54	17.43		
10	256QAM	25	25	17.64	17.54	17.64		
10	256QAM	50	0	17.53	17.48	17.39		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.42	22.48	22.33	24	0
5	QPSK	1	12	22.35	22.43	22.18		
5	QPSK	1	24	22.22	22.25	22.27		
5	QPSK	12	0	21.21	21.36	21.29	23	1
5	QPSK	12	7	21.23	21.23	21.39		
5	QPSK	12	13	21.39	21.26	21.28		
5	QPSK	25	0	21.27	21.39	21.22		
5	16QAM	1	0	21.56	21.74	21.60	23	1
5	16QAM	1	12	21.72	21.73	21.65		
5	16QAM	1	24	21.81	21.70	21.68		
5	16QAM	12	0	20.31	20.48	20.47	22	2
5	16QAM	12	7	20.48	20.33	20.53		
5	16QAM	12	13	20.52	20.40	20.43		
5	16QAM	25	0	20.31	20.37	20.36		
5	64QAM	1	0	20.72	20.70	20.66	22	2
5	64QAM	1	12	20.74	20.59	20.68		
5	64QAM	1	24	20.65	20.83	20.72		
5	64QAM	12	0	19.61	19.42	19.42	21	3
5	64QAM	12	7	19.43	19.32	19.49		
5	64QAM	12	13	19.48	19.53	19.29		
5	64QAM	25	0	19.36	19.43	19.45		
5	256QAM	1	0	17.63	17.70	17.70	19	5
5	256QAM	1	12	17.86	17.62	17.64		
5	256QAM	1	24	17.67	17.79	17.80		
5	256QAM	12	0	17.46	17.52	17.49	19	5
5	256QAM	12	7	17.50	17.59	17.44		
5	256QAM	12	13	17.59	17.56	17.69		
5	256QAM	25	0	17.49	17.50	17.39		

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BW [MHz]	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	21.48	21.51	21.29	22.5	0
20	QPSK	1	49	21.39	21.47	21.24		
20	QPSK	1	99	21.43	21.36	21.13		
20	QPSK	50	0	20.38	20.47	20.32	21.5	1
20	QPSK	50	24	20.20	20.45	20.45		
20	QPSK	50	50	20.38	20.27	20.42		
20	QPSK	100	0	20.32	20.39	20.29		
20	16QAM	1	0	20.44	20.54	20.47	21.5	1
20	16QAM	1	49	20.59	20.62	20.44		
20	16QAM	1	99	20.52	20.54	20.55		
20	16QAM	50	0	19.41	19.46	19.51	20.5	2
20	16QAM	50	24	19.49	19.51	19.57		
20	16QAM	50	50	19.58	19.44	19.47		
20	16QAM	100	0	19.38	19.43	19.50		
20	64QAM	1	0	19.08	19.15	19.08	20.5	2
20	64QAM	1	49	19.03	19.02	19.19		
20	64QAM	1	99	19.07	19.22	19.16		
20	64QAM	50	0	18.54	18.49	18.52	19.5	3
20	64QAM	50	24	18.42	18.51	18.47		
20	64QAM	50	50	18.62	18.54	18.53		
20	64QAM	100	0	18.50	18.42	18.33		
20	256QAM	1	0	16.33	16.36	16.34	17.5	5
20	256QAM	1	49	16.31	16.27	16.25		
20	256QAM	1	99	16.31	16.31	16.34		
20	256QAM	50	0	16.50	16.49	16.44	17.5	5
20	256QAM	50	24	16.51	16.41	16.59		
20	256QAM	50	50	16.61	16.52	16.41		
20	256QAM	100	0	16.27	16.39	16.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.43	21.45	21.21	22.5	0
15	QPSK	1	37	21.29	21.38	21.12		
15	QPSK	1	74	21.33	21.28	21.05		
15	QPSK	36	0	20.30	20.41	20.22	21.5	1
15	QPSK	36	20	20.08	20.35	20.40		
15	QPSK	36	39	20.28	20.16	20.29		
15	QPSK	75	0	20.26	20.36	20.26		
15	16QAM	1	0	20.36	20.47	20.37	21.5	1
15	16QAM	1	37	20.47	20.54	20.36		
15	16QAM	1	74	20.47	20.41	20.44		
15	16QAM	36	0	19.29	19.40	19.48	20.5	2
15	16QAM	36	20	19.42	19.41	19.47		
15	16QAM	36	39	19.47	19.36	19.37		
15	16QAM	75	0	19.27	19.34	19.40		
15	64QAM	1	0	18.98	19.05	19.02	20.5	2
15	64QAM	1	37	18.93	18.93	19.12		
15	64QAM	1	74	19.02	19.16	19.06		
15	64QAM	36	0	18.41	18.43	18.43	19.5	3
15	64QAM	36	20	18.35	18.47	18.42		
15	64QAM	36	39	18.50	18.49	18.46		
15	64QAM	75	0	18.40	18.32	18.24		
15	256QAM	1	0	16.25	16.25	16.23	17.5	5
15	256QAM	1	37	16.26	16.21	16.14		
15	256QAM	1	74	16.22	16.22	16.23		
15	256QAM	36	0	16.38	16.42	16.39	17.5	5
15	256QAM	36	20	16.40	16.29	16.52		
15	256QAM	36	39	16.56	16.42	16.29		
15	256QAM	75	0	16.21	16.30	16.17		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.45	21.39	21.22	22.5	0
10	QPSK	1	25	21.33	21.39	21.21		
10	QPSK	1	49	21.33	21.31	21.07		
10	QPSK	25	0	20.32	20.34	20.27	21.5	1
10	QPSK	25	12	20.16	20.41	20.33		
10	QPSK	25	25	20.27	20.22	20.30		
10	QPSK	50	0	20.28	20.30	20.21		
10	16QAM	1	0	20.41	20.46	20.38	21.5	1
10	16QAM	1	25	20.55	20.50	20.33		
10	16QAM	1	49	20.42	20.48	20.50		
10	16QAM	25	0	19.37	19.40	19.46	20.5	2
10	16QAM	25	12	19.43	19.39	19.52		
10	16QAM	25	25	19.49	19.38	19.39		
10	16QAM	50	0	19.30	19.31	19.43		
10	64QAM	1	0	19.03	19.11	19.04	20.5	2
10	64QAM	1	25	18.98	18.98	19.11		
10	64QAM	1	49	19.02	19.10	19.06		
10	64QAM	25	0	18.41	18.42	18.39	19.5	3
10	64QAM	25	12	18.39	18.40	18.34		
10	64QAM	25	25	18.57	18.46	18.52		
10	64QAM	50	0	18.39	18.35	18.23		
10	256QAM	1	0	16.21	16.31	16.23	17.5	5
10	256QAM	1	25	16.18	16.14	16.21		
10	256QAM	1	49	16.24	16.23	16.24		
10	256QAM	25	0	16.42	16.44	16.35	17.5	5
10	256QAM	25	12	16.44	16.32	16.46		
10	256QAM	25	25	16.48	16.43	16.32		
10	256QAM	50	0	16.17	16.36	16.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.41	21.46	21.22	22.5	0
5	QPSK	1	12	21.35	21.36	21.13		
5	QPSK	1	24	21.32	21.26	21.09		
5	QPSK	12	0	20.32	20.39	20.20	21.5	1
5	QPSK	12	7	20.12	20.37	20.39		
5	QPSK	12	13	20.26	20.20	20.35		
5	QPSK	25	0	20.22	20.35	20.21		
5	16QAM	1	0	20.33	20.42	20.43	21.5	1
5	16QAM	1	12	20.53	20.53	20.33		
5	16QAM	1	24	20.47	20.46	20.50		
5	16QAM	12	0	19.36	19.41	19.42	20.5	2
5	16QAM	12	7	19.44	19.42	19.54		
5	16QAM	12	13	19.53	19.34	19.38		
5	16QAM	25	0	19.30	19.37	19.42		
5	64QAM	1	0	18.98	19.06	19.02	20.5	2
5	64QAM	1	12	18.96	18.98	19.12		
5	64QAM	1	24	19.00	19.12	19.08		
5	64QAM	12	0	18.44	18.44	18.40	19.5	3
5	64QAM	12	7	18.30	18.38	18.34		
5	64QAM	12	13	18.58	18.48	18.44		
5	64QAM	25	0	18.43	18.38	18.26		
5	256QAM	1	0	16.22	16.28	16.27	17.5	5
5	256QAM	1	12	16.27	16.22	16.13		
5	256QAM	1	24	16.23	16.21	16.25		
5	256QAM	12	0	16.45	16.38	16.41	17.5	5
5	256QAM	12	7	16.44	16.33	16.55		
5	256QAM	12	13	16.49	16.39	16.33		
5	256QAM	25	0	16.15	16.31	16.17		

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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	21.59	21.41	21.69	21.33	21.22	22.5	0
20	QPSK	1	49	21.29	21.31	21.58	21.26	21.26		
20	QPSK	1	99	21.22	21.32	21.62	21.29	21.21		
20	QPSK	50	0	20.33	20.38	20.53	20.35	20.39	21.5	1
20	QPSK	50	24	20.51	20.32	20.45	20.52	20.42		
20	QPSK	50	50	20.41	20.50	20.33	20.41	20.45		
20	QPSK	100	0	20.48	20.34	20.49	20.47	20.39		
20	16QAM	1	0	20.51	20.56	20.58	20.55	20.58	21.5	1
20	16QAM	1	49	20.67	20.46	20.46	20.57	20.45		
20	16QAM	1	99	20.69	20.60	20.52	20.51	20.57		
20	16QAM	50	0	19.46	19.59	19.52	19.61	19.53	20.5	2
20	16QAM	50	24	19.62	19.39	19.63	19.55	19.52		
20	16QAM	50	50	19.46	19.52	19.45	19.41	19.50		
20	16QAM	100	0	19.55	19.55	19.45	19.54	19.57		
20	64QAM	1	0	19.32	19.20	19.22	19.20	19.19	20.5	2
20	64QAM	1	49	19.24	19.20	19.24	19.28	19.28		
20	64QAM	1	99	19.22	19.10	19.23	19.25	19.22		
20	64QAM	50	0	18.45	18.51	18.51	18.52	18.53	19.5	3
20	64QAM	50	24	18.62	18.56	18.42	18.54	18.63		
20	64QAM	50	50	18.51	18.50	18.55	18.55	18.54		
20	64QAM	100	0	18.38	18.56	18.43	18.49	18.47		
20	256QAM	1	0	16.26	16.39	16.38	16.38	16.39	17.5	5
20	256QAM	1	49	16.41	16.35	16.49	16.48	16.29		
20	256QAM	1	99	16.34	16.42	16.43	16.41	16.32		
20	256QAM	50	0	16.64	16.56	16.53	16.50	16.63	17.5	5
20	256QAM	50	24	16.51	16.42	16.59	16.61	16.50		
20	256QAM	50	50	16.65	16.49	16.46	16.65	16.58		
20	256QAM	100	0	16.49	16.36	16.44	16.34	16.39		
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	21.55	21.33	21.62	21.20	21.17	23	0
15	QPSK	1	37	21.22	21.23	21.48	21.15	21.22		
15	QPSK	1	74	21.16	21.25	21.50	21.25	21.15		
15	QPSK	36	0	20.28	20.32	20.48	20.26	20.36	21.5	1
15	QPSK	36	20	20.42	20.21	20.32	20.47	20.38		
15	QPSK	36	39	20.36	20.46	20.28	20.37	20.38		
15	QPSK	75	0	20.41	20.23	20.45	20.35	20.35		
15	16QAM	1	0	20.45	20.49	20.47	20.46	20.52	21.5	1
15	16QAM	1	37	20.61	20.33	20.38	20.54	20.40		
15	16QAM	1	74	20.62	20.48	20.49	20.40	20.46		
15	16QAM	36	0	19.40	19.56	19.43	19.56	19.47	20.5	2
15	16QAM	36	20	19.54	19.27	19.55	19.46	19.46		
15	16QAM	36	39	19.35	19.43	19.41	19.35	19.37		
15	16QAM	75	0	19.49	19.43	19.42	19.45	19.51		
15	64QAM	1	0	19.26	19.13	19.10	19.13	19.16	20.5	2
15	64QAM	1	37	19.13	19.12	19.19	19.24	19.21		
15	64QAM	1	74	19.09	19.01	19.18	19.18	19.17		
15	64QAM	36	0	18.39	18.41	18.48	18.47	18.45	19.5	3
15	64QAM	36	20	18.51	18.44	18.32	18.49	18.59		
15	64QAM	36	39	18.38	18.41	18.49	18.49	18.44		
15	64QAM	75	0	18.31	18.48	18.33	18.40	18.34		
15	256QAM	1	0	16.16	16.28	16.26	16.34	16.30	17.5	5
15	256QAM	1	37	16.30	16.29	16.39	16.42	16.20		
15	256QAM	1	74	16.27	16.32	16.32	16.30	16.20		
15	256QAM	36	0	16.51	16.52	16.41	16.47	16.54	17.5	5
15	256QAM	36	20	16.44	16.31	16.55	16.53	16.41		
15	256QAM	36	39	16.53	16.44	16.42	16.58	16.51		
15	256QAM	75	0	16.45	16.30	16.35	16.22	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.51	21.31	21.56	21.22	21.13	23	0
10	QPSK	1	25	21.21	21.27	21.47	21.19	21.14		
10	QPSK	1	49	21.10	21.23	21.51	21.17	21.13		
10	QPSK	25	0	20.26	20.26	20.44	20.26	20.32	21.5	1
10	QPSK	25	12	20.44	20.25	20.42	20.40	20.29		
10	QPSK	25	25	20.37	20.39	20.29	20.37	20.35		
10	QPSK	50	0	20.37	20.28	20.38	20.36	20.27		
10	16QAM	1	0	20.42	20.50	20.54	20.47	20.53	21.5	1
10	16QAM	1	25	20.62	20.39	20.37	20.51	20.39		
10	16QAM	1	49	20.56	20.49	20.42	20.47	20.50		
10	16QAM	25	0	19.39	19.53	19.46	19.57	19.46	20.5	2
10	16QAM	25	12	19.53	19.36	19.52	19.46	19.46		
10	16QAM	25	25	19.40	19.48	19.34	19.36	19.45		
10	16QAM	50	0	19.49	19.51	19.33	19.44	19.48		
10	64QAM	1	0	19.14	19.15	19.19	19.08	19.13	20.5	2
10	64QAM	1	25	19.12	19.09	19.18	19.24	19.18		
10	64QAM	1	49	19.14	19.03	19.15	19.12	19.18		
10	64QAM	25	0	18.35	18.47	18.45	18.49	18.44	19.5	3
10	64QAM	25	12	18.51	18.45	18.33	18.51	18.58		
10	64QAM	25	25	18.41	18.43	18.43	18.50	18.47		
10	64QAM	50	0	18.34	18.47	18.39	18.45	18.36		
10	256QAM	1	0	16.19	16.32	16.32	16.29	16.31	17.5	5
10	256QAM	1	25	16.36	16.31	16.36	16.44	16.17		
10	256QAM	1	49	16.23	16.31	16.37	16.34	16.28		
10	256QAM	25	0	16.61	16.44	16.49	16.46	16.60	17.5	5
10	256QAM	25	12	16.48	16.32	16.53	16.49	16.43		
10	256QAM	25	25	16.56	16.46	16.37	16.54	16.54		
10	256QAM	50	0	16.46	16.27	16.37	16.25	16.34		
Channel				39675	40150	40625	41093	41650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.34	21.61	21.29	21.13	23	0
5	QPSK	1	12	21.21	21.22	21.50	21.16	21.22		
5	QPSK	1	24	21.19	21.19	21.53	21.17	21.11		
5	QPSK	12	0	20.27	20.32	20.48	20.26	20.27	21.5	1
5	QPSK	12	7	20.47	20.29	20.41	20.43	20.32		
5	QPSK	12	13	20.29	20.44	20.28	20.36	20.39		
5	QPSK	25	0	20.36	20.30	20.39	20.43	20.30		
5	16QAM	1	0	20.46	20.47	20.47	20.52	20.45	21.5	1
5	16QAM	1	12	20.59	20.34	20.33	20.48	20.33		
5	16QAM	1	24	20.65	20.50	20.49	20.40	20.50		
5	16QAM	12	0	19.41	19.51	19.45	19.55	19.46	20.5	2
5	16QAM	12	7	19.55	19.34	19.54	19.51	19.43		
5	16QAM	12	13	19.34	19.45	19.40	19.32	19.42		
5	16QAM	25	0	19.44	19.43	19.36	19.41	19.52		
5	64QAM	1	0	19.25	19.13	19.13	19.09	19.08	20.5	2
5	64QAM	1	12	19.18	19.10	19.14	19.17	19.18		
5	64QAM	1	24	19.11	19.03	19.17	19.18	19.15		
5	64QAM	12	0	18.41	18.47	18.46	18.49	18.41	19.5	3
5	64QAM	12	7	18.51	18.47	18.32	18.43	18.55		
5	64QAM	12	13	18.41	18.41	18.50	18.50	18.48		
5	64QAM	25	0	18.31	18.48	18.32	18.37	18.41		
5	256QAM	1	0	16.20	16.33	16.33	16.26	16.28	17.5	5
5	256QAM	1	12	16.37	16.29	16.37	16.36	16.17		
5	256QAM	1	24	16.23	16.38	16.31	16.30	16.23		
5	256QAM	12	0	16.60	16.48	16.49	16.39	16.51	17.5	5
5	256QAM	12	7	16.39	16.34	16.47	16.56	16.40		
5	256QAM	12	13	16.59	16.42	16.37	16.60	16.49		
5	256QAM	25	0	16.42	16.28	16.35	16.26	16.27		

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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	24.51	24.40	24.55	24.31	24.20	25.5	0
20	QPSK	1	49	24.23	24.21	24.46	24.34	24.42		
20	QPSK	1	99	24.43	24.35	24.43	24.13	24.45		
20	QPSK	50	0	23.27	23.39	23.51	23.26	23.48	24.5	1
20	QPSK	50	24	23.39	23.49	23.30	23.38	23.31		
20	QPSK	50	50	23.28	23.27	23.30	23.33	23.36		
20	QPSK	100	0	23.28	23.41	23.43	23.40	23.23		
20	16QAM	1	0	23.67	23.83	23.76	23.73	23.74	24.5	1
20	16QAM	1	49	23.83	23.73	23.89	23.82	23.69		
20	16QAM	1	99	23.68	23.68	23.77	23.85	23.75		
20	16QAM	50	0	22.61	22.42	22.49	22.43	22.43	23.5	2
20	16QAM	50	24	22.58	22.57	22.57	22.53	22.47		
20	16QAM	50	50	22.36	22.44	22.44	22.47	22.51		
20	16QAM	100	0	22.56	22.34	22.46	22.57	22.34		
20	64QAM	1	0	22.42	22.42	22.49	22.36	22.56	23.5	2
20	64QAM	1	49	22.55	22.47	22.61	22.52	22.50		
20	64QAM	1	99	22.55	22.57	22.62	22.38	22.49		
20	64QAM	50	0	21.64	21.43	21.52	21.41	21.39	22.5	3
20	64QAM	50	24	21.62	21.43	21.57	21.41	21.56		
20	64QAM	50	50	21.41	21.63	21.61	21.54	21.49		
20	64QAM	100	0	21.40	21.50	21.41	21.43	21.51		
20	256QAM	1	0	19.38	19.58	19.49	19.42	19.37	20.5	5
20	256QAM	1	49	19.48	19.40	19.38	19.56	19.51		
20	256QAM	1	99	19.47	19.44	19.44	19.52	19.51		
20	256QAM	50	0	19.45	19.44	19.52	19.45	19.48	20.5	5
20	256QAM	50	24	19.49	19.53	19.65	19.59	19.41		
20	256QAM	50	50	19.44	19.62	19.61	19.42	19.62		
20	256QAM	100	0	19.34	19.36	19.42	19.53	19.30		
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	24.44	24.29	24.48	24.20	24.13	26	0
15	QPSK	1	37	24.11	24.11	24.42	24.23	24.38		
15	QPSK	1	74	24.33	24.26	24.37	24.01	24.34		
15	QPSK	36	0	23.16	23.32	23.47	23.21	23.44	24.5	1
15	QPSK	36	20	23.33	23.38	23.21	23.32	23.21		
15	QPSK	36	39	23.24	23.24	23.17	23.26	23.25		
15	QPSK	75	0	23.19	23.36	23.31	23.33	23.19		
15	16QAM	1	0	23.59	23.76	23.70	23.67	23.63	24.5	1
15	16QAM	1	37	23.74	23.70	23.77	23.72	23.65		
15	16QAM	1	74	23.61	23.56	23.74	23.74	23.67		
15	16QAM	36	0	22.55	22.31	22.41	22.32	22.30	23.5	2
15	16QAM	36	20	22.48	22.47	22.52	22.47	22.40		
15	16QAM	36	39	22.30	22.32	22.41	22.44	22.43		
15	16QAM	75	0	22.51	22.23	22.37	22.52	22.22		
15	64QAM	1	0	22.32	22.34	22.41	22.32	22.46	23.5	2
15	64QAM	1	37	22.47	22.40	22.58	22.40	22.45		
15	64QAM	1	74	22.51	22.54	22.55	22.31	22.46		
15	64QAM	36	0	21.54	21.35	21.41	21.34	21.28	22.5	3
15	64QAM	36	20	21.51	21.36	21.47	21.30	21.50		
15	64QAM	36	39	21.34	21.57	21.57	21.44	21.38		
15	64QAM	75	0	21.34	21.46	21.37	21.34	21.42		
15	256QAM	1	0	19.28	19.51	19.43	19.34	19.29	20.5	5
15	256QAM	1	37	19.41	19.30	19.31	19.49	19.48		
15	256QAM	1	74	19.43	19.40	19.37	19.45	19.44		
15	256QAM	36	0	19.40	19.39	19.46	19.35	19.41	20.5	5
15	256QAM	36	20	19.36	19.46	19.57	19.49	19.29		
15	256QAM	36	39	19.34	19.53	19.55	19.35	19.59		
15	256QAM	75	0	19.24	19.27	19.37	19.44	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.39	24.34	24.44	24.25	24.16	26	0
10	QPSK	1	25	24.14	24.12	24.36	24.28	24.34		
10	QPSK	1	49	24.33	24.28	24.32	24.07	24.34		
10	QPSK	25	0	23.22	23.31	23.39	23.22	23.35	24.5	1
10	QPSK	25	12	23.36	23.36	23.19	23.28	23.27		
10	QPSK	25	25	23.20	23.20	23.19	23.22	23.29		
10	QPSK	50	0	23.16	23.31	23.39	23.36	23.19		
10	16QAM	1	0	23.58	23.72	23.66	23.63	23.63	24.5	1
10	16QAM	1	25	23.75	23.69	23.77	23.71	23.57		
10	16QAM	1	49	23.64	23.60	23.64	23.78	23.66		
10	16QAM	25	0	22.57	22.35	22.37	22.31	22.38	23.5	2
10	16QAM	25	12	22.52	22.51	22.47	22.46	22.42		
10	16QAM	25	25	22.30	22.41	22.37	22.40	22.43		
10	16QAM	50	0	22.47	22.24	22.34	22.52	22.22		
10	64QAM

GSM850 Ant1	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	31.45	31.57	31.52	33.00	22.45	22.57	22.52	24.00
GPRS 1 Tx slot	31.43	31.51	31.47	33.00	22.43	22.51	22.47	24.00
GPRS 2 Tx slots	28.45	28.52	28.44	29.50	22.45	22.52	22.44	23.50
GPRS 3 Tx slots	26.71	26.80	26.77	27.50	22.45	22.54	22.51	23.24
GPRS 4 Tx slots	25.64	25.77	25.73	27.00	22.64	22.77	22.73	24.00
EDGE 1 Tx slot	26.13	26.21	26.11	27.50	17.13	17.21	17.11	18.50
EDGE 2 Tx slots	24.86	24.94	24.88	26.00	18.86	18.94	18.88	20.00
EDGE 3 Tx slots	22.83	22.97	22.84	24.00	18.57	18.71	18.58	19.74
EDGE 4 Tx slots	21.57	21.61	21.54	22.50	18.57	18.61	18.54	19.50

GSM1900 Ant1	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	24.87	25.01	24.95	26.10	15.87	16.01	15.95	17.10
GPRS 1 Tx slot	24.85	24.99	24.93	26.10	15.85	15.99	15.93	17.10
GPRS 2 Tx slots	21.83	21.86	21.80	22.10	15.83	15.86	15.80	16.10
GPRS 3 Tx slots	19.98	20.06	20.04	20.60	15.72	15.80	15.78	16.34
GPRS 4 Tx slots	18.89	18.97	18.90	20.10	15.89	15.97	15.90	17.10
EDGE 1 Tx slot	23.19	23.33	23.19	24.50	14.19	14.33	14.19	15.50
EDGE 2 Tx slots	21.94	22.03	21.99	23.00	15.94	16.03	15.99	17.00
EDGE 3 Tx slots	19.31	19.43	19.39	20.50	15.05	15.17	15.13	16.24
EDGE 4 Tx slots	17.99	18.09	17.99	19.00	14.99	15.09	14.99	16.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			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	14.84	14.87	14.80	16.10	15.25	15.26	15.20	16.20	21.68	21.72	21.67	23.00
3GPP Rel 99	RMC 12.2Kbps	14.86	14.88	14.82	16.10	15.26	15.28	15.21	16.20	21.71	21.74	21.69	23.00
3GPP Rel 6	HSDPA Subtest-1	13.73	13.61	13.92	15.10	14.35	14.09	14.19	15.20	20.47	20.63	20.68	22.00
3GPP Rel 6	HSDPA Subtest-2	13.81	13.84	13.85	15.10	14.15	14.20	14.24	15.20	20.47	20.56	20.47	22.00
3GPP Rel 6	HSDPA Subtest-3	13.27	13.32	13.15	14.60	13.62	13.65	13.59	14.70	20.05	20.28	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	13.06	13.33	13.45	14.60	13.86	13.66	13.49	14.70	20.25	20.11	20.13	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.83	13.92	13.71	15.10	14.27	14.31	14.18	15.20	20.74	20.75	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.52	13.75	13.83	15.10	14.04	14.20	14.24	15.20	20.47	20.59	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.06	13.21	13.23	14.60	13.72	13.56	13.59	14.70	20.01	20.04	20.02	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.29	13.34	13.31	14.60	13.75	13.96	13.72	14.70	20.07	20.22	20.25	21.50
3GPP Rel 6	HSUPA Subtest-1	13.66	13.97	13.75	15.10	14.28	14.31	14.19	15.20	20.46	20.73	20.48	22.00
3GPP Rel 6	HSUPA Subtest-2	11.66	11.81	11.56	13.10	12.25	12.36	12.10	13.20	18.64	18.63	18.67	20.00
3GPP Rel 6	HSUPA Subtest-3	12.68	12.84	12.80	14.10	13.32	13.10	13.12	14.20	19.60	19.62	19.60	21.00
3GPP Rel 6	HSUPA Subtest-4	11.61	11.59	11.72	13.10	12.04	12.35	12.32	13.20	18.47	18.56	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	13.67	13.91	13.78	15.10	14.29	14.28	14.11	15.20	20.70	20.65	20.71	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.03	11.22	11.27	12.60	11.64	11.69	11.65	12.70	18.14	18.18	17.98	19.50

Band 2 Ant1

BW [MHz]	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	15.01	15.04	15.02		
20	QPSK	1	49	15.01	14.94	14.86	16.1	0
20	QPSK	1	99	15.01	14.93	14.92		
20	QPSK	50	0	14.89	15.01	14.84		
20	QPSK	50	24	14.87	14.90	14.82	16.1	0
20	QPSK	50	50	14.87	14.98	14.82		
20	QPSK	100	0	14.96	14.98	14.92		
20	16QAM	1	0	14.92	14.99	14.92		
20	16QAM	1	49	14.91	14.98	14.85	16.1	0
20	16QAM	1	99	14.91	14.95	14.88		
20	16QAM	50	0	14.96	14.93	14.90		
20	16QAM	50	24	14.89	14.93	14.99	16.1	0
20	16QAM	50	50	14.90	14.89	14.97		
20	16QAM	100	0	15.02	14.95	14.88		
20	64QAM	1	0	14.94	14.97	14.87		
20	64QAM	1	49	14.95	14.87	14.98	16.1	0
20	64QAM	1	99	14.98	14.97	14.86		
20	64QAM	50	0	15.01	14.96	14.95		
20	64QAM	50	24	14.95	15.02	14.89	16.1	0
20	64QAM	50	50	14.99	14.85	14.99		
20	64QAM	100	0	14.89	14.90	14.96		
20	256QAM	1	0	14.89	14.84	14.83		
20	256QAM	1	49	14.94	14.95	14.93	16.1	0
20	256QAM	1	99	14.95	14.92	15.02		
20	256QAM	50	0	14.89	14.82	14.83		
20	256QAM	50	24	14.99	15.00	14.91	16.1	0
20	256QAM	50	50	14.92	14.96	14.95		
20	256QAM	100	0	15.00	14.98	14.93		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.98	15.00	14.82		
15	QPSK	1	37	14.98	14.83	14.79	16.1	0
15	QPSK	1	74	14.92	14.75	14.89		
15	QPSK	36	0	14.74	14.82	14.81		
15	QPSK	36	20	14.70	14.73	14.70	16.1	0
15	QPSK	36	39	14.85	14.85	14.85		
15	QPSK	75	0	14.93	14.80	14.74		
15	16QAM	1	0	14.82	14.79	14.71		
15	16QAM	1	37	14.76	14.91	14.74	16.1	0
15	16QAM	1	74	14.74	14.81	14.81		
15	16QAM	36	0	14.77	14.89	14.79		
15	16QAM	36	20	14.77	14.79	14.81	16.1	0
15	16QAM	36	39	14.79	14.77	14.90		
15	16QAM	75	0	14.80	14.84	14.76		
15	64QAM	1	0	14.77	14.93	14.72		
15	64QAM	1	37	14.75	14.82	14.79	16.1	0
15	64QAM	1	74	14.82	14.88	14.82		
15	64QAM	36	0	14.83	14.79	14.85		
15	64QAM	36	20	14.87	14.82	14.82	16.1	0
15	64QAM	36	39	14.78	14.70	14.95		
15	64QAM	75	0	14.81	14.68	14.77		
15	256QAM	1	0	14.71	14.70	14.77		
15	256QAM	1	37	14.76	14.86	14.78	16.1	0
15	256QAM	1	74	14.93	14.77	14.82		
15	256QAM	36	0	14.77	14.73	14.66		
15	256QAM	36	20	14.87	14.94	14.73	16.1	0
15	256QAM	36	39	14.68	14.83	14.93		
15	256QAM	75	0	14.81	14.92	14.73		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.90	14.94	14.85		
10	QPSK	1	25	14.98	14.81	14.69	16.1	0
10	QPSK	1	49	14.98	14.84	14.73		
10	QPSK	25	0	14.71	14.83	14.71		
10	QPSK	25	12	14.74	14.72	14.70	16.1	0
10	QPSK	25	25	14.84	14.76	14.80		
10	QPSK	50	0	14.79	14.83	14.88		
10	16QAM	1	0	14.88	14.92	14.76		
10	16QAM	1	25	14.76	14.95	14.73	16.1	0
10	16QAM	1	49	14.83	14.74	14.79		
10	16QAM	25	0	14.79	14.73	14.83		
10	16QAM	25	12	14.79	14.84	14.93	16.1	0
10	16QAM	25	25	14.81	14.73	14.91		
10	16QAM	50	0	14.83	14.86	14.75		
10	64QAM	1	0	14.75	14.84	14.84		
10	64QAM	1	25	14.78	14.69	14.76	16.1	0
10	64QAM	1	49	14.85	14.80	14.65		
10	64QAM	25	0	14.97	14.86	14.84		
10	64QAM	25	12	14.77	14.97	14.76	16.1	0
10	64QAM	25	25	14.84	14.65	14.84		
10	64QAM	50	0	14.85	14.84	14.83		
10	256QAM	1	0	14.70	14.75	14.66		
10	256QAM	1	25	14.71	14.90	14.90	16.1	0
10	256QAM	1	49	14.79	14.89	14.86		
10	256QAM	25	0	14.71	14.71	14.79		
10	256QAM	25	12	14.85	14.85	14.88	16.1	0
10	256QAM	25	25	14.80	14.77	14.80		
10	256QAM	50	0	14.91	14.86	14.90		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.95	14.84	14.83		
5	QPSK	1	12	14.91	14.87	14.83	16.1	0
5	QPSK	1	24	14.87	14.76	14.84		
5	QPSK	12	0	14.78	14.93	14.68		
5	QPSK	12	7	14.84	14.68	14.88	16.1	0
5	QPSK	12	13	14.75	14.94	14.78		
5	QPSK	25	0	14.76	14.94	14.87		
5	16QAM	1	0	14.86	14.87	14.82		
5	16QAM	1	12	14.71	14.90	14.69	16.1	0
5	16QAM	1	24	14.88	14.83	14.78		
5	16QAM	12	0	14.85	14.75	14.73		
5	16QAM	12	7	14.87	14.73	14.90	16.1	0
5	16QAM	12	13	14.77	14.87	14.77		
5	16QAM	25	0	15.00	14.79	14.78		
5	64QAM	1	0	14.75	14.85	14.79		
5	64QAM	1	12	14.79	14.78	14.95	16.1	0
5	64QAM	1	24	14.85	14.83	14.67		
5	64QAM	12	0	14.92	14.79	14.82		
5	64QAM	12	7	14.88	14.89	14.77	16.1	0
5	64QAM	12	13	14.78	14.65	14.84		
5	64QAM	25	0	14.72	14.91	14.91		
5	256QAM	1	0	14.74	14.63	14.67		
5	256QAM	1	12	14.72	14.87	14.72	16.1	0
5	256QAM	1	24	14.92	14.76	14.82		
5	256QAM	12	0	14.87	14.83	14.67		
5	256QAM	12	7	14.92	14.81	14.76	16.1	0
5	256QAM	12	13	14.62	14.78	14.87		
5	256QAM	25	0	14.93	14.82	14.73		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.88	14.92	14.94		
3	QPSK	1	8	14.85	14.82	14.80	16.1	0
3	QPSK	1	14	14.96	14.80	14.80		
3	QPSK	8	0	14.74	14.80	14.73		
3	QPSK	8	4	14.67	14.71	14.68	16.1	0
3	QPSK	8	7	14.72	14.87	14.65		
3	QPSK	15	0	14.94	14.87	14.74		
3	16QAM	1	0	14.82	14.96	14.70		
3	16QAM	1	8	14.77	14.77	14.74	16.1	0
3	16QAM	1	14	14.77	14.76	14.67		
3	16QAM	8	0	14.75	14.80	14.83		
3	16QAM	8	4	14.79	14.72	14.88	16.1	0
3	16QAM	8	7	14.74	14.79	14.78		
3	16QAM	15	0	14.97	14.87	14.71		
3	64QAM	1	0	14.74	14.85	14.71		
3	64QAM	1	8	14.92	14.74	14.90	16.1	0
3	64QAM	1	14	14.95	14.83	14.81		
3	64QAM	8	0	14.92	14.86	14.85		
3	64QAM	8	4	14.79	14.81	14.74	16.1	0
3	64QAM	8	7	14.87	14.85	14.81		
3	64QAM	15	0	14.67	14.85	14.81		
3	256QAM	1	0	14.67	14.68	14.68		
3	256QAM	1	8	14.74	14.81	14.88	16.1	0
3	256QAM	1	14	14.85	14.77	14.99		
3	256QAM	8	0	14.86	14.74	14.63		
3	256QAM	8	4	14.89	14.96	14.87	16.1	0
3	256QAM	8	7	14.68	14.80	14.74		
3	256QAM	15	0	14.95	14.96	14.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.83	14.89	14.97		
1.4	QPSK	1	3	14.87	14.78	14.74		
1.4	QPSK	1	5	14.84	14.77	14.86	16.1	0
1.4	QPSK	3	0	14.79	14.87	14.66		
1.4	QPSK	3	1	14.75	14.76	14.78		
1.4	QPSK	3	3	14.69	14.86	14.63		
1.4	QPSK	6	0	14.92	14.77	14.78	16.1	0
1.4	16QAM	1	0	14.89	14.83	14.75		
1.4	16QAM	1	3	14.75	14.83	14.81		
1.4	16QAM	1	5	14.73	14.76	14.70	16.1	0
1.4	16QAM	3	0	14.81	14.82	14.72		
1.4	16QAM	3	1	14.68	14.77	14.80		
1.4	16QAM	3	3	14.70	14.77	14.89		
1.4	16QAM	6	0	14.98	14.77	14.67	16.1	0
1.4	64QAM	1	0	14.82	14.88	14.68		
1.4	64QAM	1	3	14.90	14.68	14.83		
1.4	64QAM	1	5	14.88	14.82	14.74	16.1	0
1.4	64QAM	3	0	14.82	14.90	14.90		
1.4	64QAM	3	1	14.73	14.97	14.72		
1.4	64QAM	3	3	14.86	14.74	14.89		
1.4	64QAM	6	0	14.67	14.81	14.91	16.1	0
1.4	256QAM	1	0	14.80	14.64	14.61		
1.4	256QAM	1	3	14.75	14.92	14.88		
1.4	256QAM	1	5	14.85	14.81	14.92	16.1	0
1.4	256QAM	3	0	14.80	14.68	14.80		
1.4	256QAM	3	1	14.90	14.97	14.75		
1.4	256QAM	3	3	14.80	14.87	14.90		
1.4	256QAM	6	0	14.85	14.79	14.83	16.1	0

Band 4 Ant1

BW [MHz]	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	15.15	15.18	15.08		
20	QPSK	1	49	15.11	15.08	15.04	16.6	0
20	QPSK	1	99	15.04	15.04	15.02		
20	QPSK	50	0	15.09	15.16	15.09		
20	QPSK	50	24	14.99	15.14	15.00	16.6	0
20	QPSK	50	50	15.08	15.15	15.06		
20	QPSK	100	0	15.06	15.14	15.10		
20	16QAM	1	0	15.14	15.15	15.03		
20	16QAM	1	49	15.14	15.07	14.97	16.6	0
20	16QAM	1	99	15.00	15.10	14.99		
20	16QAM	50	0	15.07	15.07	15.11		
20	16QAM	50	24	14.97	15.00	15.03	16.6	0
20	16QAM	50	50	15.11	15.06	15.09		
20	16QAM	100	0	15.13	15.07	15.02		
20	64QAM	1	0	15.14	15.07	15.12		
20	64QAM	1	49	15.08	15.01	15.12	16.6	0
20	64QAM	1	99	15.08	15.15	15.09		
20	64QAM	50	0	15.05	15.12	14.97		
20	64QAM	50	24	15.07	15.04	15.08	16.6	0
20	64QAM	50	50	15.05	15.07	15.15		
20	64QAM	100	0	15.00	14.98	15.09		
20	256QAM	1	0	14.96	14.86	14.80		
20	256QAM	1	49	14.74	14.94	14.76	16.6	0
20	256QAM	1	99	14.85	14.78	14.88		
20	256QAM	50	0	14.81	14.85	14.84		
20	256QAM	50	24	14.92	14.96	14.77	16.6	0
20	256QAM	50	50	14.76	14.86	14.88		
20	256QAM	100	0	14.80	14.88	15.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.50	16.54	16.41		
15	QPSK	1	37	16.54	16.45	16.39	16.6	0
15	QPSK	1	74	16.38	16.59	16.43		
15	QPSK	36	0	16.57	16.46	16.52		
15	QPSK	36	20	16.44	16.47	16.47	16.6	0
15	QPSK	36	39	16.41	16.49	16.47		
15	QPSK	75	0	16.43	16.55	16.52		
15	16QAM	1	0	16.47	16.43	16.38		
15	16QAM	1	37	16.52	16.40	16.41	16.6	0
15	16QAM	1	74	16.43	16.56	16.46		
15	16QAM	36	0	16.51	16.43	16.49		
15	16QAM	36	20	16.34	16.46	16.34	16.6	0
15	16QAM	36	39	16.53	16.49	16.53		
15	16QAM	75	0	16.53	16.36	16.41		
15	64QAM	1	0	16.56	16.49	16.49		
15	64QAM	1	37	16.40	16.46	16.43	16.6	0
15	64QAM	1	74	16.48	16.57	16.55		
15	64QAM	36	0	16.51	16.49	16.36		
15	64QAM	36	20	16.36	16.37	16.46	16.6	0
15	64QAM	36	39	16.52	16.42	16.45		
15	64QAM	75	0	16.47	16.43	16.44		
15	256QAM	1	0	16.15	16.04	16.16		
15	256QAM	1	37	16.14	16.06	16.00	16.6	0
15	256QAM	1	74	16.10	16.05	15.96		
15	256QAM	36	0	16.09	16.02	16.06		
15	256QAM	36	20	15.99	15.89	15.96	16.6	0
15	256QAM	36	39	16.13	16.01	15.94		
15	256QAM	75	0	15.91	16.01	15.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.54	16.48	16.41		
10	QPSK	1	25	16.48	16.47	16.47	16.6	0
10	QPSK	1	49	16.45	16.54	16.39		
10	QPSK	25	0	16.52	16.60	16.50		
10	QPSK	25	12	16.36	16.44	16.41	16.6	0
10	QPSK	25	25	16.41	16.43	16.43		
10	QPSK	50	0	16.48	16.60	16.47		
10	16QAM	1	0	16.57	16.62	16.42		
10	16QAM	1	25	16.62	16.50	16.27	16.6	0
10	16QAM	1	49	16.44	16.50	16.44		
10	16QAM	25	0	16.46	16.53	16.41		
10	16QAM	25	12	16.37	16.42	16.33	16.6	0
10	16QAM	25	25	16.43	16.48	16.41		
10	16QAM	50	0	16.50	16.52	16.42		
10	64QAM	1	0	16.43	16.45	16.59		
10	64QAM	1	25	16.37	16.38	16.59	16.6	0
10	64QAM	1	49	16.45	16.46	16.48		
10	64QAM	25	0	16.51	16.43	16.34		
10	64QAM	25	12	16.52	16.52	16.49	16.6	0
10	64QAM	25	25	16.45	16.44	16.54		
10	64QAM	50	0	16.43	16.32	16.50		
10	256QAM	1	0	16.16	16.03	16.19		
10	256QAM	1	25	16.08	16.10	16.01	16.6	0
10	256QAM	1	49	16.10	16.03	15.90		
10	256QAM	25	0	16.11	16.04	16.07		
10	256QAM	25	12	16.01	16.01	15.97	16.6	0
10	256QAM	25	25	16.12	16.15	15.98		
10	256QAM	50	0	15.89	16.00	15.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.49	16.53	16.55		
5	QPSK	1	12	16.39	16.37	16.48	16.6	0
5	QPSK	1	24	16.48	16.51	16.46		
5	QPSK	12	0	16.55	16.64	16.50		
5	QPSK	12	7	16.37	16.44	16.32	16.6	0
5	QPSK	12	13	16.38	16.52	16.35		
5	QPSK	25	0	16.52	16.46	16.42		
5	16QAM	1	0	16.54	16.81	16.42		
5	16QAM	1	12	16.45	16.46	16.33	16.6	0
5	16QAM	1	24	16.38	16.43	16.47		
5	16QAM	12	0	16.54	16.51	16.55		
5	16QAM	12	7	16.36	16.32	16.47	16.6	0
5	16QAM	12	13	16.53	16.44	16.56		
5	16QAM	25	0	16.60	16.49	16.36		
5	64QAM	1	0	16.58	16.50	16.44		
5	64QAM	1	12	16.42	16.40	16.54	16.6	0
5	64QAM	1	24	16.55	16.45	16.41		
5	64QAM	12	0	16.49	16.40	16.36		
5	64QAM	12	7	16.47	16.49	16.43	16.6	0
5	64QAM	12	13	16.36	16.43	16.45		
5	64QAM	25	0	16.42	16.44	16.40		
5	256QAM	1	0	16.11	16.05	16.14		
5	256QAM	1	12	16.07	16.13	15.97	16.6	0
5	256QAM	1	24	16.08	16.02	15.91		
5	256QAM	12	0	16.09	15.98	16.04		
5	256QAM	12	7	15.96	15.91	16.02	16.6	0
5	256QAM	12	13	16.14	16.15	15.99		
5	256QAM	25	0	15.93	16.01	15.96		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.50	16.52	16.43		
3	QPSK	1	8	16.49	16.51	16.46	16.6	0
3	QPSK	1	14	16.36	16.54	16.51		
3	QPSK	8	0	16.54	16.49	16.39		
3	QPSK	8	4	16.40	16.48	16.39	16.6	0
3	QPSK	8	7	16.53	16.54	16.46		
3	QPSK	15	0	16.42	16.60	16.47		
3	16QAM	1	0	16.55	16.60	16.40		
3	16QAM	1	8	16.53	16.46	16.28	16.6	0
3	16QAM	1	14	16.43	16.52	16.46		
3	16QAM	8	0	16.38	16.49	16.48		
3	16QAM	8	4	16.30	16.42	16.37	16.6	0
3	16QAM	8	7	16.50	16.44	16.51		
3	16QAM	15	0	16.47	16.37	16.43		
3	64QAM	1	0	16.61	16.43	16.58		
3	64QAM	1	8	16.37	16.49	16.47	16.6	0
3	64QAM	1	14	16.37	16.55	16.45		
3	64QAM	8	0	16.41	16.47	16.26		
3	64QAM	8	4	16.52	16.44	16.39	16.6	0
3	64QAM	8	7	16.42	16.46	16.57		
3	64QAM	15	0	16.47	16.43	16.44		
3	256QAM	1	0	16.20	16.07	16.15		
3	256QAM	1	8	16.14	16.12	16.03	16.6	0
3	256QAM	1	14	16.06	16.07	15.96		
3	256QAM	8	0	16.08	16.01	16.02		
3	256QAM	8	4	15.97	15.88	15.94	16.6	0
3	256QAM	8	7	16.09	16.12	15.95		
3	256QAM	15	0	15.88	15.99	15.87		
Channel				19900	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.49	16.62	16.55		
1.4	QPSK	1	3	16.50	16.51	16.45		
1.4	QPSK	1	5	16.32	16.57	16.50	16.6	0
1.4	QPSK	3	0	16.38	16.46	16.42		
1.4	QPSK	3	1	16.42	16.62	16.31		
1.4	QPSK	3	3	16.53	16.58	16.40		
1.4	QPSK	6	0	16.52	16.56	16.39	16.6	0
1.4	16QAM	1	0	16.48	16.56	16.35		
1.4	16QAM	1	3	16.62	16.54	16.42		
1.4	16QAM	1	5	16.36	16.52	16.44	16.6	0
1.4	16QAM	3	0	16.42	16.53	16.42		
1.4	16QAM	3	1	16.36	16.32	16.45		
1.4	16QAM	3	3	16.56	16.46	16.46		
1.4	16QAM	6	0	16.49	16.43	16.36	16.6	0
1.4	64QAM	1	0	16.45	16.46	16.48		
1.4	64QAM	1	3	16.37	16.38	16.58		
1.4	64QAM	1	5	16.46	16.53	16.56	16.6	0
1.4	64QAM	3	0	16.49	16.41	16.39		
1.4	64QAM	3	1	16.37	16.50	16.54		
1.4	64QAM	3	3	16.38	16.46	16.49		
1.4	64QAM	6	0	16.33	16.41	16.55	16.6	0
1.4	256QAM	1	0	16.07	16.03	16.02		
1.4	256QAM	1	3	16.10	16.07	15.92		
1.4	256QAM	1	5	16.08	15.94	15.92	16.6	0
1.4	256QAM	3	0	15.90	15.97	15.97		
1.4	256QAM	3	1	15.88	15.81	15.86		
1.4	256QAM	3	3	16.07	16.04	15.91		
1.4	256QAM	6	0	15.84	15.87	15.87	16.6	0

Band 5 Ant1

BW [MHz]	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	21.79	21.83	21.76		
10	QPSK	1	25	21.74	21.76	21.62	23	0
10	QPSK	1	49	21.69	21.68	21.69		
10	QPSK	25	0	20.67	20.78	20.66		
10	QPSK	25	12	20.72	20.61	20.70	22	1
10	QPSK	25	25	20.62	20.57	20.59		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.83	20.81	20.83		
10	16QAM	1	25	20.76	20.81	20.75	22

Band 12 Ant1

BW [MHz]	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	21.75	21.85	21.80	23	0
10	QPSK	1	25	21.71	21.70	21.64		
10	QPSK	1	49	21.56	21.61	21.66		
10	QPSK	25	0	20.76	20.83	20.78	22	1
10	QPSK	25	12	20.81	20.79	20.68		
10	QPSK	25	25	20.68	20.73	20.64		
10	QPSK	50	0	20.74	20.81	20.78		
10	16QAM	1	0	20.74	20.79	20.69	22	1
10	16QAM	1	25	20.88	20.82	20.69		
10	16QAM	1	49	20.89	20.75	20.73		
10	16QAM	25	0	19.98	19.92	19.89	21	2
10	16QAM	25	12	19.80	20.00	19.97		
10	16QAM	25	25	19.88	20.00	19.83		
10	16QAM	50	0	19.97	19.91	19.95		
10	64QAM	1	0	19.78	19.86	19.76	21	2
10	64QAM	1	25	19.94	19.85	19.89		
10	64QAM	1	49	19.82	19.89	19.78		
10	64QAM	25	0	18.95	18.93	19.02	20	3
10	64QAM	25	12	19.01	18.84	18.89		
10	64QAM	25	25	19.06	18.84	19.04		
10	64QAM	50	0	18.90	18.91	18.86		
10	256QAM	1	0	17.00	16.93	17.01	18	5
10	256QAM	1	25	16.81	16.98	17.03		
10	256QAM	1	49	16.85	16.99	16.83		
10	256QAM	25	0	16.80	16.85	16.73	18	5
10	256QAM	25	12	16.96	16.88	16.73		
10	256QAM	25	25	16.90	16.85	16.96		
10	256QAM	50	0	16.86	16.84	16.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.70	21.77	21.84	23	0
5	QPSK	1	12	21.60	21.75	21.52		
5	QPSK	1	24	21.65	21.69	21.48		
5	QPSK	12	0	20.56	20.77	20.63	22	1
5	QPSK	12	7	20.63	20.72	20.60		
5	QPSK	12	13	20.71	20.76	20.78		
5	QPSK	25	0	20.67	20.72	20.66		
5	16QAM	1	0	20.82	20.79	20.83	22	1
5	16QAM	1	12	20.91	21.01	20.87		
5	16QAM	1	24	20.79	20.80	20.89		
5	16QAM	12	0	19.75	19.79	19.72	21	2
5	16QAM	12	7	19.73	19.78	19.79		
5	16QAM	12	13	19.89	19.61	19.86		
5	16QAM	25	0	19.74	19.82	19.89		
5	64QAM	1	0	19.89	19.77	19.89	21	2
5	64QAM	1	12	19.77	19.68	19.80		
5	64QAM	1	24	19.83	19.69	19.94		
5	64QAM	12	0	18.95	18.83	18.70	20	3
5	64QAM	12	7	18.70	18.84	18.70		
5	64QAM	12	13	18.77	18.68	18.73		
5	64QAM	25	0	18.65	18.77	18.76		
5	256QAM	1	0	16.74	16.76	16.68	18	5
5	256QAM	1	12	16.63	16.79	16.62		
5	256QAM	1	24	16.78	16.77	16.82		
5	256QAM	12	0	16.82	16.72	16.79	18	5
5	256QAM	12	7	16.70	16.70	16.67		
5	256QAM	12	13	16.76	16.88	16.80		
5	256QAM	25	0	16.83	16.77	16.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.77	21.80	21.59	23	0
3	QPSK	1	8	21.59	21.72	21.54		
3	QPSK	1	14	21.71	21.69	21.49		
3	QPSK	8	0	20.59	20.78	20.69	22	1
3	QPSK	8	4	20.66	20.68	20.60		
3	QPSK	8	7	20.70	20.75	20.79		
3	QPSK	15	0	20.65	20.73	20.63		
3	16QAM	1	0	20.75	20.84	20.91	22	1
3	16QAM	1	8	20.89	20.97	20.80		
3	16QAM	1	14	20.77	20.82	20.86		
3	16QAM	8	0	19.75	19.82	19.80	21	2
3	16QAM	8	4	19.69	19.74	19.81		
3	16QAM	8	7	19.85	19.99	19.82		
3	16QAM	15	0	19.79	19.76	19.88		
3	64QAM	1	0	19.88	19.86	19.85	21	2
3	64QAM	1	8	19.71	19.74	19.83		
3	64QAM	1	14	19.84	19.78	19.92		
3	64QAM	8	0	18.93	18.75	18.72	20	3
3	64QAM	8	4	18.66	18.86	18.77		
3	64QAM	8	7	18.68	18.68	18.67		
3	64QAM	15	0	18.59	18.76	18.73		
3	256QAM	1	0	16.72	16.78	16.60	18	5
3	256QAM	1	8	16.62	16.82	16.61		
3	256QAM	1	14	16.78	16.83	16.85		
3	256QAM	8	0	16.80	16.70	16.82	18	5
3	256QAM	8	4	16.64	16.76	16.62		
3	256QAM	8	7	16.76	16.70	16.75		
3	256QAM	15	0	16.89	16.75	16.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 13 Ant1

BW [MHz]	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		22.37		24	0
10	QPSK	1	25		22.19			
10	QPSK	1	49		22.26			
10	QPSK	25	0		21.32		23	1
10	QPSK	25	12		21.19			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.30			
10	16QAM	1	0		21.36		23	1
10	16QAM	1	25		21.34			
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.25		22	2
10	16QAM	25	12		20.14			
10	16QAM	25	25		20.21			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.24		22	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.19			
10	64QAM	25	0		19.34		21	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.31			
10	64QAM	50	0		19.33			
10	256QAM	1	0		17.31		19	5
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.31			
10	256QAM	25	0		17.36		19	5
10	256QAM	25	12		17.38			
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.31	22.33	24	0
5	QPSK	1	12	22.12	22.09	22.12		
5	QPSK	1	24	22.13	22.21	22.21		
5	QPSK	12	0	21.27	21.28	21.25	23	1
5	QPSK	12	7	21.09	21.14	21.16		
5	QPSK	12	13	21.10	21.03	21.07		
5	QPSK	25	0	21.22	21.27	21.26		
5	16QAM	1	0	21.26	21.25	21.30	23	1
5	16QAM	1	12	21.29	21.24	21.28		
5	16QAM	1	24	21.33	21.31	21.31		
5	16QAM	12	0	20.14	20.19	20.17	22	2
5	16QAM	12	7	20.03	20.03	20.10		
5	16QAM	12	13	20.09	20.15	20.09		
5	16QAM	25	0	20.21	20.21	20.21		
5	64QAM	1	0	20.13	20.11	20.12	22	2
5	64QAM	1	12	20.02	20.08	20.05		
5	64QAM	1	24	20.12	20.13	20.12		
5	64QAM	12	0	19.27	19.28	19.24	21	3
5	64QAM	12	7	19.15	19.14	19.20		
5	64QAM	12	13	19.24	19.20	19.21		
5	64QAM	25	0	19.30	19.26	19.30		
5	256QAM	1	0	17.26	17.20	17.20	19	5
5	256QAM	1	12	17.28	17.36	17.32		
5	256QAM	1	24	17.19	17.21	17.20		
5	256QAM	12	0	17.26	17.28	17.25	19	5
5	256QAM	12	7	17.32	17.29	17.33		
5	256QAM	12	13	17.23	17.25	17.27		
5	256QAM	25	0	17.23	17.20	17.21		

Band 17 Ant1

BW [MHz]	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	21.75	21.81	21.77	23	0
10	QPSK	1	25	21.58	21.78	21.73		
10	QPSK	1	49	21.69	21.78	21.64		
10	QPSK	25	0	20.69	20.78	20.74	22	1
10	QPSK	25	12	20.76	20.75	20.77		
10	QPSK	25	25	20.73	20.74	20.65		
10	QPSK	50	0	20.70	20.75	20.57		
10	16QAM	1	0	20.61	20.68	20.75	22	1
10	16QAM	1	25	20.63	20.64	20.71		
10	16QAM	1	49	20.70	20.64	20.55		
10	16QAM	25	0	19.97	19.87	19.92	21	2
10	16QAM	25	12	19.86	19.76	19.92		
10	16QAM	25	25	19.99	19.82	19.95		
10	16QAM	50	0	19.94	19.85	19.72		
10	64QAM	1	0	19.85	19.78	19.87	21	2
10	64QAM	1	25	19.83	19.71	19.89		
10	64QAM	1	49	19.80	19.76	19.75		
10	64QAM	25	0	18.84	18.83	18.86	20	3
10	64QAM	25	12	18.88	18.83	18.94		
10	64QAM	25	25	18.72	18.80	18.71		
10	64QAM	50	0	18.79	18.81	18.80		
10	256QAM	1	0	16.93	16.83	16.85	18	5
10	256QAM	1	25	16.92	16.72	16.72		
10	256QAM	1	49	16.94	16.82	16.96		
10	256QAM	25	0	16.68	16.78	16.72	18	5
10	256QAM	25	12	16.72	16.88	16.89		
10	256QAM	25	25	16.84	16.75	16.74		
10	256QAM	50	0	16.66	16.69	16.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.72	21.74	21.82	23	0
5	QPSK	1	12	21.66	21.66	21.52		
5	QPSK	1	24	21.71	21.74	21.47		
5	QPSK	12	0	20.57	20.82	20.67	22	1
5	QPSK	12	7	20.66	20.72	20.62		
5	QPSK	12	13	20.67	20.77	20.75		
5	QPSK	25	0	20.59	20.81	20.66		
5	16QAM	1	0	20.83	20.85	20.86	22	1
5	16QAM	1	12	20.93	20.98	20.82		
5	16QAM	1	24	20.72	20.82	20.87		
5	16QAM	12	0	19.70	19.80	19.73	21	2
5	16QAM	12	7	19.67	19.74	19.81		
5	16QAM	12	13	19.90	19.63	19.70		
5	16QAM	25	0	19.75	19.75	19.82		
5	64QAM	1	0	19.91	19.84	19.86	21	2
5	64QAM	1	12	19.80	19.72	19.80		
5	64QAM	1	24	19.91	19.70	19.98		
5	64QAM	12	0	18.92	18.74	18.68	20	3
5	64QAM	12	7	18.84	18.91	18.76		
5	64QAM	12	13	18.71	18.68	18.72		
5	64QAM	25	0	18.60	18.80	18.79		
5	256QAM	1	0	16.73	16.76	16.59	18	5
5	256QAM	1	12	16.61	16.82	16.64		
5	256QAM	1	24	16.75	16.75	16.83		
5	256QAM	12	0	16.80	16.77	16.79	18	5
5	256QAM	12	7	16.70	16.71	16.60		
5	256QAM	12	13	16.71	16.68	16.71		
5	256QAM	25	0	16.87	16.80	16.67		

Band 25 Ant1

BW [MHz]	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	15.03	15.07	15.04	16.1	0
20	QPSK	1	49	15.04	14.99	14.92		
20	QPSK	1	99	14.97	14.96	14.89		
20	QPSK	50	0	15.04	15.05	14.88	16.1	0
20	QPSK	50	24	14.88	14.86	14.91		
20	QPSK	50	50	14.85	15.01	14.89		
20	QPSK	100	0	14.98	15.02	14.97		
20	16QAM	1	0	14.90	14.88	14.98	16.1	0
20	16QAM	1	49	14.90	14.95	14.97		
20	16QAM	1	99	14.90	14.90	14.96		
20	16QAM	50	0	14.96	14.96	14.89	16.1	0
20	16QAM	50	24	14.87	14.91	14.91		
20	16QAM	50	50	15.01	15.02	14.92		
20	16QAM	100	0	14.94	14.94	15.03		
20	64QAM	1	0	14.87	14.86	14.92	16.1	0
20	64QAM	1	49	14.93	15.04	14.95		
20	64QAM	1	99	15.05	15.05	15.04		
20	64QAM	50	0	14.96	15.02	14.93		
20	64QAM	50	24	14.85	14.90	14.89		
20	64QAM	50	50	14.91	14.97	14.89		
20	64QAM	100	0	14.98	14.96	14.95		
20	256QAM	1	0	15.04	14.89	14.87	16.1	0
20	256QAM	1	49	14.86	14.90	14.87		
20	256QAM	1	99	14.86	14.86	15.00		
20	256QAM	50	0	14.91	14.86	14.95	16.1	0
20	256QAM	50	24	15.00	14.90	14.94		
20	256QAM	50	50	15.04	14.86	14.89		
20	256QAM	100	0	14.95	15.01	14.98		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.97	14.93	14.83	16.1	0
15	QPSK	1	37	14.85	14.91	14.73		
15	QPSK	1	74	14.89	14.84	14.68		
15	QPSK	36	0	14.94	14.97	14.71	16.1	0
15	QPSK	36	20	14.81	14.65	14.80		
15	QPSK	36	39	14.81	14.89	14.73		
15	QPSK	75	0	14.87	14.93	14.77		
15	16QAM	1	0	14.82	14.66	14.79	16.1	0
15	16QAM	1	37	14.80	14.77	14.78		
15	16QAM	1	74	14.70	14.74	14.83		
15	16QAM	36	0	14.89	14.93	14.84	16.1	0
15	16QAM	36	20	14.79	14.70	14.84		
15	16QAM	36	39	14.91	14.90	14.77		
15	16QAM	75	0	14.84	14.78	14.95		
15	64QAM	1	0	14.78	14.75	14.79	16.1	0
15	64QAM	1	37	14.91	15.01	14.85		
15	64QAM	1	74	14.93	15.02	14.98		
15	64QAM	36	0	14.76	14.89	14.85	16.1	0
15	64QAM	36	20	14.81	14.68	14.86		
15	64QAM	36	39	14.88	14.93	14.87		
15	64QAM	75	0	14.76	14.84	14.79		
15	256QAM	1	0	15.00	14.68	14.71	16.1	0
15	256QAM	1	37	14.71	14.78	14.72		
15	256QAM	1	74	14.81	14.80	14.89		
15	256QAM	36	0	14.85	14.78	14.75	16.1	0
15	256QAM	36	20	14.85	14.70	14.92		
15	256QAM	36	39	14.83	14.70	14.86		
15	256QAM	75	0	14.81	14.95	14.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.86	15.02	14.89	16.1	0
10	QPSK	1	25	14.88	14.78	14.80		
10	QPSK	1	49	14.91	14.70	14.82		
10	QPSK	25	0	15.00	14.84	14.73	16.1	0
10	QPSK	25	12	14.68	14.67	14.69		
10	QPSK	25	25	14.79	14.99	14.69		
10	QPSK	50	0	14.90	14.99	14.89		
10	16QAM	1	0	14.88	14.75	14.87	16.1	0
10	16QAM	1	25	14.80	14.83	14.89		
10	16QAM	1	49	14.71	14.88	14.76		
10	16QAM	25	0	14.80	14.83	14.78	16.1	0
10	16QAM	25	12	14.81	14.76	14.85		
10	16QAM	25	25	14.98	14.84	14.82		
10	16QAM	50	0	14.75	14.83	14.96		
10	64QAM	1	0	14.72	14.77	14.90	16.1	0
10	64QAM	1	25	14.79	14.96	14.82		
10	64QAM	1	49	15.03	14.94	14.91		
10	64QAM	25	0	14.79	14.92	14.82	16.1	0
10	64QAM	25	12	14.76	14.70	14.85		
10	64QAM	25	25	14.83	14.75	14.70		
10	64QAM	50	0	14.76	14.83	14.86		
10	256QAM	1	0	14.96	14.75	14.77	16.1	0
10	256QAM	1	25	14.81	14.75	14.65		
10	256QAM	1	49	14.79	14.75	14.94		
10	256QAM	25	0	14.84	14.72	14.93	16.1	0
10	256QAM	25	12	14.91	14.69	14.88		
10	256QAM	25	25	14.91	14.70	14.68		
10	256QAM	50	0	14.83	14.88	14.89		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.99	14.98	14.91	16.1	0
5	QPSK	1	12	14.89	14.78	14.71		
5	QPSK	1	24	14.92	14.70	14.80		
5	QPSK	12	0	14.99	14.97	14.67	16.1	0
5	QPSK	12	7	14.76	14.71	14.77		
5	QPSK	12	13	14.80	14.92	14.74		
5	QPSK	25	0	14.80	14.96	14.80		
5	16QAM	1	0	14.87	14.70	14.83	16.1	0
5	16QAM	1	12	14.81	14.75	14.94		
5	16QAM	1	24	14.81	14.71	14.93		
5	16QAM	12	0	14.75	14.82	14.79	16.1	0
5	16QAM	12	7	14.79	14.74	14.83		
5	16QAM	12	13	14.97	14.99	14.75		
5	16QAM	25	0	14.73	14.76	14.99		
5	64QAM	1	0	14.65	14.74	14.80	16.1	0
5	64QAM	1	12	14.83	14.98	14.86		
5	64QAM	1	24	14.99	14.91	14.98		
5	64QAM	12	0	14.91	14.92	14.77	16.1	0
5	64QAM	12	7	14.70	14.87	14.74		
5	64QAM	12	13	14.75	14.77	14.83		
5	64QAM	25	0	14.84	14.86	14.90		
5	256QAM	1	0	14.87	14.70	14.76	16.1	0
5	256QAM	1	12	14.78	14.73	14.82		
5	256QAM	1	24	14.72	14.69	14.98		
5	256QAM	12	0	14.86	14.69	14.81	16.1	0
5	256QAM	12	7	14.87	14.81	14.81		
5	256QAM	12	13	14.92	14.78	14.80		
5	256QAM	25	0	14.91	14.86	14.79		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.84	14.98	14.89	16.1	0
3	QPSK	1	8	14.96	14.85	14.90		
3	QPSK	1	14	14.93	14.82	14.68		
3	QPSK	8	0	14.94	15.02	14.72	16.1	0
3	QPSK	8	4	14.78	14.80	14.71		
3	QPSK	8	7	14.71	14.92	14.68		
3	QPSK	15	0	14.82	14.86	14.94		
3	16QAM	1	0	14.75	14.83	14.88	16.1	0
3	16QAM	1	8	14.80	14.90	14.78		
3	16QAM	1	14	14.73	14.70	14.90		
3	16QAM	8	0	14.88	14.85	14.68	16.1	0
3	16QAM	8	4	14.73	14.78	14.70		
3	16QAM	8	7	14.88	14.85	14.90		
3	16QAM	15	0	14.80	14.85	15.00		
3	64QAM	1	0	14.73	14.77	14.85	16.1	0
3	64QAM	1	8	14.89	14.86	14.92		
3	64QAM	1	14	14.94	14.92	14.86		
3	64QAM	8	0	14.92	14.92	14.90	16.1	0
3	64QAM	8	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				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.94	21.99	21.96	23	0
15	QPSK	1	37	21.93	21.84	21.98		
15	QPSK	1	74	21.73	21.83	21.81		
15	QPSK	36	0	20.88	20.95	20.73	22	1
15	QPSK	36	20	20.77	20.77	20.79		
15	QPSK	36	39	20.78	20.84	20.85		
15	QPSK	75	0	20.65	20.91	20.74		
15	16QAM	1	0	20.89	20.93	20.93	22	1
15	16QAM	1	37	21.03	20.82	20.95		
15	16QAM	1	74	21.01	20.86	20.95		
15	16QAM	36	0	19.97	19.94	20.06	21	2
15	16QAM	36	20	19.89	19.94	20.02		
15	16QAM	36	39	19.84	19.92	20.07		
15	16QAM	75	0	19.99	19.93	20.00		
15	64QAM	1	0	19.96	19.89	19.82	21	2
15	64QAM	1	37	19.78	19.94	20.00		
15	64QAM	1	74	19.88	20.01	19.92		
15	64QAM	36	0	18.84	18.96	18.99	20	3
15	64QAM	36	20	18.96	18.94	19.06		
15	64QAM	36	39	19.05	18.92	18.86		
15	64QAM	75	0	18.80	18.91	19.01		
15	256QAM	1	0	17.13	17.06	17.16	18	5
15	256QAM	1	37	17.05	16.97	17.16		
15	256QAM	1	74	16.97	17.08	17.10		
15	256QAM	36	0	17.11	17.01	17.05	18	5
15	256QAM	36	20	16.92	17.09	16.92		
15	256QAM	36	39	16.88	16.93	16.91		
15	256QAM	75	0	16.91	16.98	16.90		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.53	21.55	21.55	23	0
10	QPSK	1	25	21.59	21.37	21.40		
10	QPSK	1	49	21.56	21.46	21.37		
10	QPSK	25	0	20.53	20.70	20.69	22	1
10	QPSK	25	12	20.57	20.64	20.46		
10	QPSK	25	25	20.50	20.59	20.63		
10	QPSK	50	0	20.54	20.62	20.44		
10	16QAM	1	0	20.63	20.59	20.57	22	1
10	16QAM	1	25	20.70	20.47	20.73		
10	16QAM	1	49	20.61	20.57	20.61		
10	16QAM	25	0	19.65	19.58	19.59	21	2
10	16QAM	25	12	19.66	19.51	19.55		
10	16QAM	25	25	19.66	19.62	19.67		
10	16QAM	50	0	19.40	19.53	19.60		
10	64QAM	1	0	19.68	19.53	19.44	21	2
10	64QAM	1	25	19.66	19.49	19.47		
10	64QAM	1	49	19.64	19.50	19.63		
10	64QAM	25	0	18.57	18.54	18.65	20	3
10	64QAM	25	12	18.67	18.52	18.65		
10	64QAM	25	25	18.58	18.63	18.53		
10	64QAM	50	0	18.45	18.62	18.59		
10	256QAM	1	0	16.61	16.60	16.66	18	5
10	256QAM	1	25	16.67	16.58	16.49		
10	256QAM	1	49	16.53	16.47	16.56		
10	256QAM	25	0	16.52	16.52	16.46	18	5
10	256QAM	25	12	16.42	16.35	16.33		
10	256QAM	25	25	16.55	16.39	16.55		
10	256QAM	50	0	16.45	16.60	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.53	21.55	21.50	23	0
5	QPSK	1	12	21.56	21.39	21.42		
5	QPSK	1	24	21.50	21.47	21.30		
5	QPSK	12	0	20.54	20.69	20.61	22	1
5	QPSK	12	7	20.57	20.61	20.49		
5	QPSK	12	13	20.44	20.50	20.60		
5	QPSK	25	0	20.52	20.60	20.48		
5	16QAM	1	0	20.66	20.58	20.58	22	1
5	16QAM	1	12	20.67	20.52	20.70		
5	16QAM	1	24	20.66	20.58	20.70		
5	16QAM	12	0	19.64	19.56	19.56	21	2
5	16QAM	12	7	19.65	19.56	19.56		
5	16QAM	12	13	19.65	19.58	19.64		
5	16QAM	25	0	19.46	19.50	19.56		
5	64QAM	1	0	19.65	19.58	19.50	21	2
5	64QAM	1	12	19.64	19.49	19.45		
5	64QAM	1	24	19.73	19.50	19.64		
5	64QAM	12	0	18.63	18.60	18.62	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.62	18.67	18.52		
5	64QAM	25	0	18.51	18.64	18.53		
5	256QAM	1	0	16.57	16.59	16.67	18	5
5	256QAM	1	12	16.73	16.62	16.53		
5	256QAM	1	24	16.53	16.50	16.56		
5	256QAM	12	0	16.55	16.51	16.46	18	5
5	256QAM	12	7	16.40	16.36	16.36		
5	256QAM	12	13	16.55	16.34	16.58		
5	256QAM	25	0	16.49	16.51	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.49	21.61	21.54	23	0
3	QPSK	1	8	21.57	21.35	21.46		
3	QPSK	1	14	21.55	21.46	21.37		
3	QPSK	8	0	20.50	20.66	20.68	22	1
3	QPSK	8	4	20.57	20.61	20.51		
3	QPSK	8	7	20.45	20.49	20.67		
3	QPSK	15	0	20.48	20.59	20.46		
3	16QAM	1	0	20.67	20.53	20.61	22	1
3	16QAM	1	8	20.64	20.52	20.67		
3	16QAM	1	14	20.61	20.52	20.68		
3	16QAM	8	0	19.62	19.57	19.55	21	2
3	16QAM	8	4	19.64	19.54	19.59		
3	16QAM	8	7	19.67	19.59	19.68		
3	16QAM	15	0	19.41	19.57	19.55		
3	64QAM	1	0	19.68	19.55	19.47	21	2
3	64QAM	1	8	19.66	19.51	19.47		
3	64QAM	1	14	19.72	19.49	19.59		
3	64QAM	8	0	18.60	18.54	18.62	20	3
3	64QAM	8	4	18.67	18.55	18.60		
3	64QAM	8	7	18.58	18.59	18.51		
3	64QAM	15	0	18.47	18.59	18.59		
3	256QAM	1	0	16.62	16.53	16.67	18	5
3	256QAM	1	8	16.71	16.60	16.48		
3	256QAM	1	14	16.51	16.46	16.49		
3	256QAM	8	0	16.56	16.40	16.40	18	5
3	256QAM	8	4	16.39	16.33	16.39		
3	256QAM	8	7	16.56	16.40	16.56		
3	256QAM	15	0	16.47	16.59	16.48		
Channel				26907	26865	27003	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.16	15.21	15.18	16.6	0
20	QPSK	1	49	15.15	15.16	15.11		
20	QPSK	1	99	15.13	15.15	15.13		
20	QPSK	50	0	15.03	15.19	15.15	16.6	0
20	QPSK	50	24	15.05	15.05	14.96		
20	QPSK	50	50	15.05	15.09	15.10		
20	QPSK	100	0	15.06	15.17	14.95		
20	16QAM	1	0	15.03	14.97	15.03	16.6	0
20	16QAM	1	49	15.04	15.02	15.18		
20	16QAM	1	99	15.04	15.18	14.97		
20	16QAM	50	0	15.08	15.07	15.12	16.6	0
20	16QAM	50	24	15.18	14.95	15.06		
20	16QAM	50	50	15.14	15.08	15.13		
20	16QAM	100	0	15.05	15.03	14.93		
20	64QAM	1	0	15.03	15.14	15.10	16.6	0
20	64QAM	1	49	15.11	15.15	15.14		
20	64QAM	1	99	14.96	15.12	15.05		
20	64QAM	50	0	15.07	15.14	15.09	16.6	0
20	64QAM	50	24	15.17	14.99	15.13		
20	64QAM	50	50	15.15	14.94	14.93		
20	64QAM	100	0	14.94	15.17	15.07	16.6	0
20	256QAM	1	0	15.13	15.13	15.16		
20	256QAM	1	49	14.97	15.03	14.92		
20	256QAM	1	99	15.09	14.98	14.97		
20	256QAM	50	0	15.07	15.06	15.08	16.6	0
20	256QAM	50	24	15.05	15.08	15.07		
20	256QAM	50	50	15.12	15.03	14.94		
20	256QAM	100	0	14.93	14.99	14.99		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.04	15.14	15.02	16.6	0
15	QPSK	1	37	15.12	14.96	14.94		
15	QPSK	1	74	14.93	15.06	14.95		
15	QPSK	36	0	14.92	14.98	14.96	16.6	0
15	QPSK	36	20	14.84	14.85	14.82		
15	QPSK	36	39	14.83	14.88	15.03		
15	QPSK	75	0	15.02	15.03	14.74		
15	16QAM	1	0	14.92	14.95	14.90	16.6	0
15	16QAM	1	37	14.93	14.93	14.97		
15	16QAM	1	74	14.98	15.01	14.94		
15	16QAM	36	0	14.87	15.04	15.08	16.6	0
15	16QAM	36	20	15.09	14.74	14.92		
15	16QAM	36	39	15.07	15.02	14.98		
15	16QAM	75	0	14.93	14.85	14.80		
15	64QAM	1	0	14.94	15.00	14.97	16.6	0
15	64QAM	1	37	15.02	14.93	14.99		
15	64QAM	1	74	14.86	14.97	14.96		
15	64QAM	36	0	15.04	14.98	15.01	16.6	0
15	64QAM	36	20	15.07	14.94	15.04		
15	64QAM	36	39	15.00	14.81	14.83		
15	64QAM	75	0	14.90	15.04	14.86		
15	256QAM	1	0	15.03	14.97	14.97	16.6	0
15	256QAM	1	37	14.94	14.89	14.70		
15	256QAM	1	74	14.94	14.93	14.77		
15	256QAM	36	0	14.98	14.84	14.99	16.6	0
15	256QAM	36	20	14.88	14.88	14.91		
15	256QAM	36	39	14.90	14.94	14.84		
15	256QAM	75	0	14.72	14.87	14.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.13	15.02	15.14	16.6	0
10	QPSK	1	25	15.06	15.14	15.08		
10	QPSK	1	49	15.03	15.07	15.02		
10	QPSK	25	0	14.89	15.15	15.09	16.6	0
10	QPSK	25	12	15.02	14.90	14.91		
10	QPSK	25	25	14.94	14.93	14.90		
10	QPSK	50	0	15.01	15.04	14.93		
10	16QAM	1	0	14.92	14.75	14.97	16.6	0
10	16QAM	1	25	14.94	14.96	15.00		
10	16QAM	1	49	14.94	15.10	14.76		
10	16QAM	25	0	15.02	15.01	15.08	16.6	0
10	16QAM	25	12	15.00	14.79	14.90		
10	16QAM	25	25	15.04	15.00	14.94		
10	16QAM	50	0	14.85	14.94	14.89		
10	64QAM	1	0	14.94	15.11	15.03	16.6	0
10	64QAM	1	25	15.05	14.97	14.92		
10	64QAM	1	49	14.92	15.05	15.02		
10	64QAM	25	0	14.88	15.11	14.99	16.6	0
10	64QAM	25	12	15.00	14.92	15.04		
10	64QAM	25	25	15.06	14.85	14.80		
10	64QAM	50	0	14.75	15.11	15.01	16.6	0
10	256QAM	1	0	15.03	15.10	14.99		
10	256QAM	1	25	14.80	14.84	14.82		
10	256QAM	1	49	14.87	14.85	14.85		
10	256QAM	25	0	14.88	14.96	14.95	16.6	0
10	256QAM	25	12	14.90	14.87	14.87		
10	256QAM	25	25	15.09	14.90	14.83		
10	256QAM	50	0	14.76	14.81	14.78		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.12	15.13	15.09	16.6	0
5	QPSK	1	12	15.01	15.13	15.01		
5	QPSK	1	24	14.94	15.13	15.00		
5	QPSK	12	0	14.84	14.99	15.12	16.6	0
5	QPSK	12	7	15.01	14.98	14.85		
5	QPSK	12	13	14.85	15.01	14.96		
5	QPSK	25	0	14.98	14.99	14.82	16.6	0
5	16QAM	1	0	14.85	14.76	14.92		
5	16QAM	1	12	14.99	14.84	15.06		
5	16QAM	1	24	14.98	14.97	14.82		
5	16QAM	12	0	15.00	14.92	14.92	16.6	0
5	16QAM	12	7	15.02	14.80	15.03		
5	16QAM	12	13	15.02	14.86	15.11		
5	16QAM	25	0	14.93	14.94	14.89		
5	64QAM	1	0	14.87	15.00	14.97	16.6	0
5	64QAM	1	12	15.04	14.96	14.98		
5	64QAM	1	24	14.75	15.08	14.91		
5	64QAM	12	0	15.04	15.01	14.89	16.6	0
5	64QAM	12	7	15.07	14.78	15.03		
5	64QAM	12	13	15.01	14.87	14.76		
5	64QAM	25	0	14.86	15.08	15.02		
5	256QAM	1	0	14.97	14.90	15.00	16.6	0
5	256QAM	1	12	14.88	14.83	14.84		
5	256QAM	1	24	14.95	14.77	14.93		
5	256QAM	12	0	14.94	14.87	15.05	16.6	0
5	256QAM	12	7	14.87	14.93	14.98		
5	256QAM	12	13	14.96	14.97	14.88		
5	256QAM	25	0	14.81	14.77	14.82		
Channel				131957	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.09	15.03	15.08	16.6	0
3	QPSK	1	8	14.95	15.10	14.90		
3	QPSK	1	14	14.99	14.96	14.95		
3	QPSK	8	0	14.84	14.97	15.08	16.6	0
3	QPSK	8	4	14.83	15.01	14.86		
3	QPSK	8	7	14.97	14.87	14.88		
3	QPSK	15	0	14.85	15.04	14.79	16.6	0
3	16QAM	1	0	14.98	14.94	14.99		
3	16QAM	1	8	14.84	14.83	15.15		
3	16QAM	1	14	14.94	15.00	14.94		
3	16QAM	8	0	14.92	15.02	15.03	16.6	0
3	16QAM	8	4	15.06	14.81	14.94		
3	16QAM	8	7	15.08	15.05	14.91		
3	16QAM	15	0	14.97	14.82	14.84	16.6	0
3	64QAM	1	0	14.83	15.05	14.93		
3	64QAM	1	8	14.91	14.99	15.04		
3	64QAM	1	14	14.85	15.00	14.92		
3	64QAM	8	0	14.90	14.99	15.03	16.6	0
3	64QAM	8	4	15.11	14.86	14.91		
3	64QAM	8	7	15.01	14.79	14.78		
3	64QAM	15	0	14.87	14.96	14.99	16.6	0
3	256QAM	1	0	14.98	15.01	15.14		
3	256QAM	1	8	14.77	14.95	14.85		
3	256QAM	1	14	15.06	14.82	14.84		
3	256QAM	8	0	14.90	15.01	14.86	16.6	0
3	256QAM	8	4	14.86	14.96	14.85		
3	256QAM	8	7	15.07	14.82	14.80		
3	256QAM	15	0	14.76	14.82	14.88		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.06	15.17	14.98	16.6	0
1.4	QPSK	1	3	14.94	15.05	15.07		
1.4	QPSK	1	5	15.10	15.02	14.95		
1.4	QPSK	3	0	14.94	14.99	14.98		
1.4	QPSK	3	1	14.93	14.95	14.91		
1.4	QPSK	3	3	14.89	14.93	14.94		
1.4	QPSK	6	0	14.97	15.00	14.93	16.6	0
1.4	16QAM	1	0	14.87	14.92	14.88	16.6	0
1.4	16QAM	1	3	14.94	14.83	15.02		
1.4	16QAM	1	5	14.93	14.96	14.80		
1.4	16QAM	3	0	14.86	14.90	15.07		
1.4	16QAM	3	1	15.05	14.81	14.85		
1.4	16QAM	3	3	15.10	14.98	15.00		
1.4	16QAM	6	0	14.88	14.95	14.74	16.6	0
1.4	64QAM	1	0	14.88	14.94	15.05	16.6	0
1.4	64QAM	1	3	14.99	14.96	15.04		
1.4	64QAM	1	5	14.90	15.10	14.93		
1.4	64QAM	3	0	15.01	15.12	14.97		
1.4	64QAM	3	1	15.03	14.83	14.92		
1.4	64QAM	3	3	15.04	14.73	14.73		
1.4	64QAM	6	0	14.89	15.11	15.00	16.6	0
1.4	256QAM	1	0	15.05	14.97	15.07	16.6	0
1.4	256QAM	1	3	14.81	14.96	14.90		
1.4	256QAM	1	5	14.99	14.94	14.76		
1.4	256QAM	3	0	15.01	14.99	15.03		
1.4	256QAM	3	1	15.03	15.02	14.98		
1.4	256QAM	3	3	15.04	14.95	14.89		
1.4	256QAM	6	0	14.78	14.84	14.86	16.6	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.03	22.11	21.97	23	0
20	QPSK	1	49	22.02	22.06	21.82		
20	QPSK	1	99	21.97	21.87	21.89		
20	QPSK	50	0	21.03	21.06	20.88	22	1
20	QPSK	50	24	20.96	20.92	20.93		
20	QPSK	50	50	20.95	20.86	20.90		
20	QPSK	100	0	20.92	21.01	20.94		
20	16QAM	1	0	21.09	20.98	21.03	22	1
20	16QAM	1	49	21.10	21.01	20.93		
20	16QAM	1	99	20.87	21.00	20.86		
20	16QAM	50	0	20.25	20.18	20.24	21	2
20	16QAM	50	24	20.09	20.16	20.11		
20	16QAM	50	50	20.08	20.09	20.19		
20	16QAM	100	0	20.20	20.10	20.05		
20	64QAM	1	0	20.08	20.09	20.11	21	2
20	64QAM	1	49	20.08	20.05	20.05		
20	64QAM	1	99	20.19	20.20	20.14		
20	64QAM	50	0	19.04	19.14	19.24	20	3
20	64QAM	50	24	19.17	19.18	19.05		
20	64QAM	50	50	19.27	19.24	19.08		
20	64QAM	100	0	19.28	19.18	19.06		
20	256QAM	1	0	17.20	17.13	17.01	18	5
20	256QAM	1	49	17.06	17.03	17.06		
20	256QAM	1	99	17.10	17.01	17.06		
20	256QAM	50	0	17.15	17.08	17.10	18	5
20	256QAM	50	24	17.01	17.06	17.05		
20	256QAM	50	50	17.20	17.00	17.21		
20	256QAM	100	0	16.94	17.01	17.13		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.95	21.99	21.94	23	0
15	QPSK	1	37	21.94	21.96	21.70		
15	QPSK	1	74	21.91	21.82	21.81		
15	QPSK	36	0	20.96	20.97	20.81	22	1
15	QPSK	36	20	20.87	20.81	20.89		
15	QPSK	36	39	20.86	20.81	20.79		
15	QPSK	75	0	20.88	20.95	20.91		
15	16QAM	1	0	21.02	20.89	20.95	22	1
15	16QAM	1	37	20.99	20.90	20.90		
15	16QAM	1	74	20.77	20.91	20.83		
15	16QAM	36	0	20.13	20.14	20.12	21	2
15	16QAM	36

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BW [MHz]	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	18.25	18.33	18.31	19.4	0
20	QPSK	1	49	18.13	18.17	18.14		
20	QPSK	1	99	18.17	18.14	18.14		
20	QPSK	50	0	18.21	18.31	18.29	19.4	0
20	QPSK	50	24	18.23	18.30	18.27		
20	QPSK	50	50	18.28	18.19	18.25		
20	QPSK	100	0	18.25	18.29	18.22		
20	16QAM	1	0	18.26	18.10	18.30	19.4	0
20	16QAM	1	49	18.12	18.32	18.26		
20	16QAM	1	99	18.24	18.10	18.18		
20	16QAM	50	0	18.15	18.27	18.23	19.4	0
20	16QAM	50	24	18.18	18.15	18.25		
20	16QAM	50	50	18.15	18.31	18.15		
20	16QAM	100	0	18.26	18.27	18.28		
20	64QAM	1	0	18.19	18.19	18.16	19.4	0
20	64QAM	1	49	18.29	18.11	18.30		
20	64QAM	1	99	18.27	18.19	18.16		
20	64QAM	50	0	17.95	18.00	18.06	19.4	0
20	64QAM	50	24	18.13	18.05	18.02		
20	64QAM	50	50	17.87	17.90	17.92		
20	64QAM	100	0	18.03	18.12	18.11		
20	256QAM	1	0	16.55	16.62	16.65	17.9	1.5
20	256QAM	1	49	16.60	16.62	16.57		
20	256QAM	1	99	16.64	16.73	16.74		
20	256QAM	50	0	16.64	16.59	16.56	17.9	1.5
20	256QAM	50	24	16.68	16.56	16.64		
20	256QAM	50	50	16.56	16.60	16.60		
20	256QAM	100	0	16.71	16.68	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.05	18.26	18.20	19.4	0
15	QPSK	1	37	18.02	17.99	18.04		
15	QPSK	1	74	18.09	18.03	18.01		
15	QPSK	36	0	18.06	18.17	18.26	19.4	0
15	QPSK	36	20	18.04	18.24	18.23		
15	QPSK	36	39	18.11	18.17	18.09		
15	QPSK	75	0	18.19	18.22	18.18		
15	16QAM	1	0	18.21	17.89	18.28	19.4	0
15	16QAM	1	37	18.09	18.14	18.10		
15	16QAM	1	74	18.11	17.96	18.09		
15	16QAM	36	0	18.00	18.08	18.04	19.4	0
15	16QAM	36	20	17.96	18.10	18.17		
15	16QAM	36	39	18.10	18.27	18.03		
15	16QAM	75	0	18.23	18.09	18.24		
15	64QAM	1	0	18.07	18.15	17.98	19.4	0
15	64QAM	1	37	18.26	17.99	18.25		
15	64QAM	1	74	18.06	18.01	18.00		
15	64QAM	36	0	17.83	17.92	17.94	19.4	0
15	64QAM	36	20	18.04	17.83	17.94		
15	64QAM	36	39	17.79	17.71	17.89		
15	64QAM	75	0	17.88	18.09	18.04		
15	256QAM	1	0	16.38	16.44	16.46	17.9	1.5
15	256QAM	1	37	16.51	16.48	16.45		
15	256QAM	1	74	16.48	16.58	16.68		
15	256QAM	36	0	16.54	16.56	16.50	17.9	1.5
15	256QAM	36	20	16.51	16.49	16.59		
15	256QAM	36	39	16.40	16.45	16.50		
15	256QAM	75	0	16.53	16.60	16.57		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.18	18.14	18.19	19.4	0
10	QPSK	1	25	18.09	18.03	18.06		
10	QPSK	1	49	17.95	17.93	18.02		
10	QPSK	25	0	18.17	18.14	18.10	19.4	0
10	QPSK	25	12	18.12	18.18	18.24		
10	QPSK	25	25	18.20	18.09	18.18		
10	QPSK	50	0	18.13	18.22	18.12		
10	16QAM	1	0	18.11	17.94	18.19	19.4	0
10	16QAM	1	25	18.10	18.18	18.17		
10	16QAM	1	49	18.03	18.06	18.15		
10	16QAM	25	0	18.11	18.15	18.18	19.4	0
10	16QAM	25	12	18.02	18.07	18.09		
10	16QAM	25	25	17.95	18.22	17.96		
10	16QAM	50	0	18.23	18.06	18.09		
10	64QAM	1	0	18.00	18.13	18.10	19.4	0
10	64QAM	1	25	18.26	18.04	18.26		
10	64QAM	1	49	18.23	18.04	18.04		
10	64QAM	25	0	17.89	17.93	17.84	19.4	0
10	64QAM	25	12	17.98	17.94	17.90		
10	64QAM	25	25	17.72	17.78	17.84		
10	64QAM	50	0	17.83	18.00	18.06		
10	256QAM	1	0	16.47	16.59	16.49	17.9	1.5
10	256QAM	1	25	16.41	16.40	16.44		
10	256QAM	1	49	16.48	16.51	16.68		
10	256QAM	25	0	16.50	16.37	16.46	17.9	1.5
10	256QAM	25	12	16.50	16.41	16.51		
10	256QAM	25	25	16.47	16.41	16.44		
10	256QAM	50	0	16.67	16.63	16.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.13	18.19	18.14	19.4	0
5	QPSK	1	12	17.97	18.04	18.10		
5	QPSK	1	24	17.95	18.11	18.08		
5	QPSK	12	0	18.13	18.20	18.26	19.4	0
5	QPSK	12	7	18.13	18.15	18.16		
5	QPSK	12	13	18.10	18.08	18.11		
5	QPSK	25	0	18.05	18.10	18.16		
5	16QAM	1	0	18.24	17.92	18.17	19.4	0
5	16QAM	1	12	18.06	18.26	18.07		
5	16QAM	1	24	18.18	17.96	18.12		
5	16QAM	12	0	18.07	18.17	18.15	19.4	0
5	16QAM	12	7	18.14	17.99	18.04		
5	16QAM	12	13	18.05	18.14	18.11		
5	16QAM	25	0	18.23	18.12	18.21		
5	64QAM	1	0	18.15	18.11	18.06	19.4	0
5	64QAM	1	12	18.11	17.96	18.20		
5	64QAM	1	24	18.10	18.04	17.96		
5	64QAM	12	0	17.83	17.90	17.98	19.4	0
5	64QAM	12	7	17.93	17.91	17.87		
5	64QAM	12	13	17.74	17.75	17.84		
5	64QAM	25	0	17.86	17.99	18.02		
5	256QAM	1	0	16.41	16.57	16.56	17.9	1.5
5	256QAM	1	12	16.45	16.49	16.44		
5	256QAM	1	24	16.59	16.58	16.66		
5	256QAM	12	0	16.45	16.42	16.43	17.9	1.5
5	256QAM	12	7	16.57	16.40	16.55		
5	256QAM	12	13	16.35	16.41	16.54		
5	256QAM	25	0	16.60	16.55	16.41		

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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	18.33	18.32	18.36	18.25	18.28	19.4	0
20	QPSK	1	49	18.10	18.17	18.09	18.10	18.19		
20	QPSK	1	99	18.11	18.21	18.19	18.20	18.27		
20	QPSK	50	0	18.24	18.23	18.32	18.15	18.25	19.4	0
20	QPSK	50	24	18.30	18.27	18.11	18.13	18.20		
20	QPSK	50	50	18.21	18.23	18.25	18.30	18.12		
20	QPSK	100	0	18.15	18.27	18.28	18.25	18.10		
20	16QAM	1	0	18.13	18.11	18.29	18.10	18.30	19.4	0
20	16QAM	1	49	18.14	18.12	18.32	18.32	18.16		
20	16QAM	1	99	18.31	18.30	18.09	18.28	18.32		
20	16QAM	50	0	18.25	18.10	18.28	18.09	18.11	19.4	0
20	16QAM	50	24	18.21	18.24	18.23	18.09	18.13		
20	16QAM	50	50	18.13	18.17	18.09	18.26	18.18		
20	16QAM	100	0	18.10	18.23	18.18	18.20	18.25		
20	64QAM	1	0	18.18	18.30	18.23	18.12	18.31	19.4	0
20	64QAM	1	49	18.27	18.14	18.17	18.18	18.29		
20	64QAM	1	99	18.21	18.22	18.10	18.23	18.20		
20	64QAM	50	0	17.85	17.92	18.04	18.00	17.86	19.4	0
20	64QAM	50	24	18.19	18.09	18.11	17.90	18.09		
20	64QAM	50	50	17.94	17.76	17.78	17.91	17.84		
20	64QAM	100	0	18.04	17.95	18.25	17.98	18.16		
20	256QAM	1	0	17.04	17.00	16.98	16.95	17.03	17.9	1.5
20	256QAM	1	49	17.09	16.97	17.05	17.09	16.91		
20	256QAM	1	99	16.93	17.11	16.90	16.86	17.03		
20	256QAM	50	0	17.05	16.91	16.96	16.84	17.02	17.9	1.5
20	256QAM	50	24	16.89	17.03	16.85	16.87	16.85		
20	256QAM	50	50	17.03	16.89	16.86	16.84	17.03		
20	256QAM	100	0	16.85	16.99	16.92	16.89	16.82		
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	18.16	18.19	18.32	18.14	18.17	19	0
15	QPSK	1	37	18.06	17.98	17.88	17.99	18.01		
15	QPSK	1	74	17.93	18.13	18.04	18.03	18.20		
15	QPSK	36	0	18.13	18.07	18.15	18.00	18.12	19.4	0
15	QPSK	36	20	18.15	18.12	18.08	18.10	18.17		
15	QPSK	36	39	18.04	18.20	18.10	18.17	17.98		
15	QPSK	75	0	18.04	18.07	18.22	18.20	18.03		
15	16QAM	1	0	18.01	18.07	18.18	17.89	18.21	19.4	0
15	16QAM	1	37	18.05	18.03	18.13	18.23	18.02		
15	16QAM	1	74	18.09	18.12	18.06	18.20	18.21		
15	16QAM	36	0	18.10	18.01	18.17	18.07	18.05	19.4	0
15	16QAM	36	20	18.07	18.12	18.02	18.07	17.98		
15	16QAM	36	39	18.05	17.99	17.93	18.19	18.15		
15	16QAM	75	0	17.93	18.20	18.16	18.17	18.14		
15	64QAM	1	0	18.01	18.11	18.02	18.07	18.21	19.4	0
15	64QAM	1	37	18.15	17.95	18.02	18.09	18.20		
15	64QAM	1	74	18.12	18.15	17.92	18.06	18.10		
15	64QAM	36	0	17.78	17.72	17.86	17.93	17.74	19.4	0
15	64QAM	36	20	18.03	17.98	18.03	17.75	17.95		
15	64QAM	36	39	17.81	17.71	17.73	17.73	17.77		
15	64QAM	75	0	17.84	17.77	18.07	17.80	18.00		
15	256QAM	1	0	16.89	16.81	16.89	16.88	16.95	17.9	1.5
15	256QAM	1	37	16.93	16.91	16.93	17.03	16.71		
15	256QAM	1	74	16.74	17.02	16.69	16.66	16.92		
15	256QAM	36	0	16.94	16.73	16.89	16.70	16.92	17.9	1.5
15	256QAM	36	20	16.74	16.93	16.67	16.77	16.77		
15	256QAM	36	39	16.89	16.68	16.71	16.69	16.85		
15	256QAM	75	0	16.77	16.84	16.86	16.82	16.79		
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	18.27	18.28	18.18	18.10	19	0
10	QPSK	1	25	18.07	18.11	17.89	18.05	18.15		
10	QPSK	1	49	18.05	18.01	18.03	18.15	18.06		
10	QPSK	25	0	18.08	18.10	18.24	18.02	18.14	19.4	0
10	QPSK	25	12	18.09	18.22	17.99	17.94	18.02		
10	QPSK	25	25	18.16	18.06	18.17	18.21	17.95		
10	QPSK	50	0	18.02	18.14	18.21	18.06	17.89		
10	16QAM	1	0	18.02	17.93	18.14	18.00	18.21	19.4	0
10	16QAM	1	25	17.94	17.93	18.13	18.17	17.97		
10	16QAM	1	49	18.18	18.21	17.93	18.21	18.22		
10	16QAM	25	0	18.20	17.92	18.24	17.90	17.92	19.4	0
10	16QAM	25	12	18.01	18.11	18.11	17.96	17.98		
10	16QAM	25	25	18.01	18.05	18.07	18.05	18.14		
10	16QAM	50	0	17.94	18.11	18.02	18.01	18.12		
10	64QAM	1	0	17.99	18.12	18.12	17.98	18.12	19.4	0
10	64QAM	1	25	18.13	18.01	18.12	17.99	18.21		
10	64QAM	1	49	18.10	18.14	17.99	18.02	18.17		
10	64QAM	25	0	17.76	17.87	18.02	17.91	17.95	19.4	0
10	64QAM	25	12	18.07	17.91	18.03	17.83	18.06		
10	64QAM	25	25	17.77	17.70	18.03	17.87	17.79		
10	64QAM	50	0	17.84	17.87	18.19	17.77	18.07		
10	256QAM	1	0	16.95	16.81	16.84	16.74	16.96	17.9	1.5
10	256QAM	1	25	16.99	16.79	16.90	16.89	16.77		
10	256QAM	1	49	16.80	17.08	16.86	16.72	16.86		
10	256QAM	25	0	17.00	16.71	16.93	16.68	16.97	17.9	1.5
10	256QAM	25	12	16.79	16.82	16.66	16.71	16.67		
10	256QAM	25	25	16.83	16.80	16.77	16.71	16.84		
10	256QAM	50	0	16.77	16.88	16.76	16.71	16.71		
Channel				39675	40135	40595	41055	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.22	18.19	18.20	18.11	18.16	19	0
5	QPSK	1	12	17.95	17.98	17.92	18.02	18.11		
5	QPSK	1	24	18.04	18.12	17.99	17.99	18.10		
5	QPSK	12	0	18.05	18.09	18.19	18.12	18.22	19.4	0
5	QPSK	12	7	18.23	18.09	17.94	18.03	18.17		
5	QPSK	12	13	18.05	18.18	18.05	18.09	17.91		
5	QPSK	25	0	18.06	18.12	18.08	18.17	17.98		
5	16QAM	1	0	18.07	17.98	18.27	18.02	18.22	19.4	0
5	16QAM	1	12	18.03	17.92	18.11	18.28	17.98		
5	16QAM	1	24	18.10	18.28	17.88	18.20	18.28		
5	16QAM	12	0	18.17	17.95	18.21	17.94	18.03	19.4	0
5	16QAM	12	7	18.13	18.04	18.13	17.93	18.00		
5	16QAM	12	13	17.95	18.07	17.90	18.07	18.00		
5	16QAM	25	0	17.92	18.20	18.03	17.99	18.07		
5	64QAM	1	0	17.97	18.23	18.03	17.94	18.24	19.4	0
5	64QAM	1	12	18.13	17.92	18.04	18.15	18.20		
5	64QAM	1	24	18.12	18.19	18.03	18.09	18.14		
5	64QAM	12	0	17.79	17.76	17.86	17.88	17.98	19.4	0
5	64QAM	12	7	18.05	17.93	18.04	17.86	17.88		
5	64QAM	12	13	17.86	18.19	17.71	17.86	17.79		
5	64QAM	25	0	17.85	17.82	18.09	17.87	18.10		
5	256QAM	1	0	16.84	16.80	16.83	16.86	16.97	17.9	1.5
5	256QAM	1	12	16.88	16.92	16.86	16.91	16.88		
5	256QAM	1	24	16.85	17.00	16.72	16.73	16.83		
5	256QAM	12	0	16.87	16.76	16.80	16.64	16.83	17.9	1.5
5	256QAM	12	7	16.77	16.94	16.63	16.77	16.67		
5	256QAM	12	13	17.00	16.81	16.79	16.81	17.01		
5	256QAM	25	0	16.72	16.82	16.79	16.74	16.68		

Band 41 HPUE Ant1

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	19.99	19.91	20.02	19.99	19.88	21	0
20	QPSK	1	49	19.88	19.88	19.90	19.91	19.96		
20	QPSK	1	99	19.94	19.95	19.91	19.93	19.96		
20	QPSK	50	0	19.86	19.95	19.98	19.90	19.95	21	0
20	QPSK	50	24	19.97	19.97	19.92	19.90	19.87		
20	QPSK	50	50	19.95	19.97	19.85	19.87	19.88		
20	QPSK	100	0	19.91	19.85	19.96	19.86	19.90		
20	16QAM	1	0	20.00	19.98	19.85	19.85	19.89	21	0
20	16QAM	1	49	19.99	19.89	19.88	19.89	20.00		
20	16QAM	1	99	19.95	19.90	19.89	19.95	19.85		
20	16QAM	50	0	19.88	19.99	19.90	19.91	19.84	21	0
20	16QAM	50	24	19.89	19.85	19.99	19.96	19.86		
20	16QAM	50	50	19.84	19.90	20.00	19.91	19.88		
20	16QAM	100	0	19.85	19.86	19.87	19.96	19.90		
20	64QAM	1	0	19.90	19.95	19.89	19.90	19.87	21	0
20	64QAM	1	49	19.99	19.97	19.94	19.94	19.96		
20	64QAM	1	99	19.99	19.88	19.91	19.86	19.86		
20	64QAM	50	0	19.90	19.85	19.92	19.88	19.90	21	0
20	64QAM	50	24	20.00	19.95	19.98	19.93	19.88		
20	64QAM	50	50	19.95	19.89	19.89	19.85	19.94		
20	64QAM	100	0	19.86	19.93	19.90	19.87	19.94		
20	256QAM	1	0	19.95	19.75	19.87	19.78	19.86	21	0
20	256QAM	1	49	19.77	19.78	19.69	19.77	19.75		
20	256QAM	1	99	19.90	19.78	19.72	19.82	19.83		
20	256QAM	50	0	19.67	19.76	19.87	19.73	19.91	21	0
20	256QAM	50	24	19.92	19.90	19.74	19.84	19.75		
20	256QAM	50	50	19.81	19.80	19.70	19.78	19.80		
20	256QAM	100	0	19.86	19.83	19.78	19.79	19.70		
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	19.87	19.74	19.85	19.96	19.75	21	0
15	QPSK	1	37	19.70	19.83	19.68	19.71	19.90		
15	QPSK	1	74	19.83	19.78	19.82	19.90	19.83		
15	QPSK	36	0	19.83	19.75	19.93	19.68	19.73	21	0
15	QPSK	36	20	19.75	19.81	19.74	19.79	19.79		
15	QPSK	36	39	19.91	19.76	19.81	19.65	19.75		
15	QPSK	75	0	19.80	19.78	19.89	19.70	19.73		
15	16QAM	1	0	19.97	19.81	19.82	19.68	19.74	21	0
15	16QAM	1	37	19.83	19.76	19.81	19.80	19.80		
15	16QAM	1	74	19.78	19.69	19.71	19.89	19.73		
15	16QAM	36	0	19.75	19.90	19.77	19.71	19.69	21	0
15	16QAM	36	20	19.84	19.72	19.96	19.87	19.79		
15	16QAM	36	39	19.75	19.72	19.96	19.73	19.72		
15	16QAM	75	0	19.82	19.75	19.76	19.94	19.71		
15	64QAM	1	0	19.70	19.81	19.71	19.70	19.84	21	0
15	64QAM	1	37	19.83	19.86	19.90	19.91	19.84		
15	64QAM	1	74	19.78	19.83	19.74	19.83	19.67		
15	64QAM	36	0	19.78	19.69	19.83	19.84	19.84	21	0
15	64QAM	36	20	19.96	19.84	19.90	19.77	19.84		
15	64QAM	36	39	19.91	19.70	19.85	19.64	19.73		
15	64QAM	75	0	19.75	19.84	19.73	19.67	19.82		
15	256QAM	1	0	19.79	19.68	19.84	19.62	19.67	21	0
15	256QAM	1	37	19.66	19.75	19.53	19.68	19.61		
15	256QAM	1	74	19.68	19.56	19.58	19.75	19.66		
15	256QAM	36	0	19.49	19.54	19.74	19.67	19.86	21	0
15	256QAM	36	20	19.75	19.78	19.54	19.76	19.57		
15	256QAM	36	39	19.78	19.69	19.56	19.69	19.66		
15	256QAM	75	0	19.81	19.75	19.73	19.63	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.78	19.80	19.96	19.86	19.71	21	0
10	QPSK	1	25	19.86	19.73	19.75	19.73	19.92		
10	QPSK	1	49	19.85	19.93	19.72	19.87	19.76		
10	QPSK	25	0	19.70	19.85	19.83	19.71	19.93	21	0
10	QPSK	25	12	19.79	19.93	19.81	19.77	19.79		
10	QPSK	25	25	19.78	19.76	19.82	19.81	19.73		
10	QPSK	50	0	19.71	19.74	19.82	19.73	19.85		
10	16QAM	1	0	19.90	19.92	19.70	19.76	19.79	21	0
10	16QAM	1	25	19.89	19.78	19.70	19.79	19.92		
10	16QAM	1	49	19.79	19.72	19.85	19.80	19.72		
10	16QAM	25	0	19.71	19.96	19.83	19.71	19.79	21	0
10	16QAM	25	12	19.70	19.82	19.79	19.83	19.79		
10	16QAM	25	25	19.69	19.70	19.83	19.73	19.78		
10	16QAM	50	0	19.65	19.78	19.69	19.85	19.86	21	0
10	64QAM

GSM1900 Ant2	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	29.42	29.51	29.40	30.50	20.42	20.51	20.40	21.50
GPRS 1 Tx slot	29.41	29.45	29.39	30.50	20.41	20.45	20.39	21.50
GPRS 2 Tx slots	26.45	26.48	26.36	27.50	20.45	20.48	20.36	21.50
GPRS 3 Tx slots	24.64	24.74	24.66	25.50	20.38	20.48	20.40	21.24
GPRS 4 Tx slots	23.44	23.48	23.37	24.50	20.44	20.48	20.37	21.50
EDGE 1 Tx slot	25.78	25.85	25.76	27.00	16.78	16.85	16.76	18.00
EDGE 2 Tx slots	24.44	24.58	24.51	25.50	18.44	18.58	18.51	19.50
EDGE 3 Tx slots	21.95	21.98	21.84	23.00	17.69	17.72	17.58	18.74
EDGE 4 Tx slots	20.53	20.66	20.61	21.50	17.53	17.66	17.61	18.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			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	22.26	22.30	22.23	24.00	22.21	22.24	22.15	24.00
3GPP Rel 99	RMC 12.2Kbps	22.29	22.32	22.24	24.00	22.22	22.27	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.09	21.36	21.11	23.00	21.03	21.39	21.11	23.00
3GPP Rel 6	HSDPA Subtest-2	21.25	21.27	21.02	23.00	21.22	21.21	21.03	23.00
3GPP Rel 6	HSDPA Subtest-3	20.58	20.75	20.54	22.50	20.56	20.68	20.54	22.50
3GPP Rel 6	HSDPA Subtest-4	20.68	20.78	20.66	22.50	20.66	20.78	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.12	21.25	21.08	23.00	21.07	21.21	21.09	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.19	21.22	21.26	23.00	21.15	21.15	21.20	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.62	20.63	20.73	22.50	20.56	20.63	20.69	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.70	20.62	22.50	20.71	20.70	20.56	22.00
3GPP Rel 6	HSUPA Subtest-1	21.23	21.23	21.07	23.00	21.24	21.22	21.06	23.00
3GPP Rel 6	HSUPA Subtest-2	19.29	19.33	19.08	21.00	19.20	19.25	19.04	21.00
3GPP Rel 6	HSUPA Subtest-3	20.20	20.21	20.17	22.00	20.22	20.12	20.16	22.00
3GPP Rel 6	HSUPA Subtest-4	19.17	19.29	19.04	21.00	19.17	19.27	19.05	21.00
3GPP Rel 6	HSUPA Subtest-5	21.26	21.31	21.22	23.00	21.19	21.32	21.16	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.79	18.84	18.52	20.50	18.73	18.79	18.53	20.50

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.70	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	16QAM	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.86	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.91	17.70		
20	256QAM	100	0	17.76	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	21.65	21.60		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	21.95	22.09	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.69	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.85	17.66	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.81	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.61	21.62		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	22.02	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.65	20.75	20.79		
10	16QAM	50	0	20.83	20.76	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.69	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.79	17.77	17.68	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.18	22.20	22.10	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.65	20.75	20.80		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	20.93	21.00		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.86	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.80	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.85		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.80	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.78	17.65	17.79	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	23.06	23.08	23.00		
20	QPSK	1	49	23.00	23.02	22.89	24	0
20	QPSK	1	99	23.01	23.00	22.84		
20	QPSK	50	0	22.14	22.15	22.12		
20	QPSK	50	24	22.14	22.13	22.14	23	1
20	QPSK	50	50	22.10	22.02	22.13		
20	16QAM	100	0	22.04	22.11	22.04		
20	16QAM	1	0	22.24	22.28	22.21		
20	16QAM	1	49	22.21	22.38	22.41	23	1
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22	2
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.32	21.21	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22	2
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21	3
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19	5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19	5
20	256QAM	50	50	18.13	18.06	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95		
15	QPSK	1	37	22.92	22.92	22.82	24	0
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01		
15	QPSK	36	20	22.07	22.00	22.02	23	1
15	QPSK	36	39	21.97	21.94	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17		
15	16QAM	1	37	22.15	22.31	22.35	23	1
15	16QAM	1	74	22.19	22.25	22.16		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22	2
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	21.07	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22	2
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.11	19.95	19.95	21	3
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.05	18.14	19	5
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19	5
15	256QAM	36	39	18.04	17.91	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	22.90		
10	QPSK	1	25	22.93	22.96	22.85	24	0
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00		
10	QPSK	25	12	22.05	22.04	22.09	23	1
10	QPSK	25	25	22.05	22.01	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13		
10	16QAM	1	25	22.13	22.33	22.32	23	1
10	16QAM	1	49	22.12	22.28	22.18		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	21.00	20.87	21.02	22	2
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.01	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22	2
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.06	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21	3
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19	5
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	18.11	18.00	17.99	19	5
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88		
5	QPSK	1	12	22.91	22.97	22.80	24	0
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03		
5	QPSK	12	7	22.06	22.09	22.11	23	1
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09		
5	16QAM	1	12	22.12	22.24	22.34	23	1
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22	2
5	16QAM	12	13	20.96	21.02	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22	2
5	64QAM	1	24	21.19	21.23	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21	3
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19	5
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19	5
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94		
3	QPSK	1	8	22.94	22.93	22.77	24	0
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.02	22.08		
3	QPSK	8	4	22.03	22.03	22.06	23	1
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.15	22.21	22.17		
3	16QAM	1	8	22.11	22.33	22.35	23	1
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.96	21.00	22	2
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.22	21.05	22	2
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21	3
3	64QAM	8	7	20.02	20.08	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19	5
3	256QAM	1	14	18.18	17.94	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19	5
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.87	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55		
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58	24	0
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77		
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98	23	1
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22	2
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.80	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.66	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67	19	5
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19	5

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92		
20	QPSK	1	49	22.95	23.13	22.73	24	0
20	QPSK	1	99	22.94	23.04	22.91		
20	QPSK	50	0	21.89	21.97	21.92		
20	QPSK	50	24	21.83	21.76	21.95	23	1
20	QPSK	50	50	21.91	21.89	21.82		
20	16QAM	100	0	21.75	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38		
20	16QAM	1	49	22.34	22.44	22.38	23	1
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM	50	24	21.06	21.05	21.06	22	2
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0

Band 66 Ant2

BW [MHz]	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	23.05	23.17	23.01	24	0
20	QPSK	1	49	22.95	22.99	22.88		
20	QPSK	1	99	22.87	22.81	23.00		
20	QPSK	50	0	21.89	21.94	21.79	23	1
20	QPSK	50	24	21.79	21.92	21.92		
20	QPSK	50	50	21.73	21.86	21.81		
20	QPSK	100	0	21.78	21.86	21.82		
20	16QAM	1	0	22.30	22.28	22.18	23	1
20	16QAM	1	49	22.27	22.15	22.25		
20	16QAM	1	99	22.23	22.19	22.37		
20	16QAM	50	0	20.95	20.94	20.96	22	2
20	16QAM	50	24	21.06	20.90	20.87		
20	16QAM	50	50	20.96	20.88	21.01		
20	16QAM	100	0	20.86	20.95	20.86		
20	64QAM	1	0	21.18	21.15	21.14	22	2
20	64QAM	1	49	21.25	21.05	21.05		
20	64QAM	1	99	21.24	21.13	21.20		
20	64QAM	50	0	20.02	19.92	19.95	21	3
20	64QAM	50	24	19.97	19.98	19.81		
20	64QAM	50	50	19.81	20.01	20.01		
20	64QAM	100	0	19.97	19.93	19.99		
20	256QAM	1	0	18.22	18.09	18.04	19	5
20	256QAM	1	49	18.18	18.00	18.04		
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84	19	5
20	256QAM	50	24	17.85	17.88	17.81		
20	256QAM	50	50	17.78	17.87	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.92	22.94	22.73	24	0
15	QPSK	1	37	22.68	22.79	22.47		
15	QPSK	1	74	22.86	22.75	22.55		
15	QPSK	36	0	21.74	21.86	21.69	23	1
15	QPSK	36	20	21.69	21.85	21.81		
15	QPSK	36	39	21.81	21.86	21.80		
15	QPSK	75	0	21.72	21.81	21.68		
15	16QAM	1	0	21.99	22.00	22.02	23	1
15	16QAM	1	37	21.91	22.06	21.97		
15	16QAM	1	74	22.05	22.06	22.11		
15	16QAM	36	0	20.94	20.86	20.93	22	2
15	16QAM	36	20	20.76	20.72	20.74		
15	16QAM	36	39	20.98	20.77	20.84		
15	16QAM	75	0	20.78	20.78	20.84		
15	64QAM	1	0	20.84	20.92	20.90	22	2
15	64QAM	1	37	20.79	21.05	21.05		
15	64QAM	1	74	20.98	20.84	20.92		
15	64QAM	36	0	19.95	19.79	19.76	21	3
15	64QAM	36	20	19.78	19.78	19.77		
15	64QAM	36	39	19.96	19.92	19.79		
15	64QAM	75	0	19.83	19.81	19.80		
15	256QAM	1	0	17.93	17.87	17.77	19	5
15	256QAM	1	37	17.78	17.87	17.92		
15	256QAM	1	74	17.87	17.83	17.87		
15	256QAM	36	0	17.81	17.76	17.82	19	5
15	256QAM	36	20	17.86	17.78	17.91		
15	256QAM	36	39	17.74	17.87	17.69		
15	256QAM	75	0	17.84	17.86	17.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.69	22.93	22.73	24	0
10	QPSK	1	25	22.66	22.81	22.56		
10	QPSK	1	49	22.83	22.74	22.56		
10	QPSK	25	0	21.74	21.91	21.77	23	1
10	QPSK	25	12	21.69	21.66	21.86		
10	QPSK	25	25	21.78	21.86	21.80		
10	QPSK	50	0	21.74	21.86	21.63		
10	16QAM	1	0	22.02	21.99	21.97	23	1
10	16QAM	1	25	22.00	22.09	21.97		
10	16QAM	1	49	22.06	22.01	22.13		
10	16QAM	25	0	20.95	20.84	20.86	22	2
10	16QAM	25	12	20.81	20.72	20.76		
10	16QAM	25	25	20.99	20.76	20.86		
10	16QAM	50	0	20.81	20.78	20.80		
10	64QAM	1	0	20.83	20.93	20.87	22	2
10	64QAM	1	25	20.83	21.01	21.01		
10	64QAM	1	49	20.92	20.79	20.95		
10	64QAM	25	0	19.87	19.80	19.82	21	3
10	64QAM	25	12	19.76	19.76	19.78		
10	64QAM	25	25	19.95	19.98	19.76		
10	64QAM	50	0	19.84	19.84	19.79		
10	256QAM	1	0	17.93	17.83	17.79	19	5
10	256QAM	1	25	17.87	17.88	17.91		
10	256QAM	1	49	17.84	17.83	17.87		
10	256QAM	25	0	17.88	17.80	17.83	19	5
10	256QAM	25	12	17.84	17.85	17.96		
10	256QAM	25	25	17.80	17.92	17.64		
10	256QAM	50	0	17.84	17.82	17.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.88	22.93	22.68	24	0
5	QPSK	1	12	22.75	22.83	22.55		
5	QPSK	1	24	22.87	22.79	22.57		
5	QPSK	12	0	21.74	21.89	21.74	23	1
5	QPSK	12	7	21.66	21.66	21.87		
5	QPSK	12	13	21.88	21.80	21.77		
5	QPSK	25	0	21.81	21.84	21.72		
5	16QAM	1	0	21.96	22.02	21.95	23	1
5	16QAM	1	12	21.97	22.02	21.97		
5	16QAM	1	24	22.12	22.06	22.07		
5	16QAM	12	0	20.91	20.80	20.91	22	2
5	16QAM	12	7	20.78	20.76	20.72		
5	16QAM	12	13	20.93	20.78	20.82		
5	16QAM	25	0	20.81	20.84	20.77		
5	64QAM	1	0	20.82	20.93	20.87	22	2
5	64QAM	1	12	20.86	21.06	21.04		
5	64QAM	1	24	20.97	20.87	20.91		
5	64QAM	12	0	19.94	19.79	19.79	21	3
5	64QAM	12	7	19.75	19.79	19.74		
5	64QAM	12	13	19.98	19.94	19.75		
5	64QAM	25	0	19.80	19.83	19.80		
5	256QAM	1	0	17.90	17.88	17.76	19	5
5	256QAM	1	12	17.80	17.86	17.99		
5	256QAM	1	24	17.85	17.83	17.89		
5	256QAM	12	0	17.82	17.80	17.89	19	5
5	256QAM	12	7	17.85	17.80	17.95		
5	256QAM	12	13	17.74	17.95	17.71		
5	256QAM	25	0	17.77	17.85	17.87		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.92	22.94	22.69	24	0
3	QPSK	1	8	22.69	22.85	22.53		
3	QPSK	1	14	22.92	22.73	22.50		
3	QPSK	8	0	21.71	21.90	21.75	23	1
3	QPSK	8	4	21.73	21.69	21.88		
3	QPSK	8	7	21.86	21.78	21.78		
3	QPSK	15	0	21.74	21.86	21.71		
3	16QAM	1	0	21.95	22.00	22.01	23	1
3	16QAM	1	8	21.93	22.06	22.03		
3	16QAM	1	14	22.04	22.05	22.14		
3	16QAM	8	0	20.90	20.82	20.88	22	2
3	16QAM	8	4	20.79	20.76	20.79		
3	16QAM	8	7	20.97	20.77	20.83		
3	16QAM	15	0	20.82	20.82	20.83		
3	64QAM	1	0	20.85	20.96	20.86	22	2
3	64QAM	1	8	20.84	21.10	21.06		
3	64QAM	1	14	20.92	20.89	20.95		
3	64QAM	8	0	19.88	19.83	19.78	21	3
3	64QAM	8	4	19.76	19.76	19.70		
3	64QAM	8	7	19.96	19.93	19.71		
3	64QAM	15	0	19.77	19.78	19.73		
3	256QAM	1	0	17.89	17.82	17.77	19	5
3	256QAM	1	8	17.82	17.94	18.00		
3	256QAM	1	14	17.89	17.83	17.84		
3	256QAM	8	0	17.82	17.85	17.84	19	5
3	256QAM	8	4	17.88	17.85	17.92		
3	256QAM	8	7	17.72	17.96	17.68		
3	256QAM	15	0	17.81	17.79	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	19	5

Band 38 Ant2

BW [MHz]	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	22.95	23.00	22.88	24	0
20	QPSK	1	49	22.75	22.82	22.86		
20	QPSK	1	99	22.80	22.81	22.84		
20	QPSK	50	0	22.00	22.05	21.83	23	1
20	QPSK	50	24	22.00	21.86	21.99		
20	QPSK	50	50	21.86	21.91	22.03		
20	QPSK	100	0	21.92	22.02	21.76		
20	16QAM	1	0	22.00	22.07	22.05	23	1
20	16QAM	1	49	22.16	22.20	22.17		
20	16QAM	1	99	22.20	22.08	22.13		
20	16QAM	50	0	21.13	21.09	21.18	22	2
20	16QAM	50	24	21.04	21.13	21.17		
20	16QAM	50	50	21.03	21.08	21.07		
20	16QAM	100	0	20.99	21.05	21.12		
20	64QAM	1	0	20.69	20.75	20.64	22	2
20	64QAM	1	49	20.73	20.67	20.76		
20	64QAM	1	99	20.86	20.81	20.75		
20	64QAM	50	0	20.11	20.14	20.07	21	3
20	64QAM	50	24	20.09	20.08	20.09		
20	64QAM	50	50	20.08	20.17	20.25		
20	64QAM	100	0	20.14	20.03	20.14		
20	256QAM	1	0	18.06	17.94	17.92	19	5
20	256QAM	1	49	18.07	17.89	17.97		
20	256QAM	1	99	17.84	17.99	17.83		
20	256QAM	50	0	18.20	18.13	18.13	19	5
20	256QAM	50	24	18.00	18.06	18.24		
20	256QAM	50	50	18.13	18.23	18.20		
20	256QAM	100	0	18.12	18.02	18.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.88	22.75	24	0
15	QPSK	1	37	22.69	22.87	22.56		
15	QPSK	1	74	22.84	22.72	22.58		
15	QPSK	36	0	21.67	21.84	21.69	23	1
15	QPSK	36	20	21.64	21.62	21.81		
15	QPSK	36	39	21.84	21.83	21.81		
15	QPSK	75	0	21.72	21.85	21.70		
15	16QAM	1	0	22.00	22.00	22.01	23	1
15	16QAM	1	37	21.95	22.07	21.98		
15	16QAM	1	74	22.13	22.02	22.12		
15	16QAM	36	0	20.90	20.85	20.92	22	2
15	16QAM	36	20	20.77	20.70	20.78		
15	16QAM	36	39	20.97	20.81	20.86		
15	16QAM	75	0	20.85	20.76	20.76		
15	64QAM	1	0	20.84	20.95	20.88	22	2
15	64QAM	1	37	20.82	21.06	21.07		
15	64QAM	1	74	20.90	20.80	20.87		
15	64QAM	36	0	19.93	19.80	19.80	21	3
15	64QAM	36	20	19.80	19.77	19.70		
15	64QAM	36	39	19.98	19.96	19.78		
15	64QAM	75	0	19.85	19.80	19.76		
15	256QAM	1	0	17.96	17.84	17.75	19	5
15	256QAM	1	37	17.85	17.89	17.97		
15	256QAM	1	74	17.79	17.84	17.89		
15	256QAM	36	0	17.88	17.82	17.86	19	5
15	256QAM	36	20	17.84	17.82	17.90		
15	256QAM	36	39	17.74	17.92	17.69		
15	256QAM	75	0	17.77	17.78	17.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.87	22.86	22.65	24	0
10	QPSK	1	25	22.76	22.83	22.55		
10	QPSK	1	49	22.91	22.78	22.52		
10	QPSK	25	0	21.72	21.81	21.76	23	1
10	QPSK	25	12	21.71	21.61	21.83		
10	QPSK	25	25	21.85	21.85	21.82		
10	QPSK	50	0	21.79	21.82	21.65		
10	16QAM	1	0	22.01	21.98	21.97	23	1
10	16QAM	1	25	21.97	22.11	22.04		
10	16QAM	1	49	22.05	22.01	22.12		
10	16QAM	25	0	20.91	20.86	20.88	22	2
10	16QAM	25	12	20.77	20.73	20.78		
10	16QAM	25	25	20.95	20.78	20.82		
10	16QAM	50	0	20.82	20.78	20.85		
10	64QAM	1	0	20.87	20.97	20.82	22	2
10	64QAM	1	25	20.83	21.04	21.03		
10	64QAM	1	49	20.93	20.88	20.90		
10	64QAM	25	0	19.93	19.82	19.80	21	3
10	64QAM	25	12	19.74	19.78	19.76		
10	64QAM	25	25	19.97	19.93	19.78		
10	64QAM	50	0	19.77	19.84	19.78		
10	256QAM	1	0	17.91	17.85	17.75	19	5
10	256QAM	1	25	17.83	17.91	17.99		
10	256QAM	1	49	17.89	17.81	17.89		
10	256QAM	25	0	17.90	17.80	17.79	19	5
10	256QAM	25	12	17.83	17.83	17.96		
10	256QAM	25	25	17.75	17.93	17.69		
10	256QAM	50	0	17.80	17.81	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	22.92	22.65	24	0
5	QPSK	1	12	22.73	22.78	22.52		
5	QPSK	1	24	22.85	22.69	22.58		
5	QPSK	12	0	21.67	21.89	21.70	23	1
5	QPSK	12	7	21.73	21.61	21.86		
5	QPSK	12	13	21.78	21.81	21.76		
5	QPSK	25	0	21.79	21.82	21.70		
5	16QAM	1	0	22.00	21.94	22.01	23	1
5	16QAM	1	12	21.92	22.04	22.03		
5	16QAM	1	24	22.08	22.01	22.08		
5	16QAM	12	0	20.97	20.79	20.88	22	2
5	16QAM	12	7	20.77	20.71	20.72		
5	16QAM	12	13	20.93	20.77	20.86		
5	16QAM	25	0	20.84	20.82	20.76		
5	64QAM	1	0	20.87	20.91	20.85	22	2
5	64QAM	1	12	20.86	21.03	21.06		
5	64QAM	1	24	20.98	20.86	20.87		
5	64QAM	12	0	19.88	19.84	19.79	21	3
5	64QAM	12	7	19.80	19.77	19.68		
5	64QAM	12	13	19.97	19.94	19.71		
5	64QAM	25	0	19.82	19.83	19.72		
5	256QAM	1	0	17.95	17.84	17.70	19	5
5	256QAM	1	12	17.81	17.90	17.97		
5	256QAM	1	24	17.81	17.88	17.90		
5	256QAM	12	0	17.83	17.78	17.80	19	5
5	256QAM	12	7	17.86	17.84	17.96		
5	256QAM	12	13	17.74	17.90	17.63		
5	256QAM	25	0	17.79	17.80	17.86		

Band 41 Ant2

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	23.01	22.97	23.05	22.88	22.79	24	0
20	QPSK	1	49	22.81	22.88	22.95	22.82	22.98		
20	QPSK	1	99	22.92	22.98	22.80	22.82	22.80		
20	QPSK	50	0	21.97	21.93	22.09	21.89	22.02	23	1
20	QPSK	50	24	22.01	21.94	22.03	21.87	22.06		
20	QPSK	50	50	21.87	22.08	21.96	21.86	22.05		
20	QPSK	100	0	21.98	21.93	22.00	21.83	21.80		
20	16QAM	1	0	22.05	21.98	22.10	22.09	22.22	23	1
20	16QAM	1	49	22.08	22.09	22.16	22.18	22.17		
20	16QAM	1	99	22.02	22.16	22.18	22.21	22.21		
20	16QAM	50	0	21.20	21.17	21.11	21.23	21.08	22	2
20	16QAM	50	24	21.24	21.20	21.11	21.10	21.22		
20	16QAM	50	50	21.01	21.21	21.06	21.03	20.99		
20	16QAM	100	0	21.17	21.10	21.06	21.14	21.19		
20	64QAM	1	0	20.71	20.87	20.79	20.90	20.89	22	2
20	64QAM	1	49	20.83	20.70	20.85	20.75	20.76		
20	64QAM	1	99	20.78	20.80	20.90	20.68	20.75		
20	64QAM	50	0	19.99	20.20	20.11	20.08	20.01	21	3
20	64QAM	50	24	20.13	20.16	20.17	20.02	20.08		
20	64QAM	50	50	20.07	20.05	20.13	20.05	20.00		
20	64QAM	100	0	20.01	19.98	20.02	20.02	20.15		
20	256QAM	1	0	17.92	17.97	17.94	18.05	17.91	19	5
20	256QAM	1	49	17.84	17.97	18.00	17.92	17.85		
20	256QAM	1	99	17.87	18.03	17.90	18.03	17.90		
20	256QAM	50	0	18.25	18.06	18.13	18.25	18.16	19	5
20	256QAM	50	24	18.06	18.14	18.15	18.20	18.22		
20	256QAM	50	50	18.12	18.24	18.21	18.24	18.15		
20	256QAM	100	0	17.96	17.98	18.03	17.98	17.96		
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	22.91	22.90	22.93	22.78	22.72	24	0
15	QPSK	1	37	22.78	22.82	22.90	22.71	22.90		
15	QPSK	1	74	22.84	22.94	22.68	22.78	22.76		
15	QPSK	36	0	21.85	21.81	22.05	21.85	21.94	23	1
15	QPSK	36	20	21.98	21.91	21.94	21.76	22.03		
15	QPSK	36	39	21.78	22.03	21.91	21.79	21.99		
15	QPSK	75	0	21.94	21.88	21.93	21.78	21.70		
15	16QAM	1	0	22.02	21.87	22.02	22.04	22.10	23	1
15	16QAM	1	37	21.99	22.02	22.09	22.09	22.13		
15	16QAM	1	74	21.91	22.11	22.14	22.10	22.15		
15	16QAM	36	0	21.09	21.07	21.04	21.11	20.98	22	2
15	16QAM	36	20	21.16	21.07	21.04	20.97	21.15		
15	16QAM	36	39	20.96	21.09	20.96	20.93	20.91		
15	16QAM	75	0	21.09	20.97	20.96	21.01	21.08		
15	64QAM	1	0	20.61	20.78	20.73	20.79	20.81	22	2
15	64QAM	1	37	20.76	20.57	20.75	20.69	20.72		
15	64QAM	1	74	20.75	20.69	20.77	20.64	20.71		
15	64QAM	36	0	19.88	20.11	20.04	19.98	19.89	21	3
15	64QAM	36	20	20.02	20.12	20.10	19.90	19.96		
15	64QAM	36	39	20.01	19.93	20.07	19.96	19.93		
15	64QAM	75	0	19.89	19.94	19.96	19.90	20.06		
15	256QAM	1	0	17.80	17.87	17.91	18.01	17.86	19	5
15	256QAM	1	37	17.75	17.87	17.91	17.85	17.77		
15	256QAM	1	74	17.76	17.98	17.79	17.90	17.78		
15	256QAM	36	0	18.16	17.93	18.02	18.13	18.12	19	5
15	256QAM	36	20	17.94	18.09	18.04	18.13	18.10		
15	256QAM	36	39	17.99	18.19	18.17	18.14	18.11		
15	256QAM	75	0	17.88	17.94	18.00	17.86	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	22.94	23.00	22.78	22.75	24	0
10	QPSK	1	25	22.68	22.77	22.86	22.78	22.93		
10	QPSK	1	49	22.82	22.93	22.74	22.71	22.68		
10	QPSK	25	0	21.88	21.88	22.03	21.79	21.91	23	1
10	QPSK	25	12	21.97	21.91	21.99	21.79	21.99		
10	QPSK	25	25	21.76	22.01	21.87	21.79	21.97		
10	QPSK	50	0	21.92	21.83	21.93	21.77	21.69		
10	16QAM	1	0	22.00	21.94	21.98	22.03	22.17	23	1
10	16QAM	1	25	21.97	22.03	22.05	22.09	22.11		
10	16QAM	1	49	21.97	22.12	22.08	22.15	22.09		
10	16QAM	25	0	21.13	21.13	21.05	21.13	21.02	22	2
10	16QAM	25	12	21.16	21.15	21.00	21.00	21.15		
10	16QAM	25	25	20.92	21.13	20.94	20.92	20.86		
10	16QAM	50	0	21.10	21.02	20.98	21.01	21.13		
10	64QAM	1	0	20.59	20.75	20.74	20.64	20.79	22	2
10	64QAM	1	25	20.79	20.61	20.80	20.63	20.66		
10	64QAM	1	49	20.66	20.71	20.80	20.60	20.71		
10	64QAM	25	0	19.90	20.13	19.99	20.02	19.91	21	3
10	64QAM	25	12	20.04	20.04	20.07	19.91	19.97		
10	64QAM	25	25	20.01	19.98	20.03	20.01	19.90		
10	64QAM	50	0	19.97	19.87	19.96	19.96	20.03		
10	256QAM	1	0	17.88	17.86	17.91	18.01	17.79	19	5
10	256QAM	1	25	17.78	17.90	17.92	17.83	17.81		
10	256QAM	1	49	17.81	17.96	17.78	17.91	17.79		
10	256QAM	25	0	18.17	17.93	18.03	18.19	18.11	19	5
10	256QAM	25	12	17.97	18.01	18.04	18.09	18.18		
10	256QAM	25	25	18.07	18.11	18.10	18.16	18.04		
10	256QAM	50	0	17.92	17.90	17.92	17.90	17.83		
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	22.96	22.86	22.98	22.82	22.72	24	0
5	QPSK	1	12	22.77	22.85	22.82	22.71	22.88		
5	QPSK	1	24	22.83	22.90	22.69	22.73	22.72		
5	QPSK	12	0	21.86	21.85	21.96	21.86	21.93	23	1
5	QPSK	12	7	21.90	21.84	21.98	21.76	21.98		
5	QPSK	12	13	21.81	22.01	21.84	21.80	22.00		
5	QPSK	25	0	21.91	21.83	21.91	21.76	21.73		
5	16QAM	1	0	21.97	21.87	22.07	22.04	22.11	23	1
5	16QAM	1	12	21.99	22.04	22.08	22.07	22.04		
5	16QAM	1	24	22.03	22.10	22.05	22.10	22.15		
5	16QAM	12	0	21.14	21.05	21.07	21.11	20.96	22	2
5	16QAM	12	7	21.13	21.09	21.07	21.01	21.14		
5	16QAM	12	13	20.94	21.14	21.03	20.94	20.90		
5	16QAM	25	0	21.09	21.01	20.96	21.08	21.07		
5	64QAM	1	0	20.67	20.84	20.76	20.82	20.84	22	2
5	64QAM	1	12	20.76	20.63	20.74	20.66	20.66		
5	64QAM	1	24	20.74	20.73	20.77	20.57	20.65		
5	64QAM	12	0	19.92	20.11	20.04	19.96	19.90	21	3
5	64QAM	12	7	20.04	20.09	20.06	19.98	20.04		
5	64QAM	12	13	19.98	19.98	20.07	19.98	19.87		
5	64QAM	25	0	19.97	19.91	19.97	19.96	20.06		
5	256QAM	1	0	17.83	17.91	17.85	17.92	17.80	19	5
5	256QAM	1	12	17.72	17.93	17.90	17.82	17.77		
5	256QAM	1	24	17.82	17.94	17.80	17.99	17.86		
5	256QAM	12	0	18.22	17.98	18.04	18.16	18.07	19	5
5	256QAM	12	7	17.95	18.02	18.06	18.08	18.16		
5	256QAM	12	13	18.05	18.15	18.16	18.21	18.06		
5	256QAM	25	0	17.89	17.93	17.94	17.90	17.89		

Band 41 HPUE Ant2

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	26.06	26.01	26.11	25.88	25.79	27	0
20	QPSK	1	49	25.81	26.04	26.09	25.73	25.86		
20	QPSK	1	99	25.91	25.94	25.99	25.85	25.94		
20	QPSK	50	0	25.03	24.91	25.07	25.04	25.02	26	1
20	QPSK	50	24	24.97	24.92	25.01	25.01	24.81		
20	QPSK	50	50	24.91	24.93	24.93	24.94	25.06		
20	QPSK	100	0	25.00	24.96	25.01	24.96	24.91		
20	16QAM	1	0	25.21	25.33	25.33	25.30	25.33	26	1
20	16QAM	1	49	25.29	25.23	25.35	25.46	25.40		
20	16QAM	1	99	25.29	25.30	25.36	25.41	25.33		
20	16QAM	50	0	24.17	24.15	24.08	23.98	24.02	25	2
20	16QAM	50	24	23.96	24.06	24.00	24.11	24.20		
20	16QAM	50	50	24.19	24.11	24.20	24.09	24.03		
20	16QAM	100	0	24.04	23.96	24.04	24.04	24.10		
20	64QAM	1	0	23.99	24.02	24.07	24.20	24.00	25	2
20	64QAM	1	49	24.17	24.18	24.20	24.19	24.10		
20	64QAM	1	99	24.00	24.10	24.06	24.12	23.95		
20	64QAM	50	0	23.03	23.05	23.12	23.21	23.19	24	3
20	64QAM	50	24	23.19	23.01	23.17	23.16	23.23		
20	64QAM	50	50	23.18	23.07	23.03	22.99	23.13		
20	64QAM	100	0	22.99	22.97	23.05	22.93	22.95		
20	256QAM	1	0	21.13	20.98	21.11	21.07	21.05	22	5
20	256QAM	1	49	21.13	21.00	21.09	21.20	21.08		
20	256QAM	1	99	21.11	21.09	21.13	21.16	21.04		
20	256QAM	50	0	21.21	21.24	21.14	21.25	21.08	22	5
20	256QAM	50	24	21.07	21.11	21.25	21.22	21.12		
20	256QAM	50	50	21.06	21.08	21.09	21.13	21.26		
20	256QAM	100	0	21.09	20.94	21.04	21.06	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	25.95	25.89	26.02	25.76	25.72	27	0
15	QPSK	1	37	25.71	25.97	26.05	25.69	25.79		
15	QPSK	1	74	25.86	25.84	25.92	25.78	25.85		
15	QPSK	36	0	24.91	24.80	24.98	25.00	24.92	26	1
15	QPSK	36	20	24.86	24.85	24.94	24.76	24.68		
15	QPSK	36	39	24.83	24.86	24.86	24.84	25.01		
15	QPSK	75	0	24.93	24.93	24.96	24.85	24.86		
15	16QAM	1	0	25.12	25.29	25.20	25.19	25.21	26	1
15	16QAM	1	37	25.22	25.11	25.22	25.34	25.29		
15	16QAM	1	74	25.19	25.20	25.29	25.37	25.27		
15	16QAM	36	0	24.13	24.07	24.03	23.92	23.98	25	2
15	16QAM	36	20	23.88	23.96	23.92	23.98	24.16		
15	16QAM	36	39	24.14	24.05	24.11	24.05	23.97		
15	16QAM	75	0	24.00	23.89	23.94	24.01	23.99		
15	64QAM	1	0	23.96	23.90	23.97	24.08	23.91	25	2
15	64QAM	1	37	24.12	24.08	24.16	24.10	23.97		
15	64QAM	1	74	23.95	24.04	23.94	24.04	23.86		
15	64QAM	36	0	22.96	22.96	23.00	23.16	23.10	24	3
15	64QAM	36	20	23.08	22.93	23.11	23.10	23.18		
15	64QAM	36	39	23.08	22.99	22.99	22.94	23.01		
15	64QAM	75	0	22.90	22.93	22.98	22.86	22.90		
15	256QAM	1	0	21.04	20.93	21.03	20.96	20.94	22	5
15	256QAM	1	37	21.04	20.88	21.05	21.12	20.97		
15	256QAM	1	74	20.99	21.00	21.07	21.06	20.95		
15	256QAM	36	0	21.15	21.20	21.04	21.19	21.03	22	5
15	256QAM	36	20	20.95	21.05	21.21	21.16	21.09		
15	256QAM	36	39	20.99	21.02	21.00	21.01	21.20		
15	256QAM	75	0	21.01	20.85	20.96	20.96	20.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.96	25.95	26.04	25.81	25.76	27	0
10	QPSK	1	25	25.73	25.98	26.01	25.61	25.75		
10	QPSK	1	49	25.87	25.87	25.90	25.76	25.85		
10	QPSK	25	0	24.91	24.78	24.94	24.98	24.92	26	1
10	QPSK	25	12	24.93	24.84	24.92	24.95	24.75		
10	QPSK	25	25	24.85	24.89	24.81	24.84	24.99		
10	QPSK	50	0	24.92	24.87	24.88	24.90	24.80		
10	16QAM	1	0	25.10	25.23	25.28	25.27	25.28	26	1
10	16QAM	1	25	25.26	25.13	25.30	25.34	25.36		
10	16QAM	1	49	25.23	25.22	25.32	25.33	25.21		
10	16QAM	25	0	24.07	24.04	24.05	23.90	23.99	25	2
10	16QAM	25	12	23.87	24.00	23.92	24.06	24.13		
10	16QAM	25	25	24.15	23.99	24.15	23.97	23.93		
10	16QAM	50	0	23.98	23.87	23.97	23.94	23.99		
10	64QAM	1	0	23.91	23.92	23.94	24.14	23.98	25	2
10	64QAM	1	25	24.12	24.09	24.16	24.15	23.99		
10	64QAM	1	49	23.94	23.98	23.99	24.02	23.90		
10	64Q

GSM1900 Ant9	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	29.69	29.82	29.71	30.50	20.69	20.82	20.71	21.50
GPRS 1 Tx slot	29.67	29.76	29.70	30.50	20.67	20.76	20.70	21.50
GPRS 2 Tx slots	26.74	26.77	26.63	27.50	20.74	20.77	20.63	21.50
GPRS 3 Tx slots	24.91	25.02	24.98	26.00	20.65	20.76	20.72	21.74
GPRS 4 Tx slots	23.80	23.87	23.85	25.00	20.80	20.87	20.85	22.00
EDGE 1 Tx slot	25.90	26.01	25.91	27.00	16.90	17.01	16.91	18.00
EDGE 2 Tx slots	24.68	24.74	24.63	25.50	18.68	18.74	18.63	19.50
EDGE 3 Tx slots	22.05	22.14	22.12	23.00	17.79	17.88	17.86	18.74
EDGE 4 Tx slots	20.48	20.61	20.57	21.50	17.48	17.61	17.57	18.50

Band		WCDMA II Ant9			Tune-up Limit (dBm)	WCDMA IV Ant9			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	20.68	20.74	20.65	22.00	22.23	22.29	22.25	23.00
3GPP Rel 99	RMC 12.2Kbps	20.71	20.75	20.67	22.00	22.31	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.71	19.53	21.00	21.32	21.29	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	19.61	19.64	19.47	21.00	21.25	21.23	21.01	22.00
3GPP Rel 6	HSDPA Subtest-3	19.08	19.04	18.92	20.50	20.71	20.67	20.44	21.50
3GPP Rel 6	HSDPA Subtest-4	19.00	19.03	19.03	20.50	20.58	20.61	20.66	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.52	19.64	19.48	21.00	21.07	21.26	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.54	19.69	19.72	21.00	21.10	21.33	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.15	19.04	19.02	20.50	20.75	20.67	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.10	19.11	19.22	20.50	20.65	20.71	20.75	21.50
3GPP Rel 6	HSUPA Subtest-1	19.61	19.52	19.68	21.00	21.17	21.13	21.29	22.00
3GPP Rel 6	HSUPA Subtest-2	17.46	17.63	17.50	19.00	19.05	19.16	19.09	20.00
3GPP Rel 6	HSUPA Subtest-3	18.76	18.74	18.47	20.00	20.37	20.37	20.03	21.00
3GPP Rel 6	HSUPA Subtest-4	17.69	17.67	17.49	19.00	19.32	19.26	19.09	20.00
3GPP Rel 6	HSUPA Subtest-5	19.69	19.80	19.46	21.00	21.32	21.34	20.98	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.20	17.26	17.13	18.50	18.75	18.83	18.70	19.50

Band 2 Ant9

BW [MHz]	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	21.46	21.51	21.40		
20	QPSK	1	49	21.45	21.38	21.41	22.6	0
20	QPSK	1	99	21.26	21.34	21.42		
20	QPSK	50	0	21.39	21.47	21.45		
20	QPSK	50	24	21.37	21.28	21.39	22.6	0
20	QPSK	50	50	21.32	21.27	21.45		
20	QPSK	100	0	21.27	21.44	21.33		
20	16QAM	1	0	21.42	21.30	21.39		
20	16QAM	1	49	21.27	21.38	21.45	22.6	0
20	16QAM	1	99	21.41	21.27	21.41		
20	16QAM	50	0	20.19	20.29	20.19		
20	16QAM	50	24	20.37	20.22	20.28	22.1	0.5
20	16QAM	50	50	20.37	20.37	20.36		
20	16QAM	100	0	20.34	20.27	20.20		
20	64QAM	1	0	20.35	20.48	20.37		
20	64QAM	1	49	20.57	20.56	20.42	22.1	0.5
20	64QAM	1	99	20.48	20.59	20.38		
20	64QAM	50	0	19.40	19.29	19.36		
20	64QAM	50	24	19.20	19.29	19.39	21.1	1.5
20	64QAM	50	50	19.42	19.19	19.22		
20	64QAM	100	0	19.35	19.30	19.37		
20	256QAM	1	0	17.28	17.37	17.34		
20	256QAM	1	49	17.39	17.33	17.32	19.1	3.5
20	256QAM	1	99	17.34	17.26	17.25		
20	256QAM	50	0	17.35	17.25	17.12		
20	256QAM	50	24	17.34	17.37	17.13	19.1	3.5
20	256QAM	50	50	17.23	17.21	17.37		
20	256QAM	100	0	17.38	17.27	17.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.43	21.29	21.21		
15	QPSK	1	37	21.41	21.18	21.28	22.6	0
15	QPSK	1	74	21.17	21.26	21.29		
15	QPSK	36	0	21.26	21.32	21.24		
15	QPSK	36	20	21.32	21.18	21.34	22.6	0
15	QPSK	36	39	21.30	21.36	21.27		
15	QPSK	75	0	21.19	21.36	21.22		
15	16QAM	1	0	21.27	21.17	21.32		
15	16QAM	1	37	21.24	21.26	21.32	22.6	0
15	16QAM	1	74	21.28	21.14	21.32		
15	16QAM	36	0	20.11	20.22	20.13		
15	16QAM	36	20	20.24	20.17	20.17	22.1	0.5
15	16QAM	36	39	20.24	20.34	20.30		
15	16QAM	75	0	20.24	20.25	20.15		
15	64QAM	1	0	20.30	20.43	20.34		
15	64QAM	1	37	20.52	20.49	20.35	22.1	0.5
15	64QAM	1	74	20.35	20.47	20.26		
15	64QAM	36	0	19.32	19.22	19.25		
15	64QAM	36	20	19.08	19.15	19.34	21.1	1.5
15	64QAM	36	39	19.36	19.09	19.15		
15	64QAM	75	0	19.31	19.18	19.25		
15	256QAM	1	0	17.17	17.32	17.31		
15	256QAM	1	37	17.39	17.27	17.24	19.1	3.5
15	256QAM	1	74	17.25	17.22	17.14		
15	256QAM	36	0	17.31	17.18	17.00		
15	256QAM	36	20	17.29	17.31	17.06	19.1	3.5
15	256QAM	36	39	17.17	17.44	17.33		
15	256QAM	75	0	17.31	17.23	17.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.26	21.35	21.27		
10	QPSK	1	25	21.36	21.22	21.31	22.6	0
10	QPSK	1	49	21.12	21.12	21.35		
10	QPSK	25	0	21.23	21.29	21.31		
10	QPSK	25	12	21.25	21.23	21.27	22.6	0
10	QPSK	25	25	21.13	21.23	21.26		
10	QPSK	50	0	21.13	21.36	21.17		
10	16QAM	1	0	21.34	21.12	21.24		
10	16QAM	1	25	21.21	21.16	21.37	22.6	0
10	16QAM	1	49	21.21	21.20	21.22		
10	16QAM	25	0	20.10	20.16	20.08		
10	16QAM	25	12	20.26	20.12	20.21	22.1	0.5
10	16QAM	25	25	20.30	20.29	20.24		
10	16QAM	50	0	20.23	20.15	20.10		
10	64QAM	1	0	20.30	20.44	20.32		
10	64QAM	1	25	20.48	20.52	20.30	22.1	0.5
10	64QAM	1	49	20.39	20.51	20.32		
10	64QAM	25	0	19.34	19.25	19.24		
10	64QAM	25	12	19.10	19.17	19.30	21.1	1.5
10	64QAM	25	25	19.38	19.13	19.15		
10	64QAM	50	0	19.28	19.21	19.32		
10	256QAM	1	0	17.23	17.39	17.30		
10	256QAM	1	25	17.33	17.27	17.28	19.1	3.5
10	256QAM	1	49	17.27	17.17	17.19		
10	256QAM	25	0	17.23	17.16	17.05		
10	256QAM	25	12	17.24	17.12	17.06	19.1	3.5
10	256QAM	25	25	17.16	17.13	17.32		
10	256QAM	50	0	17.32	17.22	17.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.35	21.31	21.27		
5	QPSK	1	12	21.31	21.32	21.35	22.6	0
5	QPSK	1	24	21.18	21.24	21.34		
5	QPSK	12	0	21.34	21.42	21.32		
5	QPSK	12	7	21.21	21.22	21.26	22.6	0
5	QPSK	12	13	21.26	21.15	21.31		
5	QPSK	25	0	21.24	21.22	21.29		
5	16QAM	1	0	21.31	21.13	21.34		
5	16QAM	1	12	21.11	21.36	21.23	22.6	0
5	16QAM	1	24	21.25	21.20	21.35		
5	16QAM	12	0	20.08	20.20	20.14		
5	16QAM	12	7	20.26	20.12	20.23	22.1	0.5
5	16QAM	12	13	20.31	20.26	20.31		
5	16QAM	25	0	20.27	20.14	20.08		
5	64QAM	1	0	20.24	20.37	20.28		
5	64QAM	1	12	20.45	20.47	20.33	22.1	0.5
5	64QAM	1	24	20.36	20.48	20.27		
5	64QAM	12	0	19.37	19.20	19.33		
5	64QAM	12	7	19.10	19.23	19.28	21.1	1.5
5	64QAM	12	13	19.39	19.13	19.12		
5	64QAM	25	0	19.25	19.22	19.25		
5	256QAM	1	0	17.18	17.33	17.23		
5	256QAM	1	12	17.28	17.21	17.25	19.1	3.5
5	256QAM	1	24	17.25	17.21	17.15		
5	256QAM	12	0	17.04	17.20	17.04		
5	256QAM	12	7	17.23	17.33	17.08	19.1	3.5
5	256QAM	12	13	17.17	17.13	17.24		
5	256QAM	25	0	17.29	17.23	17.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.28	21.43	21.30		
3	QPSK	1	8	21.38	21.33	21.26	22.6	0
3	QPSK	1	14	21.25	21.30	21.35		
3	QPSK	8	0	21.20	21.25	21.34		
3	QPSK	8	4	21.16	21.25	21.26	22.6	0
3	QPSK	8	7	21.17	21.22	21.29		
3	QPSK	15	0	21.17	21.28	21.11		
3	16QAM	1	0	21.24	21.23	21.28		
3	16QAM	1	8	21.24	21.32	21.30	22.6	0
3	16QAM	1	14	21.33	21.20	21.31		
3	16QAM	8	0	20.16	20.21	20.14		
3	16QAM	8	4	20.30	20.10	20.20	22.1	0.5
3	16QAM	8	7	20.32	20.32	20.30		
3	16QAM	15	0	20.30	20.15	20.10		
3	64QAM	1	0	20.26	20.45	20.29		
3	64QAM	1	8	20.45	20.52	20.34	22.1	0.5
3	64QAM	1	14	20.37	20.55	20.26		
3	64QAM	8	0	19.30	19.24	19.33		
3	64QAM	8	4	19.07	19.22	19.31	21.1	1.5
3	64QAM	8	7	19.37	19.12	19.16		
3	64QAM	15	0	19.27	19.21	19.29		
3	256QAM	1	0	17.24	17.33	17.27		
3	256QAM	1	8	17.35	17.30	17.23	19.1	3.5
3	256QAM	1	14	17.28	17.20	17.20		
3	256QAM	8	0	17.30	17.14	17.01		
3	256QAM	8	4	17.24	17.31	17.02	19.1	3.5
3	256QAM	8	7	17.20	17.15	17.34		
3	256QAM	15	0	17.28	17.16	17.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.34	21.38	21.31		
1.4	QPSK	1	3	21.36	21.17	21.22		
1.4	QPSK	1	5	21.06	21.12	21.27	22.6	0
1.4	QPSK	3	0	21.28	21.38	21.36		
1.4	QPSK	3	1	21.33	21.25	21.25		
1.4	QPSK	3	3	21.29	21.08	21.39		
1.4	QPSK	6	0	21.09	21.31	21.11	22.6	0
1.4	16QAM	1	0	21.24	21.23	21.31		
1.4	16QAM	1	3	21.23	21.20	21.34		
1.4	16QAM	1	5	21.30	21.23	21.38	22.6	0
1.4	16QAM	3	0	21.36	21.44	21.22		
1.4	16QAM	3	1	21.32	21.31	21.21		
1.4	16QAM	3	3	21.20	21.14	21.33		
1.4	16QAM	6	0	20.30	20.23	20.13	22.1	0.5
1.4	64QAM	1	0	20.25	20.38	20.29		
1.4	64QAM	1	3	20.51	20.52	20.32		
1.4	64QAM	1	5	20.45	20.46	20.30	22.1	0.5
1.4	64QAM	3	0	20.25	20.38	20.29		
1.4	64QAM	3	1	20.51	20.52	20.32		
1.4	64QAM	3	3	20.45	20.46	20.30		
1.4	64QAM	6	0	19.24	19.25	19.31	21.1	1.5
1.4	256QAM	1	0	17.22	17.27	17.24		
1.4	256QAM	1	3	17.34	17.23	17.26		
1.4	256QAM	1	5	17.28	17.22	17.14	19.1	3.5
1.4	256QAM	3	0	17.30	17.16	17.01		
1.4	256QAM	3	1	17.22	17.27	17.09		
1.4	256QAM	3	3	17.18	17.12	17.34		
1.4	256QAM	6	0	17.30	17.22	17.11	19.1	3.5

Band 4 Ant9

BW [MHz]	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	23.01	23.07	22.99		
20	QPSK	1	49	22.84	22.97	22.81	24	0
20	QPSK	1	99	23.06	22.91	22.93		
20	QPSK	50	0	22.02	22.08	22.00		
20	QPSK	50	24	21.98	21.97	21.97	23	1
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.96	22.03	21.85		
20	16QAM	1	0	22.37	22.37	22.42		
20	16QAM	1	49	22.39	22.47	22.30	23	1
20	16QAM	1	99	22.29	22.28	22.35		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22	2
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.24	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22	2
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.04	20.16	21	3
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19	5
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19	5
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.70	22.84	22.65		
15	QPSK	1	37	22.58	22.69	22.48	24	0
15	QPSK	1	74	22.50	22.80	22.54		
15	QPSK	36	0	21.59	21.77	21.74		
15	QPSK	36	20	21.61	21.76	21.67	23	1
15	QPSK	36	39	21.62	21.77	21.62		
15	QPSK	75	0	21.61	21.76	21.66		
15	16QAM	1	0	21.90	21.95	21.83		
15	16QAM	1	37	21.89	21.84	21.86	23	1
15	16QAM	1	74	22.06	21.85	21.87		
15	16QAM	36	0	20.65	20.74	20.59		
15	16QAM	36	20	20.83	20.63	20.71	22	2
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.65	20.64		
15	64QAM	1	0	20.76	20.94	20.84		
15	64QAM	1	37	20.99	20.99	20.89	22	2
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74		
15	64QAM	36	20	19.58	19.71	19.83	21	3
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77		
15	256QAM	1	37	17.80	17.70	17.77	19	5
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51		
15	256QAM	36	20	17.72	17.77	17.51	19	5
15	256QAM	36	39	17.69	17.77	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.66	22.82	22.65		
10	QPSK	1	25	22.58	22.69	22.44	24	0
10	QPSK	1	49	22.51	22.76	22.52		
10	QPSK	25	0	21.55	21.82	21.67		
10	QPSK	25	12	21.60	21.76	21.68	23	1
10	QPSK	25	25	21.65	21.81	21.59		
10	QPSK	50	0	21.64	21.69	21.68		
10	16QAM	1	0	21.92	21.93	21.83		
10	16QAM	1	25	21.85	21.83	21.88	23	1
10	16QAM	1	49	22.06	21.91	21.94		
10	16QAM	25	0	20.62	20.73	20.58		
10	16QAM	25	12	20.78	20.60	20.74	22	2
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.58	20.59		
10	64QAM	1	0	20.78	20.91	20.77		
10	64QAM	1	25	20.96	20.93	20.82	22	2
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76		
10	64QAM	25	12	19.66	19.75	19.79	21	3
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81		
10	256QAM	1	25	17.78	17.74	17.71	19	5
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55		
10	256QAM	25	12	17.70	17.70	17.59	19	5
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.84	22.58		
5	QPSK	1	12	22.59	22.71	22.49	24	0
5	QPSK	1	24	22.55	22.84	22.52		
5	QPSK	12	0	21.57	21.80	21.75		
5	QPSK	12	7	21.57	21.78	21.68	23	1
5	QPSK	12	13	21.70	21.66	21.61		
5	QPSK	25	0	21.60	21.71	21.71		
5	16QAM	1	0	21.94	21.96	21.85		
5	16QAM	1	12	21.83	21.83	21.91	23	1
5	16QAM	1	24	22.10	21.87	21.90		
5	16QAM	12	0	20.63	20.70	20.56		
5	16QAM	12	7	20.76	20.62	20.72	22	2
5	16QAM	12	13	20.80	20.75	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79		
5	64QAM	1	12	21.04	20.96	20.84	22	2
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74		
5	64QAM	12	7	19.61	19.68	19.85	21	3
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.76	19.78		
5	256QAM	1	0	17.74	17.82	17.75		
5	256QAM	1	12	17.82	17.77	17.70	19	5
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55		
5	256QAM	12	7	17.75	17.77	17.54	19	5
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.62	22.79	22.65		
3	QPSK	1	8	22.54	22.71	22.50	24	0
3	QPSK	1	14	22.52	22.79	22.48		
3	QPSK	8	0	21.60	21.82	21.71		
3	QPSK	8	4	21.56	21.71	21.68	23	1
3	QPSK	8	7	21.66	21.70	21.61		
3	QPSK	15	0	21.61	21.70	21.68		
3	16QAM	1	0	21.90	21.96	21.92		
3	16QAM	1	8	21.82	21.90	21.82	23	1
3	16QAM	1	14	22.12	21.84	21.85		
3	16QAM	8	0	20.61	20.67	20.66		
3	16QAM	8	4	20.78	20.60	20.73	22	2
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78		
3	64QAM	1	8	20.97	21.01	20.80	22	2
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75		
3	64QAM	8	4	19.61	19.71	19.83	21	3
3	64QAM	8	7	19.80	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78		
3	256QAM	1	8	17.83	17.80	17.76	19	5
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59		
3	256QAM	8	4	17.71	17.79	17.51	19	5
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.80	17.66	17.61		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.76	22.46		
1.4	QPSK	1	3	22.50	22.59	22.45		
1.4	QPSK	1	5	22.40	22.64	22.45	24	0
1.4	QPSK	3	0	22.60	22.75	22.53		
1.4	QPSK	3	1	22.50	22.60	22.37		
1.4	QPSK	3	3	22.38	22.70	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.87	21.88	21.79		
1.4	16QAM	1	3	21.72	21.74	21.86		
1.4	16QAM	1	5	21.96	21.81	21.78	23	1
1.4	16QAM	3	0	21.80	21.96	21.80		
1.4	16QAM	3	1	21.77	21.75	21.78		
1.4	16QAM	3	3	21.99	21.82	21.77		
1.4	16QAM	6	0	20.74	20.63	20.50	22	2
1.4	64QAM	1	0	20.62	20.85	20.72		
1.4	64QAM	1	3	20.90	20.98	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71	22	2
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.89	20.89	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21	3
1.4	256QAM	1	0	17.66	17.69	17.63		
1.4	256QAM	1	3	17.73	17.81	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53	19	5
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	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	20.70	20.73	20.65		
20	QPSK	1	49	20.47	20.66	20.49	22.1	0
20	QPSK	1	99	20.54	20.58	20.65		
20	QPSK	50	0	20.65	20.71	20.69		
20	QPSK	50	24	20.67	20.50	20.59	22.1	0
20	QPSK	50	50	20.53	20.56	20.66		
20	QPSK	100	0	20.52	20.66	20.58		
20	16QAM	1	0	20.56	20.46	20.66		
20	16QAM	1	49	20.50	20.53	20.62	22.1	0
20	16QAM	1	99	20.66

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BW [MHz]	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	23.05	23.11	22.85	24	0
20	QPSK	1	49	23.03	22.90	22.91		
20	QPSK	1	99	22.94	23.01	22.83		
20	QPSK	50	0	21.91	21.98	21.91	23	1
20	QPSK	50	24	21.76	21.78	21.71		
20	QPSK	50	50	21.81	21.91	21.92		
20	QPSK	100	0	21.85	21.95	21.89		
20	16QAM	1	0	22.30	22.29	22.16	23	1
20	16QAM	1	49	22.26	22.31	22.35		
20	16QAM	1	99	22.22	22.25	22.36		
20	16QAM	50	0	20.83	20.93	20.90	22	2
20	16QAM	50	24	20.86	20.92	20.83		
20	16QAM	50	50	20.92	20.95	20.83		
20	16QAM	100	0	20.87	20.93	21.00		
20	64QAM	1	0	20.99	21.06	20.96	22	2
20	64QAM	1	49	21.02	21.10	21.15		
20	64QAM	1	99	21.06	21.09	21.16		
20	64QAM	50	0	20.03	19.92	19.98	21	3
20	64QAM	50	24	19.83	19.99	19.93		
20	64QAM	50	50	19.93	19.88	19.89		
20	64QAM	100	0	19.97	19.93	20.00		
20	256QAM	1	0	18.07	18.01	18.05	19	5
20	256QAM	1	49	17.96	18.01	18.04		
20	256QAM	1	99	18.06	18.08	17.94		
20	256QAM	50	0	17.91	17.89	17.86	19	5
20	256QAM	50	24	17.85	18.00	17.93		
20	256QAM	50	50	17.92	17.98	17.80		
20	256QAM	100	0	17.96	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.81	22.87	22.65	24	0
15	QPSK	1	37	22.71	22.82	22.62		
15	QPSK	1	74	22.84	22.75	22.45		
15	QPSK	36	0	21.66	21.77	21.75	23	1
15	QPSK	36	20	21.67	21.61	21.80		
15	QPSK	36	39	21.70	21.68	21.65		
15	QPSK	75	0	21.59	21.69	21.61		
15	16QAM	1	0	22.08	22.02	22.08	23	1
15	16QAM	1	37	21.97	22.11	21.89		
15	16QAM	1	74	22.03	21.96	21.86		
15	16QAM	36	0	20.80	20.75	20.84	22	2
15	16QAM	36	20	20.72	20.77	20.89		
15	16QAM	36	39	20.72	20.67	20.64		
15	16QAM	75	0	20.64	20.72	20.72		
15	64QAM	1	0	20.93	20.86	20.96	22	2
15	64QAM	1	37	20.85	20.95	20.99		
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	19.79	19.74	19.89	21	3
15	64QAM	36	20	19.69	19.84	19.80		
15	64QAM	36	39	19.74	19.84	19.70		
15	64QAM	75	0	19.66	19.73	19.92		
15	256QAM	1	0	17.57	17.70	17.61	19	5
15	256QAM	1	37	17.63	17.80	17.76		
15	256QAM	1	74	17.72	17.83	17.72		
15	256QAM	36	0	17.64	17.74	17.66	19	5
15	256QAM	36	20	17.80	17.63	17.67		
15	256QAM	36	39	17.82	17.76	17.83		
15	256QAM	75	0	17.65	17.70	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.76	22.90	22.71	24	0
10	QPSK	1	25	22.75	22.85	22.58		
10	QPSK	1	49	22.78	22.73	22.48		
10	QPSK	25	0	21.72	21.73	21.68	23	1
10	QPSK	25	12	21.72	21.56	21.79		
10	QPSK	25	25	21.69	21.77	21.70		
10	QPSK	50	0	21.55	21.71	21.57		
10	16QAM	1	0	22.09	21.98	22.10	23	1
10	16QAM	1	25	22.01	22.09	21.96		
10	16QAM	1	49	22.05	21.92	21.89		
10	16QAM	25	0	20.76	20.70	20.86	22	2
10	16QAM	25	12	20.66	20.81	20.83		
10	16QAM	25	25	20.73	20.70	20.58		
10	16QAM	50	0	20.67	20.72	20.72		
10	64QAM	1	0	20.90	20.85	21.02	22	2
10	64QAM	1	25	20.82	21.00	20.98		
10	64QAM	1	49	20.88	20.99	20.96		
10	64QAM	25	0	19.75	19.76	19.80	21	3
10	64QAM	25	12	19.77	19.82	19.77		
10	64QAM	25	25	19.70	19.84	19.68		
10	64QAM	50	0	19.71	19.76	19.92		
10	256QAM	1	0	17.64	17.71	17.68	19	5
10	256QAM	1	25	17.62	17.78	17.80		
10	256QAM	1	49	17.69	17.82	17.71		
10	256QAM	25	0	17.70	17.78	17.69	19	5
10	256QAM	25	12	17.79	17.63	17.67		
10	256QAM	25	25	17.83	17.81	17.80		
10	256QAM	50	0	17.63	17.78	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.80	22.83	22.66	24	0
5	QPSK	1	12	22.76	22.84	22.60		
5	QPSK	1	24	22.82	22.79	22.48		
5	QPSK	12	0	21.65	21.73	21.74	23	1
5	QPSK	12	7	21.70	21.57	21.78		
5	QPSK	12	13	21.73	21.74	21.68		
5	QPSK	25	0	21.54	21.70	21.57		
5	16QAM	1	0	22.02	22.01	22.10	23	1
5	16QAM	1	12	21.99	22.05	21.89		
5	16QAM	1	24	22.05	21.93	21.87		
5	16QAM	12	0	20.82	20.78	20.78	22	2
5	16QAM	12	7	20.67	20.75	20.86		
5	16QAM	12	13	20.73	20.71	20.58		
5	16QAM	25	0	20.64	20.75	20.82		
5	64QAM	1	0	20.96	20.84	20.96	22	2
5	64QAM	1	12	20.79	20.96	21.02		
5	64QAM	1	24	20.89	20.97	21.00		
5	64QAM	12	0	19.78	19.74	19.82	21	3
5	64QAM	12	7	19.74	19.78	19.78		
5	64QAM	12	13	19.66	19.79	19.66		
5	64QAM	25	0	19.75	19.80	19.82		
5	256QAM	1	0	17.65	17.72	17.62	19	5
5	256QAM	1	12	17.61	17.75	17.76		
5	256QAM	1	24	17.69	17.84	17.65		
5	256QAM	12	0	17.64	17.72	17.69	19	5
5	256QAM	12	7	17.81	17.67	17.66		
5	256QAM	12	13	17.79	17.78	17.84		
5	256QAM	25	0	17.60	17.71	17.84		
Channel				131972	132222	132472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.76	22.90	22.63	24	0
3	QPSK	1	8	22.76	22.84	22.54		
3	QPSK	1	14	22.81	22.80	22.45		
3	QPSK	8	0	21.65	21.72	21.75	23	1
3	QPSK	8	4	21.69	21.55	21.74		
3	QPSK	8	7	21.71	21.69	21.69		
3	QPSK	15	0	21.52	21.72	21.64		
3	16QAM	1	0	22.07	21.99	22.06	23	1
3	16QAM	1	8	22.01	22.12	21.93		
3	16QAM	1	14	22.02	21.96	21.88		
3	16QAM	8	0	20.84	20.74	20.80	22	2
3	16QAM	8	4	20.66	20.76	20.93		
3	16QAM	8	7	20.79	20.70	20.63		
3	16QAM	15	0	20.63	20.75	20.82		
3	64QAM	1	0	20.91	20.90	20.96	22	2
3	64QAM	1	8	20.82	21.04	20.98		
3	64QAM	1	14	20.88	21.06	21.04		
3	64QAM	8	0	19.82	19.74	19.90	21	3
3	64QAM	8	4	19.69	19.76	19.80		
3	64QAM	8	7	19.66	19.84	19.71		
3	64QAM	15	0	19.69	19.79	19.89		
3	256QAM	1	0	17.56	17.67	17.59	19	5
3	256QAM	1	8	17.55	17.78	17.75		
3	256QAM	1	14	17.68	17.85	17.67		
3	256QAM	8	0	17.70	17.70	17.68	19	5
3	256QAM	8	4	17.81	17.59	17.65		
3	256QAM	8	7	17.82	17.79	17.85		
3	256QAM	15	0	17.65	17.74	17.84		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.66	22.76	22.48	24	0
1.4	QPSK	1	3	22.50	22.64	22.39		
1.4	QPSK	1	5	22.36	22.71	22.46		
1.4	QPSK	3	0	22.65	22.72	22.48		
1.4	QPSK	3	1	22.48	22.64	22.40		
1.4	QPSK	3	3	22.36	22.70	22.37		
1.4	QPSK	6	0	21.53	21.73	21.58	23	1
1.4	16QAM	1	0	21.80	21.90	21.77	23	1
1.4	16QAM	1	3	21.77	21.75	21.80		
1.4	16QAM	1	5	22.02	21.85	21.75		
1.4	16QAM	3	0	21.82	21.91	21.76		
1.4	16QAM	3	1	21.73	21.72	21.78		
1.4	16QAM	3	3	21.95	21.85	21.76		
1.4	16QAM	6	0	20.72	20.65	20.57	22	2
1.4	64QAM	1	0	20.65	20.77	20.69	22	2
1.4	64QAM	1	3	20.96	20.95	20.74		
1.4	64QAM	1	5	20.91	20.86	20.69		
1.4	64QAM	3	0	20.65	20.81	20.74		
1.4	64QAM	3	1	20.90	20.99	20.69		
1.4	64QAM	3	3	20.84	20.83	20.73		
1.4	64QAM	6	0	19.68	19.65	19.76	21	3
1.4	256QAM	1	0	17.67	17.73	17.66	19	5
1.4	256QAM	1	3	17.76	17.66	17.71		
1.4	256QAM	1	5	17.65	17.68	17.60		
1.4	256QAM	3	0	17.75	17.55	17.47		
1.4	256QAM	3	1	17.65	17.71	17.53		
1.4	256QAM	3	3	17.58	17.57	17.79		
1.4	256QAM	6	0	17.73	17.61	17.52	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.21	23.11	24	0
20	QPSK	1	49	23.02	23.10	23.07		
20	QPSK	1	99	23.06	23.11	22.98		
20	QPSK	50	0	22.21	22.25	22.10	23	1
20	QPSK	50	24	22.11	22.09	22.20		
20	QPSK	50	50	22.09	22.12	22.09		
20	QPSK	100	0	22.13	22.17	22.04		
20	16QAM	1	0	22.29	22.26	22.26	23	1
20	16QAM	1	49	22.23	22.20	22.30		
20	16QAM	1	99	22.19	22.34	22.25		
20	16QAM	50	0	21.41	21.29	21.34	22	2
20	16QAM	50	24	21.29	21.41	21.34		
20	16QAM	50	50	21.41	21.20	21.20		
20	16QAM	100	0	21.26	21.24	21.30		
20	64QAM	1	0	21.07	20.98	20.93	22	2
20	64QAM	1	49	20.96	20.91	20.88		
20	64QAM	1	99	20.85	21.08	21.07		
20	64QAM	50	0	20.35	20.31	20.36	21	3
20	64QAM	50	24	20.43	20.26	20.37		
20	64QAM	50	50	20.24	20.34	20.22		
20	64QAM	100	0	20.14	20.21	20.11		
20	256QAM	1	0	18.19	18.13	18.06	19	5
20	256QAM	1	49	18.12	18.22	18.24		
20	256QAM	1	99	18.07	18.02	18.17		
20	256QAM	50	0	18.19	18.32	18.22	19	5
20	256QAM	50	24	18.37	18.25	18.44		
20	256QAM	50	50	18.26	18.26	18.34		
20	256QAM	100	0	18.33	18.22	18.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.07	23.05	23.05	24	0
15	QPSK	1	37	22.93	23.01	23.00		
15	QPSK	1	74	22.97	23.05	22.91		
15	QPSK	36	0	22.02	22.10	21.99	23	1
15	QPSK	36	20	21.93	21.94	22.11		
15	QPSK	36	39	22.00	22.04	22.01		
15	QPSK	75	0	21.95	21.98	21.90		
15	16QAM	1	0	22.10	22.07	22.20	23	1
15	16QAM	1	37	22.04	22.06	22.14		
15	16QAM	1	74	22.03	22.29	22.11		
15	16QAM	36	0	21.31	21.23	21.21	22	2
15	16QAM	36	20	21.24	21.34	21.27		
15	16QAM	36	39	21.25	21.08	21.04		
15	16QAM	75	0	21.16	21.07	21.25		
15	64QAM	1	0	20.98	20.88	20.82	22	2
15	64QAM	1	37	20.85	20.74	20.77		
15	64QAM	1	74	20.72	20.89	20.91		
15	64QAM	36	0	20.25	20.11	20.25	21	3
15	64QAM	36	20	20.37	20.11	20.18		
15	64QAM	36	39	20.10	20.20	20.17		
15	64QAM	75	0	20.07	20.16	19.93		
15	256QAM	1	0	18.14	17.93	17.96	19	5
15	256QAM	1	37	18.00	18.08	18.11		
15	256QAM	1	74	17.94	17.94	18.00		
15	256QAM	36	0	18.04	18.16	18.15	19	5
15	256QAM	36	20	18.28	18.10	18.31		
15	256QAM	36	39	18.15	18.14	18.27		
15	256QAM	75	0	18.14	18.07	17.92		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.15	22.96	24	0
10	QPSK	1	25	22.83	23.03	22.91		
10	QPSK	1	49	22.94	22.99	22.88		
10	QPSK	25	0	22.13	22.08	21.94	23	1
10	QPSK	25	12	22.00	22.02	22.08		
10	QPSK	25	25	21.98	22.07	21.95		
10	QPSK	50	0	22.00	21.99	21.93		
10	16QAM	1	0	22.25	22.16	22.07	23	1
10	16QAM	1	25	22.18	22.04	22.25		
10	16QAM	1	49	22.04	22.19	22.21		
10	16QAM	25	0	21.35	21.24	21.14	22	2
10	16QAM	25	12	21.12	21.29	21.15		
10	16QAM	25	25	21.31	21.11	21.15		
10	16QAM	50	0	21.18	21.16	21.11		
10	64QAM	1	0	20.98	20.90	20.84	22	2
10	64QAM	1	25	20.83	20.85	20.73		
10	64QAM	1	49	20.80	21.03	20.99		
10	64QAM	25	0	20.26	20.13	20.19	21	3
10	64QAM	25	12	20.25	20.11	20.22		
10	64QAM	25	25	20.06	20.15	20.15		
10	64QAM	50	0	20.01	20.12	19.94		
10	256QAM	1	0	18.03	17.94	17.92	19	5
10	256QAM	1	25	18.04	18.07	18.15		
10	256QAM	1	49	17.93	17.94	18.09		
10	256QAM	25	0	17.99	18.14	18.15	19	5
10	256QAM	25	12	18.22	18.19	18.29		
10	256QAM	25	25	18.17	18.18	18.25		
10	256QAM	50	0	18.23	18.18	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.98	23.11	23.02	24	0
5	QPSK	1	12	22.88	22.97	22.87		
5	QPSK	1	24	22.95	23.04	22.84		
5	QPSK	12	0	22.02	22.14	22.00	23	1
5	QPSK	12	7	21.97	21.92	22.08		
5	QPSK	12	13	21.98	21.97	21.98		
5	QPSK	25	0	22.06	22.02	21.93		
5	16QAM	1	0	22.16	22.21	22.20	23	1
5	16QAM	1	12	22.06	22.05	22.17		
5	16QAM	1	24	22.08	22.26	22.15		
5	16QAM	12	0	21.29	21.21	21.27	22	2
5	16QAM	12	7	21.10	21.22	21.23		
5	16QAM	12	13	21.31	21.13	21.02		
5	16QAM	25	0	21.14	21.09	21.23		
5	64QAM	1	0	20.90	20.86	20.74	22	2
5	64QAM	1	12	20.90	20.82	20.75		
5	64QAM	1	24	20.72	21.01	21.02		
5	64QAM	12	0	20.23	20.21	20.22	21	3
5	64QAM	12	7	20.28	20.21	20.19		
5	64QAM	12	13	20.18	20.21	20.09		
5	64QAM	25	0	20.10	20.07	20.02		
5	256QAM	1	0	18.08	18.08	17.87	19	5
5	256QAM	1	12	18.06	18.11	18.14		
5	256QAM	1	24	17.96	17.85	18.05		
5	256QAM	12	0	18.07	18.13	18.04	19	5
5	256QAM	12	7	18.31	18.19	18.38		
5	256QAM	12	13	18.22	18.19	18.16		
5	256QAM	25	0	18.14	18.18	17.93		

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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	23.24	23.15	23.32	23.02	22.99	24	0
20	QPSK	1	49	23.10	23.14	23.28	22.87	23.00		
20	QPSK	1	99	23.01	23.17	23.17	22.94	23.04		
20	QPSK	50	0	22.21	22.18	22.27	22.23	22.09	23	1
20	QPSK	50	24	22.12	22.08	22.26	22.09	22.05		
20	QPSK	50	50	22.25	22.10	22.19	22.23	22.12		
20	QPSK	100	0	22.13	22.13	22.21	22.13	22.18		
20	16QAM	1	0	22.43	22.37	22.31	22.40	22.25	23	1
20	16QAM	1	49	22.34	22.21	22.21	22.21	22.43		
20	16QAM	1	99	22.33	22.25	22.43	22.23	22.19		
20	16QAM	50	0	21.38	21.25	21.26	21.24	21.38	22	2
20	16QAM	50	24	21.28	21.15	21.32	21.27	21.32		
20	16QAM	50	50	21.38	21.28	21.14	21.23	21.37		
20	16QAM	100	0	21.20	21.18	21.23	21.10	21.14		
20	64QAM	1	0	21.05	20.85	20.95	21.00	21.02	22	2
20	64QAM	1	49	20.94	20.82	20.96	20.92	20.88		
20	64QAM	1	99	21.07	21.01	20.90	20.88	20.97		
20	64QAM	50	0	20.21	20.35	20.29	20.41	20.28	21	3
20	64QAM	50	24	20.34	20.36	20.33	20.29	20.20		
20	64QAM	50	50	20.32	20.42	20.21	20.36	20.25		
20	64QAM	100	0	20.30	20.14	20.19	20.26	20.08		
20	256QAM	1	0	18.01	18.18	18.10	18.00	18.00	19	5
20	256QAM	1	49	18.11	18.15	18.07	18.19	18.17		
20	256QAM	1	99	18.04	18.12	18.06	17.98	18.06		
20	256QAM	50	0	18.36	18.35	18.30	18.40	18.20	19	5
20	256QAM	50	24	18.39	18.37	18.33	18.19	18.31		
20	256QAM	50	50	18.20	18.32	18.23	18.42	18.32		
20	256QAM	100	0	18.17	18.29	18.19	18.17	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	23.13	23.03	23.25	22.97	22.91	24	0
15	QPSK	1	37	22.98	23.09	23.16	22.77	22.88		
15	QPSK	1	74	22.96	23.05	22.98	22.83	22.94		
15	QPSK	36	0	22.04	22.05	22.21	22.14	21.91	23	1
15	QPSK	36	20	22.04	22.03	22.07	21.94	21.86		
15	QPSK	36	39	22.13	21.99	22.05	22.19	21.96		
15	QPSK	75	0	21.99	21.98	22.02	22.09	22.04		
15	16QAM	1	0	22.36	22.21	22.24	22.24	22.17	23	1
15	16QAM	1	37	22.20	22.13	22.15	22.14	22.28		
15	16QAM	1	74	22.26	22.21	22.24	22.19	22.07		
15	16QAM	36	0	21.22	21.06	21.13	21.06	21.28	22	2
15	16QAM	36	20	21.18	21.05	21.15	21.13	21.18		
15	16QAM	36	39	21.28	21.13	21.08	21.10	21.17		
15	16QAM	75	0	21.11	21.02	21.17	20.98	20.94		
15	64QAM	1	0	20.92	20.73	20.84	20.88	20.83	22	2
15	64QAM	1	37	20.77	20.70	20.83	20.72	20.76		
15	64QAM	1	74	20.98	20.83	20.83	20.68	20.80		
15	64QAM	36	0	20.12	20.27	20.19	20.29	20.15	21	3
15	64QAM	36	20	20.21	20.23	20.19	20.15	20.04		
15	64QAM	36	39	20.24	20.32	20.15	20.23	20.10		
15	64QAM	75	0	20.13	20.07	20.10	20.07	19.89		
15	256QAM	1	0	17.85	17.98	18.02	17.90	17.87	19	5
15	256QAM	1	37	18.04	18.01	17.99	18.00	17.97		
15	256QAM	1	74	17.84	18.08	18.01	17.90	17.90		
15	256QAM	36	0	18.30	18.21	18.21	18.31	18.03	19	5
15	256QAM	36	20	18.32	18.28	18.18	18.04	18.16		
15	256QAM	36	39	18.07	18.17	18.14	18.26	18.12		
15	256QAM	75	0	17.98	18.13	18.01	18.08	18.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.04	23.06	23.18	22.91	22.88	24	0
10	QPSK	1	25	22.91	23.07	23.15	22.80	22.90		
10	QPSK	1	49	22.86	23.02	23.00	22.88	22.92		
10	QPSK	25	0	22.12	22.13	22.12	22.04	21.93	23	1
10	QPSK	25	12	21.93	21.99	22.10	22.02	21.93		
10	QPSK	25	25	22.07	22.05	22.11	22.18	22.05		
10	QPSK	50	0	22.07	22.07	22.10	21.97	21.99		
10	16QAM	1	0	22.28	22.20	22.26	22.25	22.14	23	1
10	16QAM	1	25	22.18	22.13	22.11	22.04	22.26		
10	16QAM	1	49	22.19	22.19	22.35	22.06	22.08		
10	16QAM	25	0	21.27	21.21	21.16	21.12	21.19	22	2
10	16QAM	25	12	21.15	21.10	21.26	21.10	21.27		
10	16QAM	25	25	21.26	21.18	21.08	21.16	21.33		
10	16QAM	50	0	21.05	21.08	21.10	20.91	20.95		
10	64QAM	1	0	20.97	20.74	20.80	20.89	20.82	22	2
10	64QAM	1	25	20.89	20.67	20.82	20.84	20.78		
10	64QAM	1	49	21.01	20.87	20.77	20.80	20.85		
10	64QAM	25	0	20.14	20.23	20.23	20.36	20.14	21	3
10	64QAM	25	12	20.26	20.26	20.14	20.16	20.00		
10	64QAM	25	25	20.16	20.37	20.02	20.17	20.14		
10	64QAM	50	0	20.21	20.06	20.14	20.16	19.89		
10	256QAM	1	0	17.95	18.10	18.02	17.80	17.90	19	5
10	256QAM	1	25	18.01	18.08	18.00	18.08	18.01		
10	256QAM	1	49	17.89	18.04	17.88	17.92	17.90		
10	256QAM	25	0	18.22	18.18	18.20	18.33	18.09	19	5
10	256QAM	25	12	18.25	18.32	18.15	18.05	18.22		
10	256QAM	25	25	18.06	18.22	18.05	18.25	18.15		
10	256QAM	50	0	17.98	18.14	18.03	17.99	18.04		
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	23.19	23.07	23.18	22.95	22.91	24	0
5	QPSK	1	12	23.03	22.99	23.18	22.77	22.93		
5	QPSK	1	24	22.96	23.06	23.03	22.83	22.89		
5	QPSK	12	0	22.12	22.13	22.08	22.18	21.92	23	1
5	QPSK	12	7	22.04	22.03	22.13	21.89	21.90		
5	QPSK	12	13	22.10	21.92	22.14	22.09	22.06		
5	QPSK	25	0	22.04	21.98	22.03	22.00	22.04		
5	16QAM	1	0	22.23	22.18	22.18	22.36	22.17	23	1
5	16QAM	1	12	22.21	22.05	22.05	22.09	22.28		
5	16QAM	1	24	22.19	22.20	22.38	22.10	22.09		
5	16QAM	12	0	21.25	21.19	21.14	21.16	21.23	22	2
5	16QAM	12	7	21.16	21.06	21.15	21.18	21.13		
5	16QAM	12	13	21.27	21.20	21.02	21.13	21.30		
5	16QAM	25	0	21.10	21.06	21.08	21.03	21.00		
5	64QAM	1	0	20.89	20.78	20.77	20.91	20.90	22	2
5	64QAM	1	12	20.87	20.73	20.85	20.73	20.82		
5	64QAM	1	24	20.89	20.84	20.83	20.75	20.89		
5	64QAM	12	0	20.10	20.29	20.12	20.32	20.21	21	3
5	64QAM	12	7	20.23	20.26	20.15	20.16	20.02		
5	64QAM	12	13	20.23	20.23	20.06	20.29	20.12		
5	64QAM	25	0	20.26	20.08	20.06	20.19	19.94		
5	256QAM	1	0	17.87	18.04	18.01	17.88	17.85	19	5
5	256QAM	1	12	18.05	18.09	17.96	17.99	18.12		
5	256QAM	1	24	17.97	17.98	18.02	17.93	17.96		
5	256QAM	12	0	18.25	18.22	18.14	18.29	18.11	19	5
5	256QAM	12	7	18.31	18.33	18.18	18.14	18.19		
5	256QAM	12	13	18.07	18.25	18.15	18.38	18.18		
5	256QAM	25	0	18.09	18.15	17.99	18.00	18.02		

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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	24.91	24.90	24.97	24.86	24.85	25.8	0
20	QPSK	1	49	24.93	24.90	24.88	24.76	24.73		
20	QPSK	1	99	24.86	24.78	24.86	24.83	24.84		
20	QPSK	50	0	24.92	24.85	24.95	24.70	24.74	25.8	0
20	QPSK	50	24	24.70	24.81	24.78	24.82	24.70		
20	QPSK	50	50	24.76	24.89	24.89	24.73	24.86		
20	QPSK	100	0	24.90	24.78	24.93	24.78	24.73		
20	16QAM	1	0	24.81	24.94	24.81	24.82	24.88	25.8	0
20	16QAM	1	49	24.82	24.77	24.90	24.74	24.90		
20	16QAM	1	99	24.81	24.80	24.82	24.75	24.76		
20	16QAM	50	0	24.17	24.21	24.26	24.32	24.32	25.3	0.5
20	16QAM	50	24	24.14	24.30	24.39	24.28	24.39		
20	16QAM	50	50	24.17	24.39	24.33	24.23	24.32		
20	16QAM	100	0	24.17	24.28	24.21	24.21	24.14		
20	64QAM	1	0	24.15	24.33	24.26	24.25	24.14	25.3	0.5
20	64QAM	1	49	24.22	24.16	24.17	24.25	24.17		
20	64QAM	1	99	24.36	24.27	24.15	24.24	24.16		
20	64QAM	50	0	23.42	23.27	23.30	23.40	23.35	24.3	1.5
20	64QAM	50	24	23.33	23.33	23.20	23.27	23.32		
20	64QAM	50	50	23.40	23.40	23.39	23.24	23.21		
20	64QAM	100	0	23.22	23.10	23.19	23.26	23.32		
20	256QAM	1	0	21.34	21.23	21.27	21.20	21.28	22.3	3.5
20	256QAM	1	49	21.35	21.25	21.35	21.35	21.31		
20	256QAM	1	99	21.33	21.33	21.39	21.17	21.20		
20	256QAM	50	0	21.23	21.27	21.30	21.18	21.21	22.3	3.5
20	256QAM	50	24	21.34	21.28	21.20	21.33	21.40		
20	256QAM	50	50	21.23	21.31	21.33	21.19	21.31		
20	256QAM	100	0	21.26	21.16	21.19	21.13	21.17		
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	24.74	24.70	24.88	24.69	24.69	26	0
15	QPSK	1	37	24.82	24.81	24.75	24.59	24.60		
15	QPSK	1	74	24.78	24.75	24.66	24.77	24.73		
15	QPSK	36	0	24.73	24.81	24.81	24.64	24.67	25.8	0
15	QPSK	36	20	24.51	24.72	24.58	24.79	24.55		
15	QPSK	36	39	24.54	24.68	24.71	24.61	24.82		
15	QPSK	75	0	24.69	24.60	24.75	24.60	24.68		
15	16QAM	1	0	24.64	24.89	24.76	24.77	24.69	25.8	0
15	16QAM	1	37	24.74	24.60	24.80	24.71	24.77		
15	16QAM	1	74	24.65	24.65	24.72	24.60	24.71		
15	16QAM	36	0	23.99	24.08	24.21	24.27	24.14	25.3	0.5
15	16QAM	36	20	23.98	24.17	24.24	24.13	24.23		
15	16QAM	36	39	24.12	24.30	24.18	24.11	24.14		
15	16QAM	75	0	24.06	24.15	24.13	24.05	24.00		
15	64QAM	1	0	23.97	24.22	24.10	24.07	23.99	25.3	0.5
15	64QAM	1	37	24.12	24.07	23.99	24.09	24.11		
15	64QAM	1	74	24.18	24.12	24.10	24.13	24.04		
15	64QAM	36	0	23.30	23.16	23.18	23.30	23.21	24.3	1.5
15	64QAM	36	20	23.16	23.26	23.10	23.17	23.28		
15	64QAM	36	39	23.29	23.35	23.26	23.07	23.10		
15	64QAM	75	0	23.12	22.90	23.11	23.18	23.19		
15	256QAM	1	0	21.16	21.08	21.10	21.04	21.13	22.3	3.5
15	256QAM	1	37	21.26	21.05	21.22	21.23	21.18		
15	256QAM	1	74	21.15	21.14	21.28	21.07	21.10		
15	256QAM	36	0	21.16	21.18	21.26	20.98	21.17	22.3	3.5
15	256QAM	36	20	21.28	21.08	21.11	21.26	21.30		
15	256QAM	36	39	21.13	21.23	21.15	21.09	21.12		
15	256QAM	75	0	21.07	21.02	21.08	20.98	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.89	24.85	24.77	24.73	24.73	26	0
10	QPSK	1	25	24.77	24.74	24.78	24.68	24.63		
10	QPSK	1	49	24.75	24.58	24.65	24.76	24.70		
10	QPSK	25	0	24.78	24.82	24.81	24.49	24.69	25.8	0
10	QPSK	25	12	24.58	24.62	24.62	24.67	24.65		
10	QPSK	25	25	24.71	24.79	24.84	24.52	24.67		
10	QPSK	50	0	24.81	24.75	24.78	24.61	24.64		
10	16QAM	1	0	24.62	24.78	24.75	24.75	24.70	25.8	0
10	16QAM	1	25	24.74	24.60	24.87	24.65	24.72		
10	16QAM	1	49	24.72	24.60	24.62	24.63	24.71		
10	16QAM	25	0	24.03	24.15	24.10	24.24	24.22	25.3	0.5
10	16QAM	25	12	24.03	24.24	24.33	24.24	24.22		
10	16QAM	25	25	24.02	24.34	24.15	24.12	24.19		
10	16QAM	50	0	24.09	24.12	24.06	24.08	24.06		
10	64QAM	1	0	24.09	24.26	24.13	24.13	24.00	25.3	0.5
10	64QAM	1	25	24.18	24.00	24.12	24.10	24.09		
10	64QAM	1	49	24.31	24.14	24.04	24.16	24.08		
10	64QAM	25	0	23.26	23.13	23.21	23.20	23.27	24.3	1.5
10	64QAM	25	12	23.19	23.26	23.14	23.14	23.25		
10	64QAM	25	25	23.22	23.32	23.22	23.16	23.07		
10	64QAM	50	0	23.16	23.00	23.11	23.13	23.19		
10	256QAM	1	0	21.29	21.04	21.15	21.14	21.14	22.3	3.5
10	256QAM	1	25	21.19	21.20	21.27	21.29	21.11		
10	256QAM	1	49	21.23	21.26	21.33	21.01	21.12		
10	256QAM	25	0	21.12	21.23	21.12	21.04	21.16	22.3	3.5
10	256QAM	25	12	21.14	21.11	21.01	21.22	21.31		
10	256QAM	25	25	21.05	21.22	21.15	21.02	21.18		
10	256QAM	50	0	21.08	21.02	21.00	21.07	21.00		
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	24.76	24.88	24.79	24.82	24.71	26	0
5	QPSK	1	12	24.79	24.69	24.71	24.64	24.64		
5	QPSK	1	24	24.84	24.68	24.71	24.62	24.81		
5	QPSK	12	0	24.82	24.75	24.82	24.50	24.55	25.8	0
5	QPSK	12	7	24.59	24.67	24.72	24.71	24.62		
5	QPSK	12	13	24.67	24.87	24.78	24.68	24.70		
5	QPSK	25	0	24.86	24.72	24.77	24.68	24.57		
5	16QAM	1	0	24.78	24.82	24.66	24.76	24.69	25.8	0
5	16QAM	1	12	24.61	24.72	24.71	24.57	24.73		
5	16QAM	1	24	24.68	24.69	24.79	24.70	24.73		
5	16QAM	12	0	24.06	24.06	24.19	24.18	24.23	25.3	0.5
5	16QAM	12	7	23.95	24.23	24.35	24.09	24.27		
5	16QAM	12	13	24.05	24.27	24.14	24.13	24.14		
5	16QAM	25	0	24.06	24.17	24.04	24.07	23.96		
5	64QAM	1	0	24.00	24.21	24.07	24.19	24.05	25.3	0.5
5	64QAM	1	12	24.14	24.11	24.03	24.15	23.99		
5	64QAM	1	24	24.17	24.20	23.99	24.17	24.07		
5	64QAM	12	0	23.28	23.10	23.18	23.20	23.19	24.3	1.5
5	64QAM	12	7	23.15	23.16	23.01	23.12	23.25		
5	64QAM	12	13	23.21	23.36	23.21	23.07	23.07		
5	64QAM	25	0	23.07	23.01	23.09	23.16	23.15		
5	256QAM	1	0	21.20	21.05	21.10	21.13	21.19	22.3	3.5
5	256QAM	1	12	21.26	21.16	21.31	21.25	21.20		
5	256QAM	1	24	21.16	21.25	21.27	20.97	21.10		
5	256QAM	12	0	21.05	21.15	21.14	21.10	21.16	22.3	3.5
5	256QAM	12	7	21.24	21.20	21.01	21.14	21.34		
5	256QAM	12	13	21.17	21.15	21.13	21.13	21.20		
5	256QAM	25	0	21.20	21.06	21.14	20.93	21.13		

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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	17.57	17.62	17.56	18.6	0
20	QPSK	1	49	17.41	17.58	17.48		
20	QPSK	1	99	17.41	17.58	17.59		
20	QPSK	50	0	17.40	17.58	17.38	18.6	0
20	QPSK	50	24	17.44	17.57	17.56		
20	QPSK	50	50	17.36	17.45	17.39		
20	QPSK	100	0	17.37	17.56	17.43		
20	16QAM	1	0	17.57	17.45	17.44	18.6	0
20	16QAM	1	49	17.41	17.46	17.54		
20	16QAM	1	99	17.49	17.36	17.37		
20	16QAM	50	0	17.56	17.59	17.39	18.6	0
20	16QAM	50	24	17.54	17.44	17.58		
20	16QAM	50	50	17.44	17.39	17.36		
20	16QAM	100	0	17.59	17.45	17.40		
20	64QAM	1	0	17.55	17.47	17.50	18.6	0
20	64QAM	1	49	17.57	17.39	17.57		
20	64QAM	1	99	17.60	17.44	17.44		
20	64QAM	50	0	17.42	17.49	17.54	18.6	0
20	64QAM	50	24	17.38	17.45	17.41		
20	64QAM	50	50	17.52	17.49	17.39		
20	64QAM	100	0	17.55	17.55	17.44		
20	256QAM	1	0	16.83	16.75	16.74	18.6	0
20	256QAM	1	49	16.85	16.72	16.77		
20	256QAM	1	99	16.82	16.63	16.70		
20	256QAM	50	0	17.06	16.96	17.02	18.6	0
20	256QAM	50	24	17.05	16.85	17.04		
20	256QAM	50	50	16.87	16.99	17.08		
20	256QAM	100	0	16.80	16.93	16.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.45	17.44	17.42	18.6	0
15	QPSK	1	37	17.36	17.38	17.37		
15	QPSK	1	74	17.35	17.53	17.40		
15	QPSK	36	0	17.21	17.49	17.20	18.6	0
15	QPSK	36	20	17.26	17.38	17.49		
15	QPSK	36	39	17.33	17.26	17.23		
15	QPSK	75	0	17.32	17.49	17.24		
15	16QAM	1	0	17.51	17.35	17.36	18.6	0
15	16QAM	1	37	17.35	17.24	17.52		
15	16QAM	1	74	17.28	17.22	17.20		
15	16QAM	36	0	17.52	17.54	17.24	18.6	0
15	16QAM	36	20	17.46	17.26	17.51		
15	16QAM	36	39	17.35	17.22	17.17		
15	16QAM	75	0	17.40	17.33	17.19		
15	64QAM	1	0	17.51	17.32	17.36	18.6	0
15	64QAM	1	37	17.51	17.23	17.52		
15	64QAM	1	74	17.48	17.31	17.40		
15	64QAM	36	0	17.28	17.31	17.37	18.6	0
15	64QAM	36	20	17.18	17.36	17.23		
15	64QAM	36	39	17.31	17.30	17.32		
15	64QAM	75	0	17.42	17.39	17.39		
15	256QAM	1	0	16.70	16.57	16.56	18.6	0
15	256QAM	1	37	16.72	16.54	16.65		
15	256QAM	1	74	16.71	16.55	16.54		
15	256QAM	36	0	16.93	16.84	16.92	18.6	0
15	256QAM	36	20	16.89	16.73	16.96		
15	256QAM	36	39	16.67	16.83	16.92		
15	256QAM	75	0	16.64	16.84	16.92		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.48	17.43	17.51	18.6	0
10	QPSK	1	25	17.29	17.46	17.40		
10	QPSK	1	49	17.30	17.39	17.47		
10	QPSK	25	0	17.36	17.45	17.27	18.6	0
10	QPSK	25	12	17.34	17.46	17.36		
10	QPSK	25	25	17.21	17.25	17.34		
10	QPSK	50	0	17.20	17.50	17.24		
10	16QAM	1	0	17.46	17.33	17.38	18.6	0
10	16QAM	1	25	17.30	17.26	17.43		
10	16QAM	1	49	17.31	17.27	17.22		
10	16QAM	25	0	17.53	17.52	17.35	18.6	0
10	16QAM	25	12	17.34	17.26	17.45		
10	16QAM	25	25	17.40	17.36	17.25		
10	16QAM	50	0	17.55	17.35	17.24		
10	64QAM	1	0	17.50	17.36	17.32	18.6	0
10	64QAM	1	25	17.50	17.36	17.45		
10	64QAM	1	49	17.58	17.41	17.26		
10	64QAM	25	0	17.31	17.35	17.50	18.6	0
10	64QAM	25	12	17.22	17.41	17.38		
10	64QAM	25	25	17.32	17.29	17.37		
10	64QAM	50	0	17.40	17.44	17.29		
10	256QAM	1	0	16.71	16.69	16.68	18.6	0
10	256QAM	1	25	16.79	16.56	16.64		
10	256QAM	1	49	16.78	16.44	16.56		
10	256QAM	25	0	17.00	16.90	16.95	18.6	0
10	256QAM	25	12	16.90	16.68	16.98		
10	256QAM	25	25	16.78	16.85	16.92		
10	256QAM	50	0	16.74	16.82	16.79		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.36	17.51	17.45	18.6	0
5	QPSK	1	12	17.33	17.41	17.28		
5	QPSK	1	24	17.21	17.53	17.48		
5	QPSK	12	0	17.27	17.43	17.29	18.6	0
5	QPSK	12	7	17.24	17.54	17.51		
5	QPSK	12	13	17.26	17.34	17.20		
5	QPSK	25	0	17.32	17.45	17.28		
5	16QAM	1	0	17.43	17.43	17.23	18.6	0
5	16QAM	1	12	17.34	17.30	17.52		
5	16QAM	1	24	17.28	17.26	17.22		
5	16QAM	12	0	17.51	17.41	17.31	18.6	0
5	16QAM	12	7	17.43	17.40	17.54		
5	16QAM	12	13	17.24	17.19	17.33		
5	16QAM	25	0	17.48	17.25	17.22		
5	64QAM	1	0	17.52	17.26	17.45	18.6	0
5	64QAM	1	12	17.41	17.33	17.40		
5	64QAM	1	24	17.44	17.29	17.38		
5	64QAM	12	0	17.20	17.39	17.45	18.6	0
5	64QAM	12	7	17.36	17.33	17.20		
5	64QAM	12	13	17.47	17.39	17.25		
5	64QAM	25	0	17.48	17.49	17.35		
5	256QAM	1	0	16.77	16.58	16.67	18.6	0
5	256QAM	1	12	16.77	16.58	16.64		
5	256QAM	1	24	16.62	16.50	16.56		
5	256QAM	12	0	16.96	16.89	16.87	18.6	0
5	256QAM	12	7	16.92	16.66	16.96		
5	256QAM	12	13	16.80	16.84	17.02		
5	256QAM	25	0	16.60	16.86	16.77		

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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	17.19	17.22	17.14	18.3	0
20	QPSK	1	49	17.03	17.08	17.09		
20	QPSK	1	99	17.15	17.16	16.95		
20	QPSK	50	0	16.94	17.19	17.12	18.3	0
20	QPSK	50	24	17.13	17.09	17.15		
20	QPSK	50	50	17.08	17.10	17.18		
20	QPSK	100	0	17.03	17.15	16.96		
20	16QAM	1	0	17.06	17.18	17.05	18.3	0
20	16QAM	1	49	17.05	17.19	17.00		
20	16QAM	1	99	17.14	16.94	16.96		
20	16QAM	50	0	17.10	17.15	17.17	18.3	0
20	16QAM	50	24	17.13	17.09	17.15		
20	16QAM	50	50	17.16	17.19	17.18		
20	16QAM	100	0	17.04	17.16	17.05		
20	64QAM	1	0	17.09	17.06	16.94	18.3	0
20	64QAM	1	49	16.96	17.03	17.04		
20	64QAM	1	99	16.95	17.11	17.19		
20	64QAM	50	0	16.69	16.78	16.68	18.3	0
20	64QAM	50	24	16.81	16.80	16.80		
20	64QAM	50	50	16.67	16.74	16.81		
20	64QAM	100	0	16.67	16.72	16.71		
20	256QAM	1	0	15.06	15.10	15.19	16.3	2
20	256QAM	1	49	15.16	15.22	15.20		
20	256QAM	1	99	15.18	15.05	15.10		
20	256QAM	50	0	15.14	15.18	15.14	16.3	2
20	256QAM	50	24	15.09	15.08	15.18		
20	256QAM	50	50	15.21	15.20	15.15		
20	256QAM	100	0	15.06	15.13	15.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.04	17.18	17.12	18.3	0
15	QPSK	1	37	16.86	16.87	16.96		
15	QPSK	1	74	17.13	17.12	16.85		
15	QPSK	36	0	16.78	17.11	17.03	18.3	0
15	QPSK	36	20	17.11	17.02	16.93		
15	QPSK	36	39	17.06	17.00	17.10		
15	QPSK	75	0	16.89	17.04	16.77		
15	16QAM	1	0	16.98	17.09	16.92	18.3	0
15	16QAM	1	37	16.96	17.10	16.80		
15	16QAM	1	74	17.07	16.76	16.74		
15	16QAM	36	0	16.94	17.08	17.18	18.3	0
15	16QAM	36	20	17.08	16.90	17.03		
15	16QAM	36	39	17.05	17.03	16.99		
15	16QAM	75	0	16.91	17.06	16.86		
15	64QAM	1	0	17.05	17.00	16.78	18.3	0
15	64QAM	1	37	16.79	16.94	16.97		
15	64QAM	1	74	16.87	16.93	17.02		
15	64QAM	36	0	16.50	16.65	16.57	18.3	0
15	64QAM	36	20	16.70	16.75	16.61		
15	64QAM	36	39	16.61	16.55	16.66		
15	64QAM	75	0	16.53	16.58	16.62		
15	256QAM	1	0	14.92	14.92	15.03	16.3	2
15	256QAM	1	37	15.00	15.02	15.12		
15	256QAM	1	74	15.08	15.00	14.92		
15	256QAM	36	0	15.09	15.10	15.02	16.3	2
15	256QAM	36	20	15.00	14.90	15.03		
15	256QAM	36	39	15.03	15.11	15.07		
15	256QAM	75	0	14.86	14.94	15.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.12	17.10	17.11	18.3	0
10	QPSK	1	25	17.00	16.95	16.92		
10	QPSK	1	49	17.06	17.05	16.78		
10	QPSK	25	0	16.79	16.99	16.93	18.3	0
10	QPSK	25	12	16.92	17.06	17.11		
10	QPSK	25	25	17.05	17.03	17.05		
10	QPSK	50	0	16.86	17.10	16.86		
10	16QAM	1	0	16.88	17.08	16.83	18.3	0
10	16QAM	1	25	16.85	17.06	16.97		
10	16QAM	1	49	17.02	16.81	16.88		
10	16QAM	25	0	16.94	17.04	17.18	18.3	0
10	16QAM	25	12	17.12	16.93	16.98		
10	16QAM	25	25	17.00	17.12	17.04		
10	16QAM	50	0	16.92	17.02	16.90		
10	64QAM	1	0	17.04	16.90	16.78	18.3	0
10	64QAM	1	25	16.90	16.88	16.91		
10	64QAM	1	49	16.78	17.03	17.05		
10	64QAM	25	0	16.59	16.61	16.60	18.3	0
10	64QAM	25	12	16.76	16.75	16.67		
10	64QAM	25	25	16.58	16.62	16.65		
10	64QAM	50	0	16.48	16.62	16.59		
10	256QAM	1	0	14.99	14.91	15.07	16.3	2
10	256QAM	1	25	15.06	15.12	15.04		
10	256QAM	1	49	15.04	14.99	15.04		
10	256QAM	25	0	15.01	15.10	14.98	16.3	2
10	256QAM	25	12	14.98	14.93	14.99		
10	256QAM	25	25	15.16	15.14	14.99		
10	256QAM	50	0	14.92	15.04	15.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.02	17.12	16.95	18.3	0
5	QPSK	1	12	16.92	16.99	17.05		
5	QPSK	1	24	17.07	17.06	16.78		
5	QPSK	12	0	16.80	17.12	17.08	18.3	0
5	QPSK	12	7	17.03	16.92	17.04		
5	QPSK	12	13	17.06	17.05	17.16		
5	QPSK	25	0	16.94	16.97	16.83		
5	16QAM	1	0	16.89	17.11	17.01	18.3	0
5	16QAM	1	12	16.94	17.00	16.96		
5	16QAM	1	24	17.02	16.86	16.89		
5	16QAM	12	0	17.02	17.06	17.18	18.3	0
5	16QAM	12	7	17.13	16.95	16.97		
5	16QAM	12	13	16.98	17.12	17.09		
5	16QAM	25	0	16.96	17.06	16.91		
5	64QAM	1	0	16.95	16.89	16.77	18.3	0
5	64QAM	1	12	16.80	16.98	16.94		
5	64QAM	1	24	16.86	17.00	17.00		
5	64QAM	12	0	16.50	16.66	16.50	18.3	0
5	64QAM	12	7	16.72	16.65	16.75		
5	64QAM	12	13	16.52	16.56	16.74		
5	64QAM	25	0	16.52	16.61	16.65		
5	256QAM	1	0	14.96	14.97	15.03	16.3	2
5	256QAM	1	12	15.10	15.11	15.01		
5	256QAM	1	24	15.11	14.96	14.96		
5	256QAM	12	0	14.95	15.08	15.08	16.3	2
5	256QAM	12	7	15.04	15.01	15.02		
5	256QAM	12	13	15.01	15.16	15.02		
5	256QAM	25	0	14.93	14.96	15.04		

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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	21.96	22.01	21.88	23	0
20	QPSK	1	49	21.89	22.00	21.86		
20	QPSK	1	99	21.84	21.83	21.63		
20	QPSK	50	0	20.88	21.09	21.01	22	1
20	QPSK	50	24	21.04	20.96	20.97		
20	QPSK	50	50	21.04	20.90	21.03		
20	QPSK	100	0	21.00	21.07	20.86		
20	16QAM	1	0	21.04	20.97	20.89	22	1
20	16QAM	1	49	20.97	21.05	20.94		
20	16QAM	1	99	21.02	21.08	21.08		
20	16QAM	50	0	20.12	20.09	20.13	21	2
20	16QAM	50	24	20.18	20.08	20.14		
20	16QAM	50	50	20.05	20.18	20.08		
20	16QAM	100	0	20.21	20.10	20.14		
20	64QAM	1	0	19.84	19.72	19.71	21	2
20	64QAM	1	49	19.66	19.63	19.79		
20	64QAM	1	99	19.69	19.65	19.70		
20	64QAM	50	0	19.23	19.13	19.08	20	3
20	64QAM	50	24	19.04	19.13	19.12		
20	64QAM	50	50	19.21	19.10	19.09		
20	64QAM	100	0	19.05	19.08	18.96		
20	256QAM	1	0	16.93	16.85	16.84	18	5
20	256QAM	1	49	16.95	16.74	16.94		
20	256QAM	1	99	16.95	16.85	16.76		
20	256QAM	50	0	16.99	17.09	17.03	18	5
20	256QAM	50	24	17.06	17.14	17.19		
20	256QAM	50	50	17.19	16.99	17.18		
20	256QAM	100	0	17.02	17.05	16.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.88	21.78	23	0
15	QPSK	1	37	21.72	21.88	21.78		
15	QPSK	1	74	21.76	21.77	21.56		
15	QPSK	36	0	20.84	20.96	20.88	22	1
15	QPSK	36	20	20.94	20.86	20.85		
15	QPSK	36	39	20.90	20.83	20.84		
15	QPSK	75	0	20.93	21.01	20.77		
15	16QAM	1	0	20.87	20.81	20.84	22	1
15	16QAM	1	37	20.90	20.96	20.79		
15	16QAM	1	74	20.82	20.94	20.99		
15	16QAM	36	0	19.98	19.96	20.03	21	2
15	16QAM	36	20	20.09	20.00	20.01		
15	16QAM	36	39	19.96	19.99	19.90		
15	16QAM	75	0	20.03	20.02	19.99		
15	64QAM	1	0	19.72	19.60	19.61	21	2
15	64QAM	1	37	19.51	19.50	19.62		
15	64QAM	1	74	19.56	19.47	19.65		
15	64QAM	36	0	19.16	19.04	18.93	20	3
15	64QAM	36	20	18.84	19.08	18.97		
15	64QAM	36	39	19.09	18.94	18.93		
15	64QAM	75	0	18.96	19.04	18.85		
15	256QAM	1	0	16.76	16.81	16.72	18	5
15	256QAM	1	37	16.86	16.54	16.88		
15	256QAM	1	74	16.77	16.75	16.69		
15	256QAM	36	0	16.86	17.00	16.98	18	5
15	256QAM	36	20	17.00	17.02	17.09		
15	256QAM	36	39	17.01	16.89	17.11		
15	256QAM	75	0	16.93	16.93	16.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.79	21.89	21.74	23	0
10	QPSK	1	25	21.84	21.82	21.69		
10	QPSK	1	49	21.70	21.73	21.50		
10	QPSK	25	0	20.71	21.01	20.86	22	1
10	QPSK	25	12	20.96	20.91	20.90		
10	QPSK	25	25	20.93	20.78	20.87		
10	QPSK	50	0	20.89	20.91	20.82		
10	16QAM	1	0	20.86	20.90	20.69	22	1
10	16QAM	1	25	20.86	20.96	20.85		
10	16QAM	1	49	20.97	20.92	20.94		
10	16QAM	25	0	19.94	19.94	19.96	21	2
10	16QAM	25	12	20.05	19.99	20.00		
10	16QAM	25	25	19.85	20.09	20.03		
10	16QAM	50	0	20.08	19.90	19.94		
10	64QAM	1	0	19.75	19.53	19.61	21	2
10	64QAM	1	25	19.56	19.46	19.59		
10	64QAM	1	49	19.60	19.46	19.58		
10	64QAM	25	0	19.11	19.04	18.94	20	3
10	64QAM	25	12	18.86	18.94	18.93		
10	64QAM	25	25	19.12	18.96	19.03		
10	64QAM	50	0	18.94	18.90	18.79		
10	256QAM	1	0	16.81	16.70	16.76	18	5
10	256QAM	1	25	16.75	16.68	16.81		
10	256QAM	1	49	16.75	16.75	16.68		
10	256QAM	25	0	16.86	16.91	16.84	18	5
10	256QAM	25	12	16.94	17.01	17.09		
10	256QAM	25	25	17.06	16.79	17.01		
10	256QAM	50	0	16.87	16.89	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.90	21.95	21.74	23	0
5	QPSK	1	12	21.71	21.85	21.68		
5	QPSK	1	24	21.71	21.76	21.49		
5	QPSK	12	0	20.80	20.94	20.84	22	1
5	QPSK	12	7	20.86	20.77	20.88		
5	QPSK	12	13	20.98	20.73	20.85		
5	QPSK	25	0	20.81	20.89	20.76		
5	16QAM	1	0	20.89	20.83	20.80	22	1
5	16QAM	1	12	20.77	20.86	20.77		
5	16QAM	1	24	20.86	20.99	20.88		
5	16QAM	12	0	20.05	19.89	20.03	21	2
5	16QAM	12	7	19.99	19.99	20.09		
5	16QAM	12	13	19.98	20.14	19.94		
5	16QAM	25	0	20.13	19.99	20.00		
5	64QAM	1	0	19.74	19.55	19.64	21	2
5	64QAM	1	12	19.57	19.57	19.65		
5	64QAM	1	24	19.56	19.49	19.59		
5	64QAM	12	0	19.07	18.94	18.98	20	3
5	64QAM	12	7	18.85	18.93	18.99		
5	64QAM	12	13	19.02	18.93	19.02		
5	64QAM	25	0	18.92	18.94	18.78		
5	256QAM	1	0	16.87	16.69	16.72	18	5
5	256QAM	1	12	16.89	16.66	16.81		
5	256QAM	1	24	16.75	16.71	16.70		
5	256QAM	12	0	16.89	16.91	16.96	18	5
5	256QAM	12	7	16.89	16.99	17.02		
5	256QAM	12	13	17.02	16.90	17.11		
5	256QAM	25	0	16.90	16.90	16.77		

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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	21.12	21.33	21.26	22.5	0
20	QPSK	1	49	20.94	21.25	21.22		
20	QPSK	1	99	21.02	21.13	21.18		
20	QPSK	50	0	20.21	20.33	20.14	21.5	1
20	QPSK	50	24	20.17	20.26	20.15		
20	QPSK	50	50	20.23	20.21	20.14		
20	QPSK	100	0	20.23	20.31	20.16		
20	16QAM	1	0	20.43	20.44	20.56	21.5	1
20	16QAM	1	49	20.39	20.49	20.33		
20	16QAM	1	99	20.49	20.51	20.54		
20	16QAM	50	0	19.32	19.35	19.25	20.5	2
20	16QAM	50	24	19.31	19.39	19.27		
20	16QAM	50	50	19.28	19.42	19.29		
20	16QAM	100	0	19.37	19.34	19.21		
20	64QAM	1	0	19.21	19.24	19.24	20.5	2
20	64QAM	1	49	19.11	19.24	19.17		
20	64QAM	1	99	19.15	19.22	19.24		
20	64QAM	50	0	18.26	18.37	18.29	19.5	3
20	64QAM	50	24	18.36	18.38	18.45		
20	64QAM	50	50	18.48	18.46	18.31		
20	64QAM	100	0	18.44	18.32	18.40		
20	256QAM	1	0	16.42	16.29	16.21	17.5	5
20	256QAM	1	49	16.28	16.38	16.24		
20	256QAM	1	99	16.27	16.22	16.34		
20	256QAM	50	0	16.31	16.38	16.30	17.5	5
20	256QAM	50	24	16.34	16.43	16.26		
20	256QAM	50	50	16.43	16.31	16.42		
20	256QAM	100	0	16.41	16.32	16.24		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.95	21.23	21.19	22.5	0
15	QPSK	1	37	20.88	21.14	21.17		
15	QPSK	1	74	20.95	20.97	20.99		
15	QPSK	36	0	20.06	20.22	20.10	21.5	1
15	QPSK	36	20	20.11	20.12	20.02		
15	QPSK	36	39	20.06	20.05	20.04		
15	QPSK	75	0	20.12	20.18	20.04		
15	16QAM	1	0	20.34	20.37	20.47	21.5	1
15	16QAM	1	37	20.23	20.43	20.24		
15	16QAM	1	74	20.40	20.36	20.50		
15	16QAM	36	0	19.25	19.23	19.15	20.5	2
15	16QAM	36	20	19.27	19.31	19.18		
15	16QAM	36	39	19.15	19.30	19.11		
15	16QAM	75	0	19.21	19.26	19.08		
15	64QAM	1	0	19.15	19.13	19.10	20.5	2
15	64QAM	1	37	19.06	19.18	19.03		
15	64QAM	1	74	19.10	19.17	19.20		
15	64QAM	36	0	18.10	18.28	18.20	19.5	3
15	64QAM	36	20	18.22	18.28	18.35		
15	64QAM	36	39	18.34	18.34	18.14		
15	64QAM	75	0	18.27	18.19	18.23		
15	256QAM	1	0	16.34	16.20	16.14	17.5	5
15	256QAM	1	37	16.10	16.32	16.16		
15	256QAM	1	74	16.15	16.16	16.16		
15	256QAM	36	0	16.12	16.33	16.15	17.5	5
15	256QAM	36	20	16.17	16.36	16.12		
15	256QAM	36	39	16.35	16.25	16.23		
15	256QAM	75	0	16.30	16.24	16.07		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.99	21.21	21.19	22.5	0
10	QPSK	1	25	20.84	21.15	21.08		
10	QPSK	1	49	20.92	21.01	21.05		
10	QPSK	25	0	20.08	20.24	19.95	21.5	1
10	QPSK	25	12	20.10	20.17	20.09		
10	QPSK	25	25	20.15	20.04	19.98		
10	QPSK	50	0	20.09	20.23	20.07		
10	16QAM	1	0	20.31	20.30	20.45	21.5	1
10	16QAM	1	25	20.26	20.41	20.22		
10	16QAM	1	49	20.31	20.43	20.47		
10	16QAM	25	0	19.13	19.21	19.16	20.5	2
10	16QAM	25	12	19.19	19.26	19.22		
10	16QAM	25	25	19.20	19.34	19.20		
10	16QAM	50	0	19.27	19.17	19.02		
10	64QAM	1	0	19.07	19.06	19.06	20.5	2
10	64QAM	1	25	19.05	19.13	19.03		
10	64QAM	1	49	19.02	19.09	19.06		
10	64QAM	25	0	18.18	18.26	18.22	19.5	3
10	64QAM	25	12	18.22	18.23	18.27		
10	64QAM	25	25	18.37	18.40	18.23		
10	64QAM	50	0	18.27	18.17	18.34		
10	256QAM	1	0	16.33	16.13	16.01	17.5	5
10	256QAM	1	25	16.13	16.21	16.19		
10	256QAM	1	49	16.14	16.12	16.21		
10	256QAM	25	0	16.26	16.20	16.19	17.5	5
10	256QAM	25	12	16.16	16.26	16.07		
10	256QAM	25	25	16.25	16.24	16.24		
10	256QAM	50	0	16.31	16.20	16.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.08	21.13	21.13	22.5	0
5	QPSK	1	12	20.77	21.06	21.16		
5	QPSK	1	24	20.95	21.05	21.14		
5	QPSK	12	0	20.15	20.23	20.05	21.5	1
5	QPSK	12	7	20.03	20.14	20.08		
5	QPSK	12	13	20.19	20.08	20.03		
5	QPSK	25	0	20.18	20.15	20.09		
5	16QAM	1	0	20.34	20.35	20.49	21.5	1
5	16QAM	1	12	20.25	20.35	20.13		
5	16QAM	1	24	20.32	20.43	20.50		
5	16QAM	12	0	19.12	19.25	19.08	20.5	2
5	16QAM	12	7	19.14	19.22	19.14		
5	16QAM	12	13	19.09	19.29	19.18		
5	16QAM	25	0	19.26	19.16	19.05		
5	64QAM	1	0	19.16	19.19	19.18	20.5	2
5	64QAM	1	12	19.01	19.12	19.12		
5	64QAM	1	24	19.04	19.08	19.14		
5	64QAM	12	0	18.19	18.23	18.20	19.5	3
5	64QAM	12	7	18.28	18.32	18.31		
5	64QAM	12	13	18.30	18.28	18.14		
5	64QAM	25	0	18.31	18.15	18.27		
5	256QAM	1	0	16.38	16.22	16.01	17.5	5
5	256QAM	1	12	16.09	16.18	16.05		
5	256QAM	1	24	16.22	16.11	16.28		
5	256QAM	12	0	16.26	16.29	16.21	17.5	5
5	256QAM	12	7	16.18	16.26	16.14		
5	256QAM	12	13	16.29	16.19	16.26		
5	256QAM	25	0	16.27	16.14	16.08		

Reduced Power Mode for ECI3

GSM850 Ant0	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	31.87	31.95	31.92	33.50	22.87	22.95	22.92	24.50
GPRS 1 Tx slot	31.77	31.86	31.74	33.50	22.77	22.86	22.74	24.50
GPRS 2 Tx slots	28.85	28.88	28.81	29.50	22.85	22.88	22.81	23.50
GPRS 3 Tx slots	27.13	27.17	27.04	28.00	22.87	22.91	22.78	23.74
GPRS 4 Tx slots	25.88	25.94	25.88	27.50	22.88	22.94	22.88	24.50
EDGE 1 Tx slot	26.34	26.40	26.26	27.50	17.34	17.40	17.26	18.50
EDGE 2 Tx slots	25.11	25.22	25.17	26.00	19.11	19.22	19.17	20.00
EDGE 3 Tx slots	23.03	23.07	23.03	24.00	18.77	18.81	18.77	19.74
EDGE 4 Tx slots	21.78	21.85	21.71	23.00	18.78	18.85	18.71	20.00

GSM1900 Ant0	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	27.49	27.51	27.55	28.50	18.49	18.51	18.55	19.50
GPRS 1 Tx slot	27.31	27.51	27.34	28.50	18.31	18.51	18.34	19.50
GPRS 2 Tx slots	24.34	24.59	24.46	25.50	18.34	18.59	18.46	19.50
GPRS 3 Tx slots	22.70	22.79	22.66	24.00	18.44	18.53	18.40	19.74
GPRS 4 Tx slots	21.72	21.86	21.84	23.00	18.72	18.86	18.84	20.00
EDGE 1 Tx slot	24.46	24.60	24.52	25.50	15.46	15.60	15.52	16.50
EDGE 2 Tx slots	23.22	23.26	23.14	24.00	17.22	17.26	17.14	18.00
EDGE 3 Tx slots	20.70	20.81	20.78	22.00	16.44	16.55	16.52	17.74
EDGE 4 Tx slots	19.00	19.06	18.99	20.00	16.00	16.06	15.99	17.00

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			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	17.19	17.37	17.35	18.40	17.69	17.67	17.64	18.70	22.19	22.27	22.11	23.00
3GPP Rel 99	RMC 12.2Kbps	17.21	17.38	17.36	18.40	17.73	17.74	17.62	18.70	22.21	22.28	22.12	23.00
3GPP Rel 6	HSDPA Subtest-1	16.21	16.39	15.97	17.40	16.63	16.60	16.63	17.70	21.24	21.28	21.21	22.00
3GPP Rel 6	HSDPA Subtest-2	15.98	16.29	15.97	17.40	16.47	16.51	16.66	17.70	21.15	21.20	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	15.73	15.69	15.61	16.90	16.24	16.31	16.26	17.20	20.81	20.85	20.72	21.50
3GPP Rel 6	HSDPA Subtest-4	15.80	15.78	15.56	16.90	16.33	16.06	16.24	17.20	20.80	20.73	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.10	16.44	16.08	17.40	16.41	16.68	16.49	17.70	21.31	21.25	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.05	16.38	16.42	17.40	16.61	16.87	16.69	17.70	21.25	21.34	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.48	15.82	15.57	16.90	16.03	16.36	16.14	17.20	20.75	20.75	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.68	15.58	15.58	16.90	16.27	16.23	15.94	17.20	20.83	20.71	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	16.32	16.35	16.13	17.40	16.77	16.83	16.47	17.70	21.34	21.37	21.00	22.00
3GPP Rel 6	HSUPA Subtest-2	14.11	14.31	14.37	15.40	14.85	14.71	14.74	15.70	19.12	19.30	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	15.26	15.13	15.10	16.40	15.73	15.64	15.59	16.70	20.13	20.39	20.01	21.00
3GPP Rel 6	HSUPA Subtest-4	14.18	14.26	13.84	15.40	14.51	14.80	14.74	15.70	19.26	19.38	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	16.20	16.12	16.33	17.40	16.60	16.48	16.37	17.70	21.32	21.28	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.80	13.81	13.78	14.90	14.06	13.90	13.74	15.20	18.64	18.86	18.75	19.50

Band 2 Ant0

BW [MHz]	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	17.13	17.19	17.09	18.4	0
20	QPSK	1	49	17.02	17.05	16.98		
20	QPSK	1	99	17.01	17.04	16.98		
20	QPSK	50	0	17.10	17.15	17.03		
20	QPSK	50	24	17.08	17.10	17.11	18.4	0
20	QPSK	50	50	17.08	16.95	16.98		
20	QPSK	100	0	17.01	17.13	17.09		
20	16QAM	1	0	17.05	17.02	17.14		
20	16QAM	1	49	17.11	17.00	17.05	18.4	0
20	16QAM	1	99	17.05	17.05	17.00		
20	16QAM	50	0	17.13	17.01	16.95		
20	16QAM	50	24	16.99	17.06	17.03	18.4	0
20	16QAM	50	50	17.17	17.12	17.11		
20	16QAM	100	0	17.06	17.15	17.16		
20	64QAM	1	0	17.04	17.00	17.04	18.4	0
20	64QAM	1	49	16.98	17.13	16.98		
20	64QAM	1	99	17.14	16.96	17.16		
20	64QAM	50	0	17.08	17.04	17.03	18.4	0
20	64QAM	50	24	17.00	16.99	17.06		
20	64QAM	50	50	17.18	17.06	17.02		
20	64QAM	100	0	17.00	17.12	17.10		
20	256QAM	1	0	16.22	16.36	16.26	17.4	1
20	256QAM	1	49	16.37	16.39	16.25		
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24	17.4	1
20	256QAM	50	24	16.21	16.26	16.19		
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.03	17.04	17.03	18.4	0
15	QPSK	1	37	16.81	17.03	16.94		
15	QPSK	1	74	16.98	16.87	16.90		
15	QPSK	36	0	16.88	16.97	16.90		
15	QPSK	36	20	17.04	16.94	16.99		
15	QPSK	36	39	16.91	16.76	16.86		
15	QPSK	75	0	16.86	17.06	16.91		
15	16QAM	1	0	16.90	16.81	17.10	18.4	0
15	16QAM	1	37	16.92	16.97	16.94		
15	16QAM	1	74	16.91	16.93	16.94		
15	16QAM	36	0	16.96	16.91	16.81		
15	16QAM	36	20	16.96	16.90	16.94	18.4	0
15	16QAM	36	39	17.11	17.06	16.99		
15	16QAM	75	0	16.93	16.97	17.13		
15	64QAM	1	0	16.84	16.96	16.90	18.4	0
15	64QAM	1	37	16.79	17.06	16.83		
15	64QAM	1	74	17.12	16.92	16.94		
15	64QAM	36	0	16.95	16.87	16.93	18.4	0
15	64QAM	36	20	16.83	16.81	17.02		
15	64QAM	36	39	16.99	17.02	17.00		
15	64QAM	75	0	16.89	17.00	16.98		
15	256QAM	1	0	16.13	16.26	16.15	17.4	1
15	256QAM	1	37	16.27	16.34	16.17		
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16	17.4	1
15	256QAM	36	20	16.15	16.20	16.11		
15	256QAM	36	39	16.18	16.35	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.10	17.06	17.05	18.4	0
10	QPSK	1	25	16.91	16.88	16.81		
10	QPSK	1	49	16.97	16.72	16.77		
10	QPSK	25	0	17.01	17.10	16.87	18.4	0
10	QPSK	25	12	16.89	16.99	16.92		
10	QPSK	25	25	17.04	16.86	16.79		
10	QPSK	50	0	16.89	17.09	16.90		
10	16QAM	1	0	16.90	16.99	17.05	18.4	0
10	16QAM	1	25	16.99	16.90	17.03		
10	16QAM	1	49	17.00	16.84	16.94		
10	16QAM	25	0	16.93	16.92	16.82	18.4	0
10	16QAM	25	12	16.91	16.96	16.95		
10	16QAM	25	25	17.14	17.06	16.97		
10	16QAM	50	0	16.95	17.02	17.01		
10	64QAM	1	0	16.92	16.79	16.77	18.4	0
10	64QAM	1	25	16.82	16.97	16.79		
10	64QAM	1	49	16.94	16.94	17.09		
10	64QAM	25	0	16.98	16.86	16.91	18.4	0
10	64QAM	25	12	16.92	16.84	16.98		
10	64QAM	25	25	17.16	17.03	16.81		
10	64QAM	50	0	16.94	16.97	16.97		
10	256QAM	1	0	16.13	16.24	16.13	17.4	1
10	256QAM	1	25	16.25	16.33	16.13		
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18	17.4	1
10	256QAM	25	12	16.15	16.18	16.15		
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.07	17.00	17.04	18.4	0
5	QPSK	1	12	16.99	16.94	16.78		
5	QPSK	1	24	16.91	16.91	16.87		
5	QPSK	12	0	16.91	17.09	16.83	18.4	0
5	QPSK	12	7	16.92	16.89	16.97		
5	QPSK	12	13	17.02	16.77	16.84		
5	QPSK	25	0	16.89	16.97	16.92	18.4	0
5	16QAM	1	0	16.96	16.90	17.11		
5	16QAM	1	12	17.06	16.92	16.85		
5	16QAM	1	24	16.88	16.96	16.91		
5	16QAM	12	0	16.91	16.95	16.86	18.4	0
5	16QAM	12	7	16.80	16.97	16.85		
5	16QAM	12	13	16.95	17.07	16.97		
5	16QAM	25	0	16.93	17.02	17.13		
5	64QAM	1	0	16.97	16.87	16.80	18.4	0
5	64QAM	1	12	16.89	17.01	16.87		
5	64QAM	1	24	17.06	16.88	16.93		
5	64QAM	12	0	16.94	16.90	17.00	18.4	0
5	64QAM	12	7	16.97	16.80	16.89		
5	64QAM	12	13	17.00	17.04	16.98		
5	64QAM	25	0	16.85	16.97	16.96		
5	256QAM	1	0	16.10	16.33	16.15	17.4	1
5	256QAM	1	12	16.27	16.34	16.14		
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.25	16.31	16.18	17.4	1
5	256QAM	12	7	16.13	16.15	16.11		
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.06	17.07	16.93	18.4	0
3	QPSK	1	8	16.93	16.99	16.80		
3	QPSK	1	14	16.80	16.81	16.94		
3	QPSK	8	0	17.03	17.00	16.98		
3	QPSK	8	4	16.92	16.95	16.97		
3	QPSK	8	7	16.94	16.79	16.92		
3	QPSK	15	0	16.93	17.05	16.98		
3	16QAM	1	0	16.83	16.97	17.01	18.4	0
3	16QAM	1	8	17.09	16.96	16.87		
3	16QAM	1	14	16.98	16.95	16.97		
3	16QAM	8	0	16.97	16.93	16.77	18.4	0
3	16QAM	8	4	16.82	16.93	16.92		
3	16QAM	8	7	17.13	17.02	17.03		
3	16QAM	15	0	16.90	17.03	17.01		
3	64QAM	1	0	16.85	16.89	16.90	18.4	0
3	64QAM	1	8	16.84	17.07	16.83		
3	64QAM	1	14	16.98	16.79	17.07		
3	64QAM	8	0	16.89	16.87	16.91	18.4	0
3	64QAM	8	4	16.94	16.97	17.03		
3	64QAM	8	7	17.15	16.85	16.89		
3	64QAM	15	0	16.80	17.05	16.98		
3	256QAM	1	0	16.17	16.31	16.17	17.4	1
3	256QAM	1	8	16.27	16.31	16.14		
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20	17.4	1
3	256QAM	8	4	16.12	16.22	16.16		
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.16	16.07	16.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.96	17.13	17.01	18.4	0
1.4	QPSK	1	3	16.92	17.00	16.94		
1.4	QPSK	1	5	16.91	16.79	16.76		
1.4	QPSK	3	0	16.98	16.99	16.97		
1.4	QPSK	3	1	16.99	16.95	17.06		
1.4	QPSK	3	3	16.93	16.92	16.86		
1.4	QPSK	6	0	16.90	17.07	16.87		
1.4	16QAM	1	0	16.85	16.98	17.01	18.4	0
1.4	16QAM	1	3	17.00	16.94	16.90		
1.4	16QAM	1	5	16.94	16.97	16.96		
1.4	16QAM	3	0	17.03	16.87	16.75		
1.4	16QAM	3	1	16.78	17.04	16.91		
1.4	16QAM	3	3	16.99	17.02	16.90		
1.4	16QAM	6	0	16.85	16.97	17.07	18.4	0
1.4	64QAM	1	0	16.87	16.78	16.95	18.4	0
1.4	64QAM	1	3	16.81	17.01	16.82		
1.4	64QAM	1	5	17.06	16.79	17.06		
1.4	64QAM	3	0	16.87	16.90	16.86		
1.4	64QAM	3	1	16.89	16.96	16.92		
1.4	64QAM	3	3	17.13	16.91	16.82		
1.4	64QAM	6	0	16.85	17.06	16.97	18.4	0
1.4	256QAM	1	0	16.11	16.24	16.20	17.4	1
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29		
1.4	256QAM	3	0	16.34	16.26	16.18		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.4	1

Band 4 Ant0

BW [MHz]	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	17.30	17.32	17.28	18.4	0
20	QPSK	1	49	17.13	17.25	17.11		
20	QPSK	1	99	17.16	17.15	17.09		
20	QPSK	50	0	17.25	17.30	17.27		
20	QPSK	50	24	17.20	17.07	17.29	18.4	0
20	QPSK	50	50	17.28	17.29	17.21		
20	QPSK	100	0	17.08	17.26	17.17		
20	16QAM	1	0	17.20	17.25	17.10	18.4	0
20	16QAM	1	49	17.09	17.10	17.13		
20	16QAM	1	99	17.15	17.09	17.09		
20	16QAM	50	0	17.30	17.14	17.19		
20	16QAM	50	24	17.22	17.13	17.26	18.4	0
20	16QAM	50	50	17.22	17.30	17.07		
20	16QAM	100	0	17.21	17.27	17.11		
20	64QAM	1	0	17.11	17.08	17.30	18.4	0
20	64QAM	1	49	17.11	17.27	17.26		
20	64QAM	1	99	17.28	17.08	17.20		
20	64QAM	50	0	17.10	17.31	17.16	18.4	0
20	64QAM	50	24	17.19	17.10	17.15		
20	64QAM	50	50	17.23	17.27	17.15		
20	64QAM	100	0	17.19	17.28	17.29		
20	256QAM	1	0	16.52	16.57	16.61	17.4	1
20	256QAM	1	49	16.61	16.71	16.44		
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63	17.4	1
20	256QAM	50	24	16.52	16.40	16.40		
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.09	17.15	17.13	18.4	0
15	QPSK	1	37	17.01	17.25	16.93		
15	QPSK	1	74	17.01	16.96	17.05		
15	QPSK	36	0	17.03	17.15	17.20	18.4	0
15	QPSK	36	20	17.13	16.85	17.26		
15	QPSK	36	39	17.09	17.14	17.01		
15	QPSK	75	0	17.03	17.14	17.12		
15	16QAM	1	0	17.10	17.23	17.03	18.4	0
15	16QAM	1	37	17.00	16.93	16.94		
15	16QAM	1	74	17.10	16.98	17.04		
15	16QAM	36	0	17.11	17.05	17.08	18.4	0
15	16QAM	36	20	17.04	17.06	17.19		
15	16QAM	36	39	17.17	17.24	17.02		
15	16QAM	75	0	17.06	17.11	17.25		
15	64QAM	1	0	16.93	17.03	17.26	18.4	0
15	64QAM	1	37	17.00	17.18	17.17		
15	64QAM	1	74	17.21	16.96	17.16		
15	64QAM	36	0	17.03	17.24	17.01	18.4	0
15	64QAM	36	20	17.09	17.02	17.11		
15	64QAM	36	39	17.03	17.07	17.08		
15	64QAM	75	0	17.13	17.26	17.25		
15	256QAM	1	0	16.14	16.26	16.15	17.4	1
15	256QAM	1	37	16.31	16.34	16.17		
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20	17.4	1
15	256QAM	36	20	16.12	16.18	16.09		
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.19	17.26	17.12	18.4	0
10	QPSK	1	25	17.07	17.04	17.04		
10	QPSK	1	49	17.06	17.11	16.92		
10	QPSK	25	0	17.18	17.16	17.22	18.4	0
10	QPSK	25	12	16.99	16.94	17.22		
10	QPSK	25	25	17.07	17.12	17.06		
10	QPSK	50	0	17.02	17.13	17.04		
10	16QAM	1	0	17.04	17.09	17.00	18.4	0
10	16QAM	1	25	16.92	17.01	17.06		
10	16QAM	1	49	16.95	17.02	16.97		
10	16QAM	25	0	17.14	17.09	17.14	18.4	0
10	16QAM	25	12	17.12	16.96	17.11		
10	16QAM	25	25	17.03	17.12	16.92		
10	16QAM	50	0	17.01	17.13	17.08		
10	64QAM	1	0	17.01	16.92	17.10	18.4	0
10	64QAM	1	25	16.97	17.21	17.14		
10	64QAM	1	49	17.20	16.88	17.17		
10	64QAM	25	0	16.94	17.20	17.12	18.4	0
10	64QAM	25	12	17.09	16.94	17.05		
10	64QAM	25	25	17.20	17.10	16.95		
10	64QAM	50	0	17.13	17.19	17.12		
10	256QAM	1	0	16.18	16.27	16.23	17.4	1
10	256QAM	1	25	16.29	16.30	16.22		
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13	17.4	1
10	256QAM	25	12	16.10	16.14	16.07		
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.22	17.25	17.13	18.4	0
5	QPSK	1	12	16.93	17.14	16.97		
5	QPSK	1	24	16.94	16.97	16.98		
5	QPSK	12	0	17.13	17.17	17.16	18.4	0
5	QPSK	12	7	17.02	16.93	17.11		
5	QPSK	12	13	17.18	17.12	17.10		
5	QPSK	25	0	16.90	17.06	17.00	18.4	0
5	16QAM	1	0	17.12	17.18	17.00		
5	16QAM	1	12	16.99	16.92	17.07		
5	16QAM	1	24	17.00	17.06	17.01		
5	16QAM	12	0	17.26	17.11	17.00	18.4	0
5	16QAM	12	7	17.09	17.05	17.09		
5	16QAM	12	13	17.08	17.27	16.87		
5	16QAM	25	0	17.18	17.08	16.92		
5	64QAM	1	0	17.01	16.97	17.08	18.4	0
5	64QAM	1	12	16.95	17.08	17.20		
5	64QAM	1	24	17.22	17.05	17.03		
5	64QAM	12	0	17.01	17.15	16.98	18.4	0
5	64QAM	12	7	17.11	16.95	17.11		
5	64QAM	12	13	17.20	17.25	17.07		
5	64QAM	25	0	16.99	17.20	17.16		
5	256QAM	1	0	16.11	16.32	16.18	17.4	1
5	256QAM	1	12	16.33	16.27	16.21		
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.28	16.33	17.4	1
5	256QAM	12	7	16.10	16.22	16.09		
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.17	17.26	17.14	18.4	0
3	QPSK	1	8	17.03	17.07	16.93		
3	QPSK	1	14	16.99	17.13	17.02		
3	QPSK	8	0	17.07	17.15	17.18		
3	QPSK	8	4	16.99	17.03	17.15	18.4	0
3	QPSK	8	7	17.20	17.08	16.99		
3	QPSK	15	0	16.95	17.05	16.96		
3	16QAM	1	0	16.98	17.15	16.93	18.4	0
3	16QAM	1	8	17.06	16.94	16.92		
3	16QAM	1	14	17.09	16.89	16.98		
3	16QAM	8	0	17.26	16.92	17.10	18.4	0
3	16QAM	8	4	17.00	16.96	17.20		
3	16QAM	8	7	17.05	17.14	16.88		
3	16QAM	15	0	17.10	17.05	16.98	18.4	0
3	64QAM	1	0	16.89	16.93	17.18		
3	64QAM	1	8	17.04	17.09	16.83		
3	64QAM	1	14	17.08	17.01	17.15		
3	64QAM	8	0	17.08	17.11	16.97	18.4	0
3	64QAM	8	4	17.14	17.02	17.06		
3	64QAM	8	7	17.15	17.21	17.12		
3	64QAM	15	0	17.07	17.09	17.15		
3	256QAM	1	0	16.12	16.30	16.18	17.4	1
3	256QAM	1	8	16.33	16.34	16.21		
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.20	16.20	17.4	1
3	256QAM	8	4	16.09	16.16	16.12		
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.23	17.19	17.09	18.4	0
1.4	QPSK	1	3	17.05	17.05	16.97		
1.4	QPSK	1	5	16.97	17.03	17.06		
1.4	QPSK	3	0	17.18	17.17	17.24		
1.4	QPSK	3	1	17.11	16.97	17.27		
1.4	QPSK	3	3	17.18	17.21	17.17		
1.4	QPSK	6	0	17.01	17.15	16.98	18.4	0
1.4	16QAM	1	0	17.10	17.23	17.08	18.4	0
1.4	16QAM	1	3	17.05	17.00	16.96		
1.4	16QAM	1	5	17.01	16.94	16.99		
1.4	16QAM	3	0	17.27	16.97	17.12		
1.4	16QAM	3	1	17.20	16.92	17.15		
1.4	16QAM	3	3	17.13	17.15	16.94		
1.4	16QAM	6	0	16.99	17.25	17.02	18.4	0
1.4	64QAM	1	0	17.08	17.00	17.15	18.4	0
1.4	64QAM	1	3	17.00	17.18	17.14		
1.4	64QAM	1	5	17.22	17.04	17.14		
1.4	64QAM	3	0	16.94	17.21	16.96		
1.4	64QAM	3	1	17.07	16.92	17.01		
1.4	64QAM	3	3	17.07	17.17	17.13		
1.4	64QAM	6	0	17.08	17.15	17.09	18.4	0
1.4	256QAM	1	0	16.13	16.25	16.20	17.4	1
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35		
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.4	1

Band 5 Ant0

BW [MHz]	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	22.21	22.32	22.20	24	0
10	QPSK	1	25	22.12	22.12	22.25		
10	QPSK	1	49	22.04	22.10	22.15		
10	QPSK	25	0	21.20	21.26	21.24	23	1
10	QPSK	25	12	21.15	21.21	21.22		
10	QPSK	25	25	21.08	21.08	21.17		
10	QPSK	50	0	21.16	21.23	21.02		
10	16QAM	1	0	21.46	21.50	21.41	23	1
10	16QAM	1	25	21.54	21.56	21.35		
10	16QAM	1	49

Band 12 Ant0

BW [MHz]	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	22.45	22.59	22.50	24	0
10	QPSK	1	25	22.32	22.44	22.38		
10	QPSK	1	49	22.27	22.37	22.44		
10	QPSK	25	0	21.46	21.55	21.53	23	1
10	QPSK	25	12	21.49	21.37	21.52		
10	QPSK	25	25	21.29	21.45	21.51		
10	QPSK	50	0	21.33	21.52	21.21		
10	16QAM	1	0	21.94	21.81	21.73	23	1
10	16QAM	1	25	21.73	21.74	21.70		
10	16QAM	1	49	21.74	21.91	21.79		
10	16QAM	25	0	20.46	20.41	20.26	22	2
10	16QAM	25	12	20.37	20.52	20.56		
10	16QAM	25	25	20.31	20.43	20.36		
10	16QAM	50	0	20.53	20.45	20.49		
10	64QAM	1	0	20.77	20.79	20.84	22	2
10	64QAM	1	25	20.82	20.68	20.66		
10	64QAM	1	49	20.90	20.84	20.76		
10	64QAM	25	0	19.41	19.46	19.32	21	3
10	64QAM	25	12	19.31	19.46	19.36		
10	64QAM	25	25	19.58	19.39	19.51		
10	64QAM	50	0	19.31	19.40	19.40		
10	256QAM	1	0	17.67	17.82	17.78	19	5
10	256QAM	1	25	17.70	17.73	17.90		
10	256QAM	1	49	17.78	17.77	17.78		
10	256QAM	25	0	17.56	17.51	17.39	19	5
10	256QAM	25	12	17.63	17.45	17.56		
10	256QAM	25	25	17.46	17.47	17.52		
10	256QAM	50	0	17.26	17.29	17.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.43	24	0
5	QPSK	1	12	22.28	22.36	22.31		
5	QPSK	1	24	22.14	22.26	22.35		
5	QPSK	12	0	21.42	21.46	21.48	23	1
5	QPSK	12	7	21.37	21.26	21.42		
5	QPSK	12	13	21.23	21.35	21.39		
5	QPSK	25	0	21.28	21.42	21.12		
5	16QAM	1	0	21.83	21.69	21.62	23	1
5	16QAM	1	12	21.62	21.70	21.59		
5	16QAM	1	24	21.65	21.84	21.76		
5	16QAM	12	0	20.33	20.34	20.21	22	2
5	16QAM	12	7	20.29	20.41	20.46		
5	16QAM	12	13	20.25	20.32	20.33		
5	16QAM	25	0	20.42	20.37	20.41		
5	64QAM	1	0	20.64	20.71	20.72	22	2
5	64QAM	1	12	20.73	20.58	20.59		
5	64QAM	1	24	20.78	20.74	20.64		
5	64QAM	12	0	19.38	19.33	19.22	21	3
5	64QAM	12	7	19.19	19.37	19.31		
5	64QAM	12	13	19.54	19.28	19.42		
5	64QAM	25	0	19.26	19.33	19.31		
5	256QAM	1	0	17.63	17.69	17.72	19	5
5	256QAM	1	12	17.66	17.68	17.77		
5	256QAM	1	24	17.67	17.72	17.68		
5	256QAM	12	0	17.50	17.40	17.28	19	5
5	256QAM	12	7	17.54	17.41	17.49		
5	256QAM	12	13	17.37	17.40	17.49		
5	256QAM	25	0	17.18	17.22	17.27		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.41	22.50	22.38	24	0
3	QPSK	1	8	22.20	22.36	22.34		
3	QPSK	1	14	22.14	22.32	22.31		
3	QPSK	8	0	21.35	21.48	21.49	23	1
3	QPSK	8	4	21.41	21.26	21.44		
3	QPSK	8	7	21.16	21.38	21.46		
3	QPSK	15	0	21.23	21.41	21.14		
3	16QAM	1	0	21.91	21.75	21.63	23	1
3	16QAM	1	8	21.63	21.67	21.62		
3	16QAM	1	14	21.62	21.86	21.75		
3	16QAM	8	0	20.36	20.30	20.22	22	2
3	16QAM	8	4	20.34	20.45	20.52		
3	16QAM	8	7	20.22	20.36	20.27		
3	16QAM	15	0	20.45	20.40	20.40		
3	64QAM	1	0	20.73	20.70	20.80	22	2
3	64QAM	1	8	20.74	20.65	20.56		
3	64QAM	1	14	20.84	20.72	20.71		
3	64QAM	8	0	19.28	19.35	19.27	21	3
3	64QAM	8	4	19.18	19.38	19.25		
3	64QAM	8	7	19.45	19.27	19.46		
3	64QAM	15	0	19.20	19.31	19.28		
3	256QAM	1	0	17.58	17.74	17.73	19	5
3	256QAM	1	8	17.59	17.62	17.77		
3	256QAM	1	14	17.71	17.70	17.70		
3	256QAM	8	0	17.51	17.46	17.35	19	5
3	256QAM	8	4	17.54	17.38	17.45		
3	256QAM	8	7	17.39	17.34	17.46		
3	256QAM	15	0	17.22	17.18	17.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.48	22.42	24	0
1.4	QPSK	1	3	22.21	22.35	22.34		
1.4	QPSK	1	5	22.20	22.27	22.35		
1.4	QPSK	3	0	22.36	22.48	22.39		
1.4	QPSK	3	1	22.27	22.40	22.26		
1.4	QPSK	3	3	22.21	22.26	22.35		
1.4	QPSK	6	0	21.28	21.42	21.14	23	1
1.4	16QAM	1	0	21.88	21.74	21.62	23	1
1.4	16QAM	1	3	21.70	21.66	21.64		
1.4	16QAM	1	5	21.66	21.86	21.73		
1.4	16QAM	3	0	21.35	21.44	21.46		
1.4	16QAM	3	1	21.41	21.24	21.42		
1.4	16QAM	3	3	21.18	21.37	21.39		
1.4	16QAM	6	0	20.47	20.34	20.42	22	2
1.4	64QAM	1	0	20.72	20.70	20.74	22	2
1.4	64QAM	1	3	20.70	20.59	20.63		
1.4	64QAM	1	5	20.86	20.73	20.67		
1.4	64QAM	3	0	20.35	20.34	20.19		
1.4	64QAM	3	1	20.24	20.42	20.47		
1.4	64QAM	3	3	20.24	20.33	20.24		
1.4	64QAM	6	0	19.25	19.37	19.35	21	3
1.4	256QAM	1	0	17.62	17.72	17.74	19	5
1.4	256QAM	1	3	17.58	17.66	17.77		
1.4	256QAM	1	5	17.67	17.68	17.67		
1.4	256QAM	3	0	17.45	17.44	17.31		
1.4	256QAM	3	1	17.56	17.37	17.45		
1.4	256QAM	3	3	17.42	17.39	17.39		
1.4	256QAM	6	0	17.17	17.18	17.35	19	5

Band 13 Ant0

BW [MHz]	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		22.85		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.67			
10	QPSK	25	0		21.83		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.75			
10	16QAM	1	0		22.16		23	1
10	16QAM	1	25		22.16			
10	16QAM	1	49		22.06			
10	16QAM	25	0		20.86		22	2
10	16QAM	25	12		21.00			
10	16QAM	25	25		20.92			
10	16QAM	50	0		20.81			
10	64QAM	1	0		21.11		22	2
10	64QAM	1	25		21.10			
10	64QAM	1	49		20.98			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.09			
10	256QAM	25	0		17.81		19	5
10	256QAM	25	12		17.91			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.79	22.79	24	0
5	QPSK	1	12	22.72	22.68	22.73		
5	QPSK	1	24	22.62	22.62	22.61		
5	QPSK	12	0	21.71	21.71	21.70	23	1
5	QPSK	12	7	21.63	21.62	21.61		
5	QPSK	12	13	21.64	21.62	21.60		
5	QPSK	25	0	21.65	21.71	21.70		
5	16QAM	1	0	22.10	22.05	22.06	23	1
5	16QAM	1	12	22.06	22.03	22.04		
5	16QAM	1	24	21.94	22.03	22.01		
5	16QAM	12	0	20.79	20.82	20.82	22	2
5	16QAM	12	7	20.94	20.93	20.96		
5	16QAM	12	13	20.86	20.87	20.79		
5	16QAM	25	0	20.76	20.77	20.69		
5	64QAM	1	0	21.07	21.06	21.03	22	2
5	64QAM	1	12	21.02	21.00	21.05		
5	64QAM	1	24	20.94	20.86	20.94		
5	64QAM	12	0	19.83	19.83	19.87	21	3
5	64QAM	12	7	19.86	19.87	19.80		
5	64QAM	12	13	19.76	19.72	19.75		
5	64QAM	25	0	19.80	19.80	19.80		
5	256QAM	1	0	17.88	17.87	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.87		
5	256QAM	1	24	17.99	18.02	18.05		
5	256QAM	12	0	17.69	17.69	17.68	19	5
5	256QAM	12	7	17.85	17.86	17.80		
5	256QAM	12	13	17.62	17.54	17.59		
5	256QAM	25	0	17.72	17.63	17.70		

Band 17 Ant0

BW [MHz]	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	22.41	22.52	22.45	24	0
10	QPSK	1	25	22.44	22.33	22.48		
10	QPSK	1	49	22.28	22.50	22.23		
10	QPSK	25	0	21.31	21.49	21.46	23	1
10	QPSK	25	12	21.40	21.48	21.42		
10	QPSK	25	25	21.31	21.47	21.42		
10	QPSK	50	0	21.26	21.45	21.42		
10	16QAM	1	0	21.89	21.76	21.87	23	1
10	16QAM	1	25	21.83	21.86	21.68		
10	16QAM	1	49	21.79	21.88	21.69		
10	16QAM	25	0	20.37	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.51	20.60		
10	16QAM	25	25	20.51	20.43	20.64		
10	16QAM	50	0	20.71	20.59	20.67		
10	64QAM	1	0	20.83	20.74	20.85	22	2
10	64QAM	1	25	20.74	20.76	20.60		
10	64QAM	1	49	20.68	20.62	20.61		
10	64QAM	25	0	19.57	19.48	19.39	21	3
10	64QAM	25	12	19.39	19.57	19.41		
10	64QAM	25	25	19.41	19.56	19.33		
10	64QAM	50	0	19.47	19.51	19.36		
10	256QAM	1	0	17.61	17.71	17.58	19	5
10	256QAM	1	25	17.57	17.68	17.64		
10	256QAM	1	49	17.80	17.56	17.63		
10	256QAM	25	0	17.58	17.62	17.59	19	5
10	256QAM	25	12	17.76	17.49	17.48		
10	256QAM	25	25	17.76	17.75	17.57		
10	256QAM	50	0	17.71	17.58	17.52		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.48	22.41	24	0
5	QPSK	1	12	22.31	22.26	22.43		
5	QPSK	1	24	22.20	22.43	22.17		
5	QPSK	12	0	21.20	21.42	21.38	23	1
5	QPSK	12	7	21.34	21.42	21.36		
5	QPSK	12	13	21.24	21.35	21.33		
5	QPSK	25	0	21.21	21.41	21.34		
5	16QAM	1	0	21.78	21.71	21.79	23	1
5	16QAM	1	12	21.73	21.74	21.59		
5	16QAM	1	24	21.71	21.75	21.64		
5	16QAM	12	0	20.32	20.46	20.35	22	2
5	16QAM	12	7	20.26	20.40	20.49		
5	16QAM	12	13	20.39	20.31	20.60		
5	16QAM	25	0	20.59	20.49	20.62		
5	64QAM	1	0	20.75	20.67	20.80	22	2
5	64QAM	1	12	20.66	20.65	20.49		
5	64QAM	1	24	20.61	20.57	20.56		
5	64QAM	12	0	19.47	19.37	19.30	21	3
5	64QAM	12	7	19.33	19.52	19.31		
5	64QAM	12	13	19.36	19.45	19.23		
5	64QAM	25	0	19.34	19.47	19.25		
5	256QAM	1	0	17.54	17.59	17.52	19	5
5	256QAM	1	12	17.50	17.60	17.60		
5	256QAM	1	24	17.72	17.43	17.54		
5	256QAM	12	0	17.48	17.59	17.53	19	5
5	256QAM	12	7	17.67	17.41	17.44		
5	256QAM	12	13	17.72	17.70	17.48		
5	256QAM	25	0	17.60	17.49	17.43		

Band 25 Ant0

BW [MHz]	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	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.14	17.22	17.16	18.4	0
20	QPSK	1	49	16.97	16.98	16.97		
20	QPSK	1	99	16.98	17.11	17.12		
20	QPSK	50	0	17.06	17.19	17.01	18.4	0
20	QPSK	50	24	16.98	17.02	17.18		
20	QPSK	50	50	17.09	17.08	17.02		
20	QPSK	100	0	16.98	17.17	17.03		
20	16QAM	1	0	16.96	16.99	17.00	18.4	0
20	16QAM	1	49	17.03	17.10	16.97		
20	16QAM	1	99	17.11	17.07	17.05		
20	16QAM	50	0	16.95	17.08	17.17	18.4	0
20	16QAM	50	24	17.12	17.12	17.00		
20	16QAM	50	50	16.95	17.14	16.94		
20	16QAM	100	0	17.07	17.05	17.10		
20	64QAM	1	0	16.94	16.98	17.04	18.4	0
20	64QAM	1	49	17.02	17.13	17.01		
20	64QAM	1	99	17.05	17.04	17.00		
20	64QAM	50	0	17.06	16.95	17.17	18.4	0
20	64QAM	50	24	17.06	17.08	16.97		
20	64QAM	50	50	16.95	17.04	16.95		
20	64QAM	100	0	17.03	17.03	17.17		
20	256QAM	1	0	16.46	16.54	16.46	17.4	1
20	256QAM	1	49	16.66	16.59	16.52		
20	256QAM	1	99	16.61	16.47	16.47		
20	256QAM	50	0	16.46	16.51	16.54	17.4	1
20	256QAM	50	24	16.54	16.58	16.49		
20	256QAM	50	50	16.62	16.58	16.48		
20	256QAM	100	0	16.49	16.47	16.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.07	17.06	17.11	18.4	0
15	QPSK	1	37	16.86	16.83	16.78		
15	QPSK	1	74	16.81	17.03	16.91		
15	QPSK	36	0	16.92	17.14	16.87	18.4	0
15	QPSK	36	20	16.88	16.83	17.14		
15	QPSK	36	39	17.00	17.06	16.91		
15	QPSK	75	0	16.81	17.13	16.98		
15	16QAM	1	0	16.88	16.95	16.82	18.4	0
15	16QAM	1	37	16.98	16.94	16.87		
15	16QAM	1	74	16.93	16.87	16.96		
15	16QAM	36	0	16.93	17.02	17.13	18.4	0
15	16QAM	36	20	16.90	16.93	16.93		
15	16QAM	36	39	16.87	16.93	16.80		
15	16QAM	75	0	16.90	16.93	17.01		
15	64QAM	1	0	16.76	16.87	16.94	18.4	0
15	64QAM	1	37	16.83	16.98	16.85		
15	64QAM	1	74	16.96	16.84	16.98		
15	64QAM	36	0	16.97	16.86	16.97	18.4	0
15	64QAM	36	20	17.03	16.94	16.85		
15	64QAM	36	39	16.73	16.85	16.91		
15	64QAM	75	0	16.93	16.97	16.96		
15	256QAM	1	0	16.43	16.41	16.36	17.4	1
15	256QAM	1	37	16.54	16.52	16.45		
15	256QAM	1	74	16.50	16.39	16.39		
15	256QAM	36	0	16.39	16.43	16.48	17.4	1
15	256QAM	36	20	16.47	16.54	16.37		
15	256QAM	36	39	16.58	16.52	16.36		
15	256QAM	75	0	16.39	16.37	16.30		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.00	17.10	17.09	18.4	0
10	QPSK	1	25	16.93	16.92	16.83		
10	QPSK	1	49	16.87	16.95	16.92		
10	QPSK	25	0	16.93	17.03	16.85	18.4	0
10	QPSK	25	12	16.89	16.92	16.98		
10	QPSK	25	25	16.94	16.90	17.01		
10	QPSK	50	0	16.77	17.04	16.85		
10	16QAM	1	0	16.92	16.83	16.94	18.4	0
10	16QAM	1	25	16.99	17.02	16.81		
10	16QAM	1	49	17.05	17.04	16.90		
10	16QAM	25	0	16.86	17.02	17.10	18.4	0
10	16QAM	25	12	17.01	17.03	16.85		
10	16QAM	25	25	16.89	17.03	16.77		
10	16QAM	50	0	16.96	17.02	17.01		
10	64QAM	1	0	16.75	16.93	17.01	18.4	0
10	64QAM	1	25	16.91	16.96	16.93		
10	64QAM	1	49	16.94	16.83	16.93		
10	64QAM	25	0	16.84	16.87	17.14	18.4	0
10	64QAM	25	12	16.95	17.00	16.77		
10	64QAM	25	25	16.82	16.94	16.83		
10	64QAM	50	0	16.98	16.96	17.10		
10	256QAM	1	0	16.37	16.46	16.37	17.4	1
10	256QAM	1	25	16.62	16.56	16.46		
10	256QAM	1	49	16.58	16.36	16.37		
10	256QAM	25	0	16.36	16.40	16.44	17.4	1
10	256QAM	25	12	16.41	16.48	16.45		
10	256QAM	25	25	16.55	16.57	16.44		
10	256QAM	50	0	16.45	16.42	16.29		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.98	17.14	16.97	18.4	0
5	QPSK	1	12	16.75	16.82	16.90		
5	QPSK	1	24	16.87	16.99	17.02		
5	QPSK	12	0	16.92	17.03	16.97	18.4	0
5	QPSK	12	7	16.85	16.98	17.12		
5	QPSK	12	13	16.89	16.97	16.83		
5	QPSK	25	0	16.84	16.97	16.90	18.4	0
5	16QAM	1	0	16.83	16.90	16.89		
5	16QAM	1	12	16.98	17.07	16.85		
5	16QAM	1	24	17.02	17.01	16.94		
5	16QAM	12	0	16.77	16.91	17.13	18.4	0
5	16QAM	12	7	16.98	16.92	16.81		
5	16QAM	12	13	16.83	17.11	16.73		
5	16QAM	25	0	16.92	16.99	17.01	18.4	0
5	64QAM	1	0	16.79	16.83	17.01		
5	64QAM	1	12	16.91	17.01	16.90		
5	64QAM	1	24	16.95	16.91	16.87		
5	64QAM	12	0	16.90	16.78	17.03	18.4	0
5	64QAM	12	7	17.01	16.88	16.90		
5	64QAM	12	13	16.90	16.97	16.83		
5	64QAM	25	0	17.01	16.92	17.02	18.4	0
5	256QAM	1	0	16.41	16.41	16.41	17.4	1
5	256QAM	1	12	16.60	16.52	16.40		
5	256QAM	1	24	16.57	16.34	16.42		
5	256QAM	12	0	16.33	16.48	16.48	17.4	1
5	256QAM	12	7	16.50	16.52	16.46		
5	256QAM	12	13	16.54	16.58	16.43		
5	256QAM	25	0	16.40	16.39	16.29		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.03	17.10	17.12	18.4	0
3	QPSK	1	8	16.84	16.91	16.86		
3	QPSK	1	14	16.85	16.91	16.90		
3	QPSK	8	0	16.86	17.04	16.80	18.4	0
3	QPSK	8	4	16.89	16.84	17.07		
3	QPSK	8	7	16.92	16.87	16.98		
3	QPSK	15	0	16.91	16.99	16.83		
3	16QAM	1	0	16.90	16.96	16.88	18.4	0
3	16QAM	1	8	16.83	17.02	16.84		
3	16QAM	1	14	16.91	17.02	16.86		
3	16QAM	8	0	16.89	16.97	17.06	18.4	0
3	16QAM	8	4	17.01	16.95	16.90		
3	16QAM	8	7	16.87	17.10	16.86		
3	16QAM	15	0	17.04	16.98	17.01	18.4	0
3	64QAM	1	0	16.85	16.92	16.98		
3	64QAM	1	8	16.88	16.93	16.97		
3	64QAM	1	14	16.99	16.92	16.90		
3	64QAM	8	0	16.99	16.88	17.14	18.4	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				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.51	22.45	24	0
15	QPSK	1	37	22.39	22.49	22.27		
15	QPSK	1	74	22.34	22.30	22.54		
15	QPSK	36	0	21.29	21.48	21.37	23	1
15	QPSK	36	20	21.27	21.27	21.44		
15	QPSK	36	39	21.43	21.32	21.38		
15	QPSK	75	0	21.36	21.45	21.26		
15	16QAM	1	0	21.69	21.78	21.69	23	1
15	16QAM	1	37	21.81	21.84	21.73		
15	16QAM	1	74	21.86	21.83	21.73		
15	16QAM	36	0	20.41	20.52	20.54	22	2
15	16QAM	36	20	20.54	20.44	20.65		
15	16QAM	36	39	20.56	20.49	20.55		
15	16QAM	75	0	20.34	20.47	20.39		
15	64QAM	1	0	20.83	20.77	20.75	22	2
15	64QAM	1	37	20.84	20.68	20.71		
15	64QAM	1	74	20.73	20.89	20.75		
15	64QAM	36	0	19.65	19.53	19.53	21	3
15	64QAM	36	20	19.48	19.44	19.53		
15	64QAM	36	39	19.61	19.64	19.40		
15	64QAM	75	0	19.41	19.50	19.56		
15	256QAM	1	0	17.69	17.78	17.77	19	5
15	256QAM	1	37	17.89	17.67	17.76		
15	256QAM	1	74	17.75	17.84	17.87		
15	256QAM	36	0	17.58	17.63	17.53	19	5
15	256QAM	36	20	17.60	17.65	17.54		
15	256QAM	36	39	17.70	17.66	17.73		
15	256QAM	75	0	17.56	17.60	17.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.44	22.40	22.39	24	0
10	QPSK	1	25	22.34	22.39	22.16		
10	QPSK	1	49	22.28	22.24	22.26		
10	QPSK	25	0	21.24	21.44	21.33	23	1
10	QPSK	25	12	21.23	21.22	21.37		
10	QPSK	25	25	21.37	21.20	21.31		
10	QPSK	50	0	21.28	21.35	21.15		
10	16QAM	1	0	21.62	21.67	21.65	23	1
10	16QAM	1	25	21.74	21.73	21.61		
10	16QAM	1	49	21.74	21.77	21.67		
10	16QAM	25	0	20.37	20.47	20.49	22	2
10	16QAM	25	12	20.44	20.40	20.53		
10	16QAM	25	25	20.51	20.38	20.50		
10	16QAM	50	0	20.26	20.41	20.33		
10	64QAM	1	0	20.76	20.72	20.64	22	2
10	64QAM	1	25	20.75	20.63	20.58		
10	64QAM	1	49	20.67	20.85	20.66		
10	64QAM	25	0	19.59	19.45	19.42	21	3
10	64QAM	25	12	19.38	19.36	19.49		
10	64QAM	25	25	19.55	19.60	19.28		
10	64QAM	50	0	19.34	19.43	19.45		
10	256QAM	1	0	17.57	17.68	17.66	19	5
10	256QAM	1	25	17.80	17.57	17.73		
10	256QAM	1	49	17.68	17.75	17.84		
10	256QAM	25	0	17.50	17.51	17.50	19	5
10	256QAM	25	12	17.55	17.60	17.49		
10	256QAM	25	25	17.64	17.56	17.60		
10	256QAM	50	0	17.49	17.55	17.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.45	22.38	24	0
5	QPSK	1	12	22.33	22.46	22.16		
5	QPSK	1	24	22.27	22.23	22.26		
5	QPSK	12	0	21.22	21.41	21.31	23	1
5	QPSK	12	7	21.18	21.16	21.37		
5	QPSK	12	13	21.37	21.22	21.26		
5	QPSK	25	0	21.29	21.38	21.22		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.74	21.68		
5	16QAM	1	24	21.79	21.79	21.64		
5	16QAM	12	0	20.31	20.43	20.50	22	2
5	16QAM	12	7	20.41	20.34	20.58		
5	16QAM	12	13	20.46	20.37	20.44		
5	16QAM	25	0	20.23	20.41	20.26		
5	64QAM	1	0	20.79	20.71	20.69	22	2
5	64QAM	1	12	20.73	20.63	20.60		
5	64QAM	1	24	20.68	20.81	20.65		
5	64QAM	12	0	19.56	19.49	19.43	21	3
5	64QAM	12	7	19.42	19.41	19.45		
5	64QAM	12	13	19.48	19.51	19.36		
5	64QAM	25	0	19.30	19.38	19.44		
5	256QAM	1	0	17.64	17.66	17.64	19	5
5	256QAM	1	12	17.84	17.60	17.69		
5	256QAM	1	24	17.67	17.74	17.74		
5	256QAM	12	0	17.53	17.54	17.42	19	5
5	256QAM	12	7	17.51	17.62	17.46		
5	256QAM	12	13	17.61	17.60	17.66		
5	256QAM	25	0	17.45	17.51	17.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.43	22.47	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.19		
3	QPSK	1	14	22.29	22.25	22.27		
3	QPSK	8	0	21.20	21.44	21.28	23	1
3	QPSK	8	4	21.16	21.17	21.39		
3	QPSK	8	7	21.38	21.27	21.26		
3	QPSK	15	0	21.26	21.41	21.21		
3	16QAM	1	0	21.61	21.66	21.59	23	1
3	16QAM	1	8	21.75	21.73	21.64		
3	16QAM	1	14	21.82	21.80	21.65		
3	16QAM	8	0	20.34	20.44	20.50	22	2
3	16QAM	8	4	20.42	20.39	20.53		
3	16QAM	8	7	20.46	20.42	20.48		
3	16QAM	15	0	20.27	20.37	20.26		
3	64QAM	1	0	20.78	20.67	20.68	22	2
3	64QAM	1	8	20.79	20.55	20.61		
3	64QAM	1	14	20.62	20.77	20.65		
3	64QAM	8	0	19.55	19.43	19.41	21	3
3	64QAM	8	4	19.36	19.32	19.47		
3	64QAM	8	7	19.57	19.58	19.36		
3	64QAM	15	0	19.29	19.41	19.43		
3	256QAM	1	0	17.65	17.75	17.70	19	5
3	256QAM	1	8	17.85	17.55	17.72		
3	256QAM	1	14	17.63	17.78	17.76		
3	256QAM	8	0	17.40	17.53	17.44	19	5
3	256QAM	8	4	17.51	17.62	17.44		
3	256QAM	8	7	17.59	17.55	17.65		
3	256QAM	15	0	17.51	17.48	17.43		
Channel				26907	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.39	22.37	24	0
1.4	QPSK	1	3	22.27	22.41	22.19		
1.4	QPSK	1	5	22.22	22.23	22.30		
1.4	QPSK	3	0	22.39	22.44	22.39		
1.4	QPSK	3	1	22.33	22.39	22.16		
1.4	QPSK	3	3	22.22	22.25	22.29		
1.4	QPSK	6	0	21.31	21.40	21.19	23	1
1.4	16QAM	1	0	21.63	21.66	21.62	23	1
1.4	16QAM	1	3	21.70	21.79	21.60		
1.4	16QAM	1	5	21.83	21.75	21.68		
1.4	16QAM	3	0	21.18	21.44	21.32		
1.4	16QAM	3	1	21.14	21.23	21.34		
1.4	16QAM	3	3	21.40	21.28	21.31		
1.4	16QAM	6	0	20.28	20.37	20.28	22	2
1.4	64QAM	1	0	20.77	20.69	20.66	22	2
1.4	64QAM	1	3	20.74	20.63	20.62		
1.4	64QAM	1	5	20.65	20.82	20.65		
1.4	64QAM	3	0	20.37	20.46	20.50		
1.4	64QAM	3	1	20.49	20.32	20.61		
1.4	64QAM	3	3	20.46	20.44	20.50		
1.4	64QAM	6	0	19.37	19.47	19.46	21	3
1.4	256QAM	1	0	17.65	17.68	17.66	19	5
1.4	256QAM	1	3	17.77	17.57	17.66		
1.4	256QAM	1	5	17.69	17.79	17.77		
1.4	256QAM	3	0	17.54	17.60	17.43		
1.4	256QAM	3	1	17.57	17.60	17.44		
1.4	256QAM	3	3	17.65	17.59	17.68		
1.4	256QAM	6	0	17.49	17.56	17.41	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.32	17.34	17.29	18.4	0
20	QPSK	1	49	17.21	17.22	17.22		
20	QPSK	1	99	17.08	17.22	17.07		
20	QPSK	50	0	17.26	17.31	17.24	18.4	0
20	QPSK	50	24	17.30	17.26	17.24		
20	QPSK	50	50	17.22	17.29	17.18		
20	QPSK	100	0	17.16	17.28	17.19		
20	16QAM	1	0	17.21	17.19	17.21	18.4	0
20	16QAM	1	49	17.12	17.27	17.24		
20	16QAM	1	99	17.25	17.10	17.06		
20	16QAM	50	0	17.11	17.26	17.09	18.4	0
20	16QAM	50	24	17.08	17.24	17.14		
20	16QAM	50	50	17.25	17.08	17.15		
20	16QAM	100	0	17.17	17.16	17.10		
20	64QAM	1	0	17.27	17.12	17.14	18.4	0
20	64QAM	1	49	17.19	17.18	17.08		
20	64QAM	1	99	17.23	17.29	17.26		
20	64QAM	50	0	17.11	17.22	17.28	18.4	0
20	64QAM	50	24	17.15	17.20	17.28		
20	64QAM	50	50	17.15	17.22	17.11		
20	64QAM	100	0	17.13	17.26	17.21		
20	256QAM	1	0	16.22	16.32	16.28	17.4	1
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.4	1
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.25	17.29	17.14	18.4	0
15	QPSK	1	37	17.16	17.16	17.04		
15	QPSK	1	74	17.01	17.12	16.89		
15	QPSK	36	0	17.09	17.23	17.05	18.4	0
15	QPSK	36	20	17.21	17.15	17.11		
15	QPSK	36	39	17.04	17.15	17.07		
15	QPSK	75	0	16.99	17.10	17.04		
15	16QAM	1	0	17.02	17.10	17.15	18.4	0
15	16QAM	1	37	16.98	17.13	17.16		
15	16QAM	1	74	17.05	17.05	17.00		
15	16QAM	36	0	16.95	17.09	17.05	18.4	0
15	16QAM	36	20	16.91	17.13	17.02		
15	16QAM	36	39	17.22	17.03	16.93		
15	16QAM	75	0	17.08	17.09	17.04		
15	64QAM	1	0	17.07	16.97	17.02	18.4	0
15	64QAM	1	37	17.12	16.99	16.89		
15	64QAM	1	74	17.19	17.20	17.05		
15	64QAM	36	0	17.07	17.20	17.07	18.4	0
15	64QAM	36	20	17.10	17.13	17.16		
15	64QAM	36	39	17.01	17.10	17.04		
15	64QAM	75	0	17.02	17.14	17.15		
15	256QAM	1	0	16.15	16.26	16.16	17.4	1
15	256QAM	1	37	16.21	16.17	16.16		
15	256QAM	1	74	16.26	16.17	16.26		
15	256QAM	36	0	16.19	16.18	16.23	17.4	1
15	256QAM	36	20	16.27	16.27	16.22		
15	256QAM	36	39	16.19	16.23	16.26		
15	256QAM	75	0	16.15	16.14	16.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.16	17.19	17.09	18.4	0
10	QPSK	1	25	17.13	17.17	17.18		
10	QPSK	1	49	16.89	17.08	17.03		
10	QPSK	25	0	17.22	17.10	17.11	18.4	0
10	QPSK	25	12	17.21	17.13	17.11		
10	QPSK	25	25	17.18	17.12	17.05		
10	QPSK	50	0	17.12	17.22	17.08		
10	16QAM	1	0	17.13	17.08	17.10	18.4	0
10	16QAM	1	25	16.91	17.08	17.05		
10	16QAM	1	49	17.08	16.99	16.98		
10	16QAM	25	0	17.08	17.07	17.03	18.4	0
10	16QAM	25	12	16.97	17.10	16.94		
10	16QAM	25	25	17.15	17.00	16.93		
10	16QAM	50	0	17.08	17.02	17.01		
10	64QAM	1	0	17.07	16.96	17.00	18.4	0
10	64QAM	1	25	17.13	17.07	17.05		
10	64QAM	1	49	17.17	17.11	17.09		
10	64QAM	25	0	16.99	17.06	17.19	18.4	0
10	64QAM	25	12	16.98	17.01	17.06		
10	64QAM	25	25	17.03	17.04	17.05		
10	64QAM	50	0	16.94	17.15	17.04		
10	256QAM	1	0	16.11	16.27	16.15	17.4	1
10	256QAM	1	25	16.13	16.16	16.14		
10	256QAM	1	49	16.30	16.18	16.23		
10	256QAM	25	0	16.12	16.22	16.27	17.4	1
10	256QAM	25	12	16.29	16.31	16.24		
10	256QAM	25	25	16.24	16.29	16.28		
10	256QAM	50	0	16.13	16.13	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.29	17.29	17.20	18.4	0
5	QPSK	1	12	17.02	17.02	17.12		
5	QPSK	1	24	17.04	17.12	17.05		
5	QPSK	12	0	17.23	17.27	17.10	18.4	0
5	QPSK	12	7	17.22	17.09	17.05		
5	QPSK	12	13	17.10	17.24	17.07		
5	QPSK	25	0	17.03	17.23	17.08		
5	16QAM	1	0	17.17	17.04	17.18	18.4	0
5	16QAM	1	12	17.01	17.20	17.07		
5	16QAM	1	24	17.16	16.98	16.91		
5	16QAM	12	0	17.06	17.07	16.97	18.4	0
5	16QAM	12	7	17.02	17.16	16.99		
5	16QAM	12	13	17.20	16.92	17.02		
5	16QAM	25	0	17.02	16.97	17.07		
5	64QAM	1	0	17.19	16.90	17.10	18.4	0
5	64QAM	1	12	17.08	17.03	16.87		
5	64QAM	1	24	17.14	17.16	17.05		
5	64QAM	12	0	17.06	17.14	17.14	18.4	0
5	64QAM	12	7	17.02	16.99	17.21		
5	64QAM	12	13	16.97	17.19	16.98		
5	64QAM	25	0	16.98	17.11	17.17		
5	256QAM	1	0	16.12	16.28	16.22	17.4	1
5	256QAM	1	12	16.13	16.20	16.18		
5	256QAM	1	24	16.30	16.17	16.20		
5	256QAM	12	0	16.14	16.15	16.22	17.4	1
5	256QAM	12	7	16.26	16.28	16.16		
5	256QAM	12	13	16.26	16.28	16.26		
5	256QAM	25	0	16.12	16.13	16.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.15	17.28	17.26	18.4	0
3	QPSK	1	8	17.18	17.10	17.00		
3	QPSK	1	14	17.01	17.07	16.92		
3	QPSK	8	0	17.19	17.18	17.15	18.4	0
3	QPSK	8	4	17.23	17.19	17.07		
3	QPSK	8	7	17.13	17.25	16.99		
3	QPSK	15	0	16.99	17.07	16.97		
3	16QAM	1	0	17.15	17.13	17.07	18.4	0
3	16QAM	1	8	17.09	17.15	17.11		
3	16QAM	1	14	17.17	16.93	16.88		
3	16QAM	8	0	16.99	17.16	16.98	18.4	0
3	16QAM	8	4	16.97	17.05	17.07		
3	16QAM	8	7	17.07	16.89	17.09		
3	16QAM	15	0	16.99	17.13	16.96		
3	64QAM	1	0	17.07	17.05	16.95	18.4	0
3	64QAM	1	8	17.10	17.04	16.87		
3	64QAM	1	14	17.03	17.09	17.12		
3	64QAM	8	0	17.05	17.12	17.23	18.4	0
3	64QAM	8	4	17.05	17.07	17.12		
3	64QAM	8	7	17.12	17.12	17.09		
3	64QAM	15	0	17.02	17.05	17.12		
3	256QAM	1	0	16.12	16.25	16.23	17.4	1
3	256QAM	1	8	16.14	16.12	16.11		
3	256QAM	1	14	16.27	16.17	16.23		
3	256QAM	8	0	16.17	16.19	16.25	17.4	1
3	256QAM	8	4	16.27	16.34	16.16		
3	256QAM	8	7	16.17	16.22	16.24		
3	256QAM	15	0	16.14	16.19	16.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.20	17.28	17.12	18.4	0
1.4	QPSK	1	3	17.04	17.03	17.10		
1.4	QPSK	1	5	16.95	17.07	16.88		
1.4	QPSK	3	0	17.23	17.19	17.03		
1.4	QPSK	3	1	17.21	17.07	17.09		
1.4	QPSK	3	3	17.11	17.23	17.07		
1.4	QPSK	6	0	16.99	17.18	17.06	18.4	0
1.4	16QAM	1	0	17.19	17.07	17.07	18.4	0
1.4	16QAM	1	3	16.97	17.21	17.17		
1.4	16QAM	1	5	17.05	16.95	16.96		
1.4	16QAM	3	0	16.91	17.14	16.97		
1.4	16QAM	3	1	17.02	17.20	17.05		
1.4	16QAM	3	3	17.04	16.99	17.04		
1.4	16QAM	6	0	17.12	17.03	16.92	18.4	0
1.4	64QAM	1	0	17.23	17.03	16.95	18.4	0
1.4	64QAM	1	3	16.99	17.13	17.01		
1.4	64QAM	1	5	17.18	17.27	17.08		
1.4	64QAM	3	0	16.93	17.18	17.20		
1.4	64QAM	3	1	16.98	17.02	17.15		
1.4	64QAM	3	3	17.10	17.20	16.97		
1.4	64QAM	6	0	16.95	17.12	17.08	18.4	0
1.4	256QAM	1	0	16.15	16.22	16.21	17.4	1
1.4	256QAM	1	3	16.17	16.14	16.13		
1.4	256QAM	1	5	16.30	16.15	16.24		
1.4	256QAM	3	0	16.18	16.19	16.28		
1.4	256QAM	3	1	16.31	16.33	16.23		
1.4	256QAM	3	3	16.20	16.25	16.22		
1.4	256QAM	6	0	16.16	16.14	16.21	17.4	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				133122	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.81	22.92	22.68	24	0
20	QPSK	1	49	22.68	22.87	22.55		
20	QPSK	1	99	22.76	22.89	22.43		
20	QPSK	50	0	21.64	21.89	21.63	23	1
20	QPSK	50	24	21.79	21.78	21.85		
20	QPSK	50	50	21.64	21.78	21.67		
20	QPSK	100	0	21.72	21.86	21.67		
20	16QAM	1	0	22.30	22.18	22.20	23	1
20	16QAM	1	49	22.30	22.14	22.07		
20	16QAM	1	99	22.23	22.09	22.31		
20	16QAM	50	0	20.87	20.87	20.75	22	2
20	16QAM	50	24	20.99	20.95	20.98		
20	16QAM	50	50	20.80	20.93	20.92		
20	16QAM	100	0	20.85	20.96	20.94		
20	64QAM	1	0	21.12	21.14	21.08	22	2
20	64QAM	1	49	21.19	21.21	21.17		
20	64QAM	1	99	21.23	21.09	21.07		
20	64QAM	50	0	19.99	19.87	19.88	21	3
20	64QAM	50	24	19.79	19.96	19.97		
20	64QAM	50	50	19.85	19.80	19.82		
20	64QAM	100	0	19.80	19.82	19.95		
20	256QAM	1	0	18.15	18.13	18.26	19	5
20	256QAM	1	49	18.05	18.21	18.20		
20	256QAM	1	99	18.04	18.19	18.02		
20	256QAM	50	0	18.02	18.01	18.01	19	5
20	256QAM	50	24	18.03	18.07	17.88		
20	256QAM	50	50	18.04	18.10	18.04		
20	256QAM	100	0	17.95	18.02	17.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.48	22.39	24	0
15	QPSK	1	37	22.35	22.44	22.23		
15	QPSK	1	74	22.25	22.26	22.34		
15	QPSK	36	0	21.21	21.35	21.24	23	1
15	QPSK	36	20	21.23	21.19	21.32		
15	QPSK	36	39	21.33	21.22	21.27		
15	QPSK	75	0	21.24	21.38	21.21		
15	16QAM	1	0	21.63	21.69	21.66	23	1
15	16QAM	1	37	21.72	21.78	21.65		
15	16QAM	1	74	21.78	21.73	21.63		
15	16QAM	36	0	20.33	20.44	20.44	22	2
15	16QAM	36

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BW [MHz]	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	20.48	20.51	20.46	21.6	0
20	QPSK	1	49	20.46	20.40	20.28		
20	QPSK	1	99	20.43	20.39	20.26		
20	QPSK	50	0	20.41	20.48	20.35	21.6	0
20	QPSK	50	24	20.38	20.36	20.45		
20	QPSK	50	50	20.34	20.45	20.35		
20	QPSK	100	0	20.38	20.42	20.41		
20	16QAM	1	0	20.33	20.39	20.37	21.6	0
20	16QAM	1	49	20.41	20.41	20.37		
20	16QAM	1	99	20.35	20.38	20.50		
20	16QAM	50	0	19.41	19.46	19.51	20.6	1
20	16QAM	50	24	19.49	19.51	19.57		
20	16QAM	50	50	19.58	19.44	19.47		
20	16QAM	100	0	19.38	19.43	19.50		
20	64QAM	1	0	19.08	19.15	19.08	20.6	1
20	64QAM	1	49	19.03	19.02	19.19		
20	64QAM	1	99	19.07	19.22	19.16		
20	64QAM	50	0	18.54	18.49	18.52	19.6	2
20	64QAM	50	24	18.42	18.51	18.47		
20	64QAM	50	50	18.62	18.54	18.53		
20	64QAM	100	0	18.50	18.42	18.33		
20	256QAM	1	0	16.33	16.36	16.34	17.6	4
20	256QAM	1	49	16.31	16.27	16.25		
20	256QAM	1	99	16.31	16.31	16.34		
20	256QAM	50	0	16.50	16.49	16.44	17.6	4
20	256QAM	50	24	16.51	16.41	16.59		
20	256QAM	50	50	16.61	16.52	16.41		
20	256QAM	100	0	16.27	16.39	16.27		
Channel				37725	38000	38275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.29	20.44	20.26	21.6	0
15	QPSK	1	37	20.33	20.33	20.12		
15	QPSK	1	74	20.34	20.32	20.11		
15	QPSK	36	0	20.36	20.33	20.17	21.6	0
15	QPSK	36	20	20.30	20.15	20.39		
15	QPSK	36	39	20.12	20.26	20.17		
15	QPSK	75	0	20.33	20.33	20.20		
15	16QAM	1	0	20.16	20.24	20.34	21.6	0
15	16QAM	1	37	20.22	20.20	20.33		
15	16QAM	1	74	20.15	20.18	20.46		
15	16QAM	36	0	19.29	19.40	19.48	20.6	1
15	16QAM	36	20	19.42	19.41	19.47		
15	16QAM	36	39	19.47	19.36	19.37		
15	16QAM	75	0	19.27	19.34	19.40		
15	64QAM	1	0	18.98	19.05	19.02	20.6	1
15	64QAM	1	37	18.93	18.93	19.12		
15	64QAM	1	74	19.02	19.16	19.06		
15	64QAM	36	0	18.41	18.43	18.43	19.6	2
15	64QAM	36	20	18.35	18.47	18.42		
15	64QAM	36	39	18.50	18.49	18.46		
15	64QAM	75	0	18.40	18.32	18.24		
15	256QAM	1	0	16.25	16.25	16.23	17.6	4
15	256QAM	1	37	16.26	16.21	16.14		
15	256QAM	1	74	16.22	16.22	16.23		
15	256QAM	36	0	16.38	16.42	16.39	17.6	4
15	256QAM	36	20	16.40	16.29	16.52		
15	256QAM	36	39	16.56	16.42	16.29		
15	256QAM	75	0	16.21	16.30	16.17		
Channel				37600	38000	38400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.26	20.34	20.42	21.6	0
10	QPSK	1	25	20.40	20.26	20.21		
10	QPSK	1	49	20.37	20.20	20.17		
10	QPSK	25	0	20.36	20.46	20.16	21.6	0
10	QPSK	25	12	20.18	20.17	20.29		
10	QPSK	25	25	20.31	20.34	20.19		
10	QPSK	50	0	20.21	20.30	20.36		
10	16QAM	1	0	20.12	20.30	20.26	21.6	0
10	16QAM	1	25	20.34	20.38	20.28		
10	16QAM	1	49	20.24	20.17	20.33		
10	16QAM	25	0	19.37	19.40	19.46	20.6	1
10	16QAM	25	12	19.43	19.39	19.52		
10	16QAM	25	25	19.49	19.38	19.39		
10	16QAM	50	0	19.30	19.31	19.43		
10	64QAM	1	0	19.03	19.11	19.04	20.6	1
10	64QAM	1	25	18.98	18.98	19.11		
10	64QAM	1	49	19.02	19.10	19.06		
10	64QAM	25	0	18.41	18.42	18.39	19.6	2
10	64QAM	25	12	18.39	18.40	18.34		
10	64QAM	25	25	18.57	18.46	18.52		
10	64QAM	50	0	18.39	18.35	18.23		
10	256QAM	1	0	16.21	16.31	16.23	17.6	4
10	256QAM	1	25	16.18	16.14	16.21		
10	256QAM	1	49	16.24	16.23	16.24		
10	256QAM	25	0	16.42	16.44	16.35	17.6	4
10	256QAM	25	12	16.44	16.32	16.46		
10	256QAM	25	25	16.48	16.43	16.32		
10	256QAM	50	0	16.17	16.36	16.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	20.42	20.32	20.36	21.6	0
5	QPSK	1	12	20.40	20.30	20.17		
5	QPSK	1	24	20.41	20.34	20.08		
5	QPSK	12	0	20.22	20.30	20.19	21.6	0
5	QPSK	12	7	20.36	20.30	20.34		
5	QPSK	12	13	20.19	20.27	20.16		
5	QPSK	25	0	20.35	20.27	20.28		
5	16QAM	1	0	20.21	20.22	20.19	21.6	0
5	16QAM	1	12	20.20	20.35	20.32		
5	16QAM	1	24	20.22	20.24	20.31		
5	16QAM	12	0	19.36	19.41	19.42	20.6	1
5	16QAM	12	7	19.44	19.42	19.54		
5	16QAM	12	13	19.53	19.34	19.38		
5	16QAM	25	0	19.30	19.37	19.42		
5	64QAM	1	0	18.98	19.06	19.02	20.6	1
5	64QAM	1	12	18.96	18.98	19.12		
5	64QAM	1	24	19.00	19.12	19.08		
5	64QAM	12	0	18.44	18.44	18.40	19.6	2
5	64QAM	12	7	18.30	18.38	18.34		
5	64QAM	12	13	18.58	18.48	18.44		
5	64QAM	25	0	18.43	18.38	18.26		
5	256QAM	1	0	16.22	16.28	16.27	17.6	4
5	256QAM	1	12	16.27	16.22	16.13		
5	256QAM	1	24	16.23	16.21	16.25		
5	256QAM	12	0	16.45	16.38	16.41	17.6	4
5	256QAM	12	7	16.44	16.33	16.55		
5	256QAM	12	13	16.49	16.39	16.33		
5	256QAM	25	0	16.15	16.31	16.17		

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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	20.48	20.50	20.53	20.44	20.49	21.6	0
20	QPSK	1	49	20.38	20.38	20.31	20.45	20.28		
20	QPSK	1	99	20.39	20.49	20.46	20.48	20.39		
20	QPSK	50	0	20.31	20.27	20.51	20.32	20.29	21.6	0
20	QPSK	50	24	20.34	20.48	20.38	20.38	20.27		
20	QPSK	50	50	20.44	20.32	20.28	20.39	20.40		
20	QPSK	100	0	20.30	20.26	20.48	20.34	20.42		
20	16QAM	1	0	20.39	20.47	20.47	20.41	20.41	21.6	0
20	16QAM	1	49	20.39	20.30	20.31	20.46	20.44		
20	16QAM	1	99	20.36	20.36	20.31	20.37	20.35		
20	16QAM	50	0	19.46	19.59	19.52	19.61	19.53	20.6	1
20	16QAM	50	24	19.62	19.39	19.63	19.55	19.52		
20	16QAM	50	50	19.46	19.52	19.45	19.41	19.50		
20	16QAM	100	0	19.55	19.55	19.45	19.54	19.57		
20	64QAM	1	0	19.32	19.20	19.22	19.20	19.19	20.6	1
20	64QAM	1	49	19.24	19.20	19.24	19.28	19.28		
20	64QAM	1	99	19.22	19.10	19.23	19.25	19.22		
20	64QAM	50	0	18.45	18.51	18.51	18.52	18.53	19.6	2
20	64QAM	50	24	18.62	18.56	18.42	18.54	18.63		
20	64QAM	50	50	18.51	18.50	18.55	18.55	18.54		
20	64QAM	100	0	18.38	18.56	18.43	18.49	18.47		
20	256QAM	1	0	16.26	16.39	16.38	16.38	16.39	17.6	4
20	256QAM	1	49	16.41	16.35	16.49	16.48	16.29		
20	256QAM	1	99	16.34	16.42	16.43	16.41	16.32		
20	256QAM	50	0	16.64	16.56	16.53	16.50	16.63	17.6	4
20	256QAM	50	24	16.51	16.42	16.59	16.61	16.50		
20	256QAM	50	50	16.65	16.49	16.46	16.65	16.58		
20	256QAM	100	0	16.49	16.36	16.44	16.34	16.39		
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	20.31	20.41	20.46	20.38	20.37	22	0
15	QPSK	1	37	20.17	20.29	20.19	20.35	20.26		
15	QPSK	1	74	20.18	20.28	20.41	20.35	20.32		
15	QPSK	36	0	20.17	20.05	20.38	20.21	20.08	21.6	0
15	QPSK	36	20	20.14	20.32	20.19	20.18	20.21		
15	QPSK	36	39	20.34	20.28	20.25	20.19	20.30		
15	QPSK	75	0	20.19	20.08	20.27	20.22	20.21		
15	16QAM	1	0	20.18	20.28	20.31	20.34	20.31	21.6	0
15	16QAM	1	37	20.18	20.23	20.18	20.38	20.32		
15	16QAM	1	74	20.16	20.20	20.25	20.23	20.32		
15	16QAM	36	0	19.40	19.56	19.43	19.56	19.47	20.6	1
15	16QAM	36	20	19.54	19.27	19.55	19.46	19.46		
15	16QAM	36	39	19.35	19.43	19.41	19.35	19.37		
15	16QAM	75	0	19.49	19.43	19.42	19.45	19.51		
15	64QAM	1	0	19.26	19.13	19.10	19.13	19.16	20.6	1
15	64QAM	1	37	19.13	19.12	19.19	19.24	19.21		
15	64QAM	1	74	19.09	19.01	19.18	19.18	19.17		
15	64QAM	36	0	18.39	18.41	18.48	18.47	18.45	19.6	2
15	64QAM	36	20	18.51	18.44	18.32	18.49	18.59		
15	64QAM	36	39	18.38	18.41	18.49	18.49	18.44		
15	64QAM	75	0	18.31	18.48	18.33	18.40	18.34		
15	256QAM	1	0	16.16	16.28	16.26	16.34	16.30	17.6	4
15	256QAM	1	37	16.30	16.29	16.39	16.42	16.20		
15	256QAM	1	74	16.27	16.32	16.32	16.30	16.20		
15	256QAM	36	0	16.51	16.52	16.41	16.47	16.54	17.6	4
15	256QAM	36	20	16.44	16.31	16.55	16.53	16.41		
15	256QAM	36	39	16.53	16.44	16.42	16.58	16.51		
15	256QAM	75	0	16.45	16.30	16.35	16.22	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.43	20.30	20.36	20.29	20.31	22	0
10	QPSK	1	25	20.28	20.20	20.13	20.30	20.21		
10	QPSK	1	49	20.33	20.38	20.32	20.45	20.34		
10	QPSK	25	0	20.23	20.23	20.33	20.20	20.19	21.6	0
10	QPSK	25	12	20.30	20.31	20.29	20.33	20.17		
10	QPSK	25	25	20.37	20.25	20.20	20.29	20.20		
10	QPSK	50	0	20.11	20.05	20.32	20.18	20.38		
10	16QAM	1	0	20.24	20.36	20.30	20.25	20.24	21.6	0
10	16QAM	1	25	20.26	20.09	20.26	20.33	20.33		
10	16QAM	1	49	20.28	20.31	20.26	20.18	20.19		
10	16QAM	25	0	19.39	19.53	19.46	19.57	19.46	20.6	1
10	16QAM	25	12	19.53	19.36	19.52	19.46	19.46		
10	16QAM	25	25	19.40	19.48	19.34	19.36	19.45		
10	16QAM	50	0	19.49	19.51	19.33	19.44	19.48		
10	64QAM	1	0	19.14	19.15	19.19	19.08	19.13	20.6	1
10	64QAM	1	25	19.12	19.09	19.18	19.24	19.18		
10	64QAM	1	49	19.14	19.03	19.15	19.12	19.18		
10	64QAM	25	0	18.35	18.47	18.45	18.49	18.44	19.6	2
10	64QAM	25	12	18.51	18.45	18.33	18.51	18.58		
10	64QAM	25	25	18.41	18.43	18.43	18.50	18.47		
10	64QAM	50	0	18.34	18.47	18.39	18.45	18.36		
10	256QAM	1	0	16.19	16.32	16.32	16.29	16.31	17.6	4
10	256QAM	1	25	16.36	16.31	16.36	16.44	16.17		
10	256QAM	1	49	16.23	16.31	16.37	16.34	16.28		
10	256QAM	25	0	16.61	16.44	16.49	16.46	16.60	17.6	4
10	256QAM	25	12	16.48	16.32	16.53	16.49	16.43		
10	256QAM	25	25	16.56	16.46	16.37	16.54	16.54		
10	256QAM	50	0	16.46	16.27	16.37	16.25	16.34		
Channel				39675	40135	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.39	20.33	20.40	20.31	20.38	22	0
5	QPSK	1	12	20.35	20.32	20.11	20.40	20.15		
5	QPSK	1	24	20.18	20.38	20.39	20.32	20.36		
5	QPSK	12	0	20.17	20.18	20.40	20.16	20.25	21.6	0
5	QPSK	12	7	20.21	20.45	20.27	20.35	20.15		
5	QPSK	12	13	20.42	20.23	20.16	20.37	20.31		
5	QPSK	25	0	20.21	20.05	20.29	20.15	20.25		
5	16QAM	1	0	20.20	20.31	20.30	20.21	20.22	21.6	0
5	16QAM	1	12	20.17	20.13	20.26	20.32	20.30		
5	16QAM	1	24	20.19	20.17	20.19	20.26	20.15		
5	16QAM	12	0	19.41	19.51	19.45	19.55	19.46	20.6	1
5	16QAM	12	7	19.55	19.34	19.54	19.51	19.43		
5	16QAM	12	13	19.34	19.45	19.40	19.32	19.42		
5	16QAM	25	0	19.44	19.43	19.36	19.41	19.52		
5	64QAM	1	0	19.25	19.13	19.13	19.09	19.08	20.6	1
5	64QAM	1	12	19.18	19.10	19.14	19.17	19.18		
5	64QAM	1	24	19.11	19.03	19.17	19.18	19.15		
5	64QAM	12	0	18.41	18.47	18.46	18.49	18.41	19.6	2
5	64QAM	12	7	18.51	18.47	18.32	18.43	18.55		
5	64QAM	12	13	18.41	18.41	18.50	18.50	18.48		
5	64QAM	25	0	18.31	18.48	18.32	18.37	18.41		
5	256QAM	1	0	16.20	16.33	16.33	16.26	16.28	17.6	4
5	256QAM	1	12	16.37	16.29	16.37	16.36	16.17		
5	256QAM	1	24	16.23	16.38	16.31	16.30	16.23		
5	256QAM	12	0	16.60	16.48	16.49	16.39	16.51	17.6	4
5	256QAM	12	7	16.39	16.34	16.47	16.56	16.40		
5	256QAM	12	13	16.59	16.42	16.37	16.60	16.49		
5	256QAM	25	0	16.42	16.28	16.35	16.26	16.27		

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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	22.15	22.19	22.21	22.10	22.17	23.2	0
20	QPSK	1	49	22.16	22.02	21.99	22.15	22.02		
20	QPSK	1	99	22.07	22.05	22.15	22.10	22.12		
20	QPSK	50	0	22.09	22.16	22.19	22.07	22.13	23.2	0
20	QPSK	50	24	22.05	22.03	21.94	22.01	22.17		
20	QPSK	50	50	21.94	22.14	21.97	21.99	22.13		
20	QPSK	100	0	22.01	22.01	22.16	22.09	22.14		
20	16QAM	1	0	22.07	22.12	22.10	22.06	21.98	23.2	0
20	16QAM	1	49	21.99	22.00	22.16	22.03	22.17		
20	16QAM	1	99	22.01	22.00	22.03	22.05	21.97		
20	16QAM	50	0	22.03	21.98	22.16	22.12	21.98	23.2	0
20	16QAM	50	24	22.09	22.07	21.95	22.17	22.04		
20	16QAM	50	50	22.00	22.14	22.17	22.03	22.11		
20	16QAM	100	0	21.96	22.16	22.00	22.10	22.11		
20	64QAM	1	0	22.12	22.02	22.15	22.15	22.13	23.2	0
20	64QAM	1	49	21.98	21.96	22.05	22.05	22.08		
20	64QAM	1	99	22.15	22.02	22.08	22.13	22.04		
20	64QAM	50	0	21.84	21.43	21.52	21.41	21.39	22.7	0.5
20	64QAM	50	24	21.62	21.43	21.57	21.41	21.56		
20	64QAM	50	50	21.41	21.63	21.61	21.54	21.49		
20	64QAM	100	0	21.40	21.50	21.41	21.43	21.51		
20	256QAM	1	0	19.38	19.58	19.49	19.42	19.37	20.7	2.5
20	256QAM	1	49	19.48	19.40	19.38	19.56	19.51		
20	256QAM	1	99	19.47	19.44	19.44	19.52	19.51		
20	256QAM	50	0	19.45	19.44	19.52	19.45	19.48	20.7	2.5
20	256QAM	50	24	19.49	19.53	19.65	19.59	19.41		
20	256QAM	50	50	19.44	19.62	19.61	19.42	19.62		
20	256QAM	100	0	19.34	19.36	19.42	19.53	19.30		
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	21.97	21.97	22.10	22.01	22.14	23	0
15	QPSK	1	37	21.95	21.87	21.94	22.01	21.87		
15	QPSK	1	74	21.91	21.86	22.08	22.07	22.08		
15	QPSK	36	0	21.89	22.07	22.07	22.04	21.92	23.2	0
15	QPSK	36	20	21.93	21.90	21.77	21.91	22.02		
15	QPSK	36	39	21.87	22.06	21.87	21.93	22.05		
15	QPSK	75	0	21.81	21.89	22.01	21.96	22.09		
15	16QAM	1	0	21.94	22.00	22.02	21.86	21.91	23.2	0
15	16QAM	1	37	21.84	21.82	22.03	21.95	22.09		
15	16QAM	1	74	21.82	21.91	21.91	22.02	21.86		
15	16QAM	36	0	22.01	21.87	22.05	21.94	21.80	23.2	0
15	16QAM	36	20	21.89	21.91	21.83	22.13	21.89		
15	16QAM	36	39	21.83	22.12	21.95	21.86	22.08		
15	16QAM	75	0	21.83	22.04	21.85	22.04	22.03		
15	64QAM	1	0	22.03	21.92	21.96	22.07	21.98	23.2	0
15	64QAM	1	37	21.84	21.94	21.89	22.01	21.91		
15	64QAM	1	74	22.02	21.83	21.98	21.94	21.97		
15	64QAM	36	0	21.54	21.35	21.41	21.34	21.28	22.7	0.5
15	64QAM	36	20	21.51	21.36	21.47	21.30	21.50		
15	64QAM	36	39	21.34	21.57	21.57	21.44	21.38		
15	64QAM	75	0	21.34	21.46	21.37	21.34	21.42		
15	256QAM	1	0	19.28	19.51	19.43	19.34	19.29	20.7	2.5
15	256QAM	1	37	19.41	19.30	19.31	19.49	19.48		
15	256QAM	1	74	19.43	19.40	19.37	19.45	19.44		
15	256QAM	36	0	19.40	19.39	19.46	19.35	19.41	20.7	2.5
15	256QAM	36	20	19.36	19.46	19.57	19.49	19.29		
15	256QAM	36	39	19.34	19.53	19.55	19.35	19.59		
15	256QAM	75	0	19.24	19.27	19.37	19.44	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.99	22.02	21.99	21.93	22.01	23	0
10	QPSK	1	25	22.05	21.87	21.84	22.00	21.84		
10	QPSK	1	49	21.86	21.96	21.94	21.90	21.91		
10	QPSK	25	0	21.89	22.02	22.09	21.96	22.00	23.2	0
10	QPSK	25	12	22.00	21.92	21.89	21.97	22.01		
10	QPSK	25	25	21.79	22.11	21.95	21.92	21.92		
10	QPSK	50	0	21.83	21.87	21.95	22.02	22.08		
10	16QAM	1	0	22.01	21.93	22.08	21.96	21.87	23.2	0
10	16QAM	1	25	21.86	21.94	22.11	21.90	22.14		
10	16QAM	1	49	21.97	21.90	21.95	21.88	21.89		
10	16QAM	25	0	21.82	21.86	21.99	21.96	21.88	23.2	0
10	16QAM	25	12	21.98	21.92	21.78	22.12	21.86		
10	16QAM	25	25	21.97	22.10	22.03	21.88	21.96		
10	16QAM	50	0	21.91	22.08	21.85	22.03	21.95		

GSM850 Ant1	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	31.45	31.57	31.52	33.00	22.45	22.57	22.52	24.00
GPRS 1 Tx slot	31.43	31.51	31.47	33.00	22.43	22.51	22.47	24.00
GPRS 2 Tx slots	28.45	28.52	28.44	29.50	22.45	22.52	22.44	23.50
GPRS 3 Tx slots	26.71	26.80	26.77	27.50	22.45	22.54	22.51	23.24
GPRS 4 Tx slots	25.64	25.77	25.73	27.00	22.64	22.77	22.73	24.00
EDGE 1 Tx slot	26.13	26.21	26.11	27.50	17.13	17.21	17.11	18.50
EDGE 2 Tx slots	24.86	24.94	24.88	26.00	18.86	18.94	18.88	20.00
EDGE 3 Tx slots	22.83	22.97	22.84	24.00	18.57	18.71	18.58	19.74
EDGE 4 Tx slots	21.57	21.61	21.54	22.50	18.57	18.61	18.54	19.50

GSM1900 Ant1	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	26.22	26.51	26.35	28.00	17.22	17.51	17.35	19.00
GPRS 1 Tx slot	26.21	26.49	26.33	28.00	17.21	17.49	17.33	19.00
GPRS 2 Tx slots	23.26	23.46	23.23	24.00	17.26	17.46	17.23	18.00
GPRS 3 Tx slots	21.43	21.73	21.57	22.50	17.17	17.47	17.31	18.24
GPRS 4 Tx slots	20.62	20.65	20.61	22.00	17.62	17.65	17.61	19.00
EDGE 1 Tx slot	24.69	24.83	24.69	26.00	15.69	15.83	15.69	17.00
EDGE 2 Tx slots	23.44	23.53	23.49	24.50	17.44	17.53	17.49	18.50
EDGE 3 Tx slots	20.81	20.93	20.89	22.00	16.55	16.67	16.63	17.74
EDGE 4 Tx slots	19.49	19.59	19.49	20.50	16.49	16.59	16.49	17.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			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	15.82	15.85	15.80	16.90	17.21	17.24	17.12	18.50	21.68	21.72	21.67	23.00
3GPP Rel 99	RMC 12.2Kbps	15.84	15.86	15.81	16.90	17.23	17.26	17.14	18.50	21.71	21.74	21.69	23.00
3GPP Rel 6	HSDPA Subtest-1	14.83	14.67	15.02	15.90	16.26	15.94	16.07	17.50	20.47	20.63	20.68	22.00
3GPP Rel 6	HSDPA Subtest-2	14.73	14.86	14.73	15.90	16.02	16.07	15.98	17.50	20.47	20.56	20.47	22.00
3GPP Rel 6	HSDPA Subtest-3	14.30	14.40	14.11	15.40	15.45	15.47	15.44	17.00	20.05	20.28	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	14.17	14.38	14.47	15.40	15.83	15.58	15.56	17.00	20.25	20.11	20.13	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.81	14.93	14.81	15.90	16.08	16.31	16.14	17.50	20.74	20.75	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.56	14.64	14.91	15.90	16.05	16.00	16.21	17.50	20.47	20.59	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.12	14.28	14.30	15.40	15.63	15.36	15.45	17.00	20.01	20.04	20.02	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.21	14.29	14.21	15.40	15.76	15.88	15.65	17.00	20.07	20.22	20.25	21.50
3GPP Rel 6	HSUPA Subtest-1	14.62	14.90	14.64	15.90	16.26	16.25	16.01	17.50	20.46	20.73	20.48	22.00
3GPP Rel 6	HSUPA Subtest-2	12.62	12.75	12.71	13.90	13.99	14.07	14.14	15.50	18.64	18.63	18.67	20.00
3GPP Rel 6	HSUPA Subtest-3	13.80	13.80	13.81	14.90	15.28	15.02	14.93	16.50	19.60	19.62	19.60	21.00
3GPP Rel 6	HSUPA Subtest-4	12.57	12.68	12.68	13.90	13.87	14.36	14.13	15.50	18.47	18.56	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	14.66	14.86	14.66	15.90	16.15	16.27	16.17	17.50	20.70	20.65	20.71	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.03	12.21	12.11	13.40	13.68	13.48	13.58	15.00	18.14	18.18	17.98	19.50

Band 2 Ant1

BW [MHz]	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	15.97	16.04	16.01		
20	QPSK	1	49	16.01	15.87	15.82	17.3	0
20	QPSK	1	99	16.02	15.99	15.90		
20	QPSK	50	0	15.93	16.02	15.92		
20	QPSK	50	24	15.91	16.00	15.81	17.3	0
20	QPSK	50	50	15.94	15.92	15.99		
20	QPSK	100	0	15.80	16.00	16.00		
20	16QAM	1	0	15.93	15.85	16.03		
20	16QAM	1	49	15.94	15.88	15.86	17.3	0
20	16QAM	1	99	15.85	15.87	16.02		
20	16QAM	50	0	15.86	15.91	16.01		
20	16QAM	50	24	15.87	15.80	15.95	17.3	0
20	16QAM	50	50	15.98	15.97	16.00		
20	16QAM	100	0	15.98	15.88	15.84		
20	64QAM	1	0	15.80	15.91	15.99		
20	64QAM	1	49	15.80	15.89	15.84	17.3	0
20	64QAM	1	99	15.96	16.00	15.87		
20	64QAM	50	0	15.91	15.95	15.96		
20	64QAM	50	24	15.92	15.97	15.94	17.3	0
20	64QAM	50	50	15.81	15.94	16.00		
20	64QAM	100	0	15.88	15.80	15.94		
20	256QAM	1	0	15.86	15.89	15.97		
20	256QAM	1	49	15.90	15.88	15.85	17.3	0
20	256QAM	1	99	15.83	15.97	15.94		
20	256QAM	50	0	15.83	16.00	15.83		
20	256QAM	50	24	15.82	15.90	15.91	17.3	0
20	256QAM	50	50	15.90	15.97	15.84		
20	256QAM	100	0	15.95	15.98	16.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.77	15.85	15.93		
15	QPSK	1	37	15.98	15.83	15.80	17.3	0
15	QPSK	1	74	15.89	15.81	15.70		
15	QPSK	36	0	15.82	15.94	15.90		
15	QPSK	36	20	15.74	15.92	15.64	17.3	0
15	QPSK	36	39	15.92	15.60	15.95		
15	QPSK	75	0	15.59	15.87	15.95		
15	16QAM	1	0	15.90	15.65	15.82		
15	16QAM	1	37	15.89	15.81	15.73	17.3	0
15	16QAM	1	74	15.73	15.73	15.86		
15	16QAM	36	0	15.97	15.87	15.83		
15	16QAM	36	20	15.74	15.65	15.89	17.3	0
15	16QAM	36	39	15.80	15.86	15.83		
15	16QAM	75	0	15.80	15.76	15.79		
15	64QAM	1	0	15.75	15.84	15.77		
15	64QAM	1	37	15.77	15.73	15.75	17.3	0
15	64QAM	1	74	15.92	15.81	15.77		
15	64QAM	36	0	15.80	15.84	15.88		
15	64QAM	36	20	15.88	15.83	15.83	17.3	0
15	64QAM	36	39	15.59	15.76	15.80		
15	64QAM	75	0	15.86	15.68	15.77		
15	256QAM	1	0	15.71	15.77	15.81		
15	256QAM	1	37	15.77	15.66	15.70	17.3	0
15	256QAM	1	74	15.63	15.89	15.86		
15	256QAM	36	0	15.75	15.96	15.77		
15	256QAM	36	20	15.69	15.70	15.88	17.3	0
15	256QAM	36	39	15.59	15.75	15.75		
15	256QAM	75	0	15.73	15.94	15.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.89	15.96	15.85		
10	QPSK	1	25	15.83	15.74	15.79	17.3	0
10	QPSK	1	49	15.87	15.80	15.76		
10	QPSK	25	0	15.79	15.89	15.83		
10	QPSK	25	12	15.73	15.93	15.71	17.3	0
10	QPSK	25	25	15.74	15.76	15.82		
10	QPSK	50	0	15.70	15.97	15.98		
10	16QAM	1	0	15.73	15.65	15.86		
10	16QAM	1	25	15.85	15.85	15.68	17.3	0
10	16QAM	1	49	15.70	15.86	15.97		
10	16QAM	25	0	15.96	15.82	15.86		
10	16QAM	25	12	15.65	15.60	15.74	17.3	0
10	16QAM	25	25	15.94	15.75	15.81		
10	16QAM	50	0	15.91	15.85	15.76		
10	64QAM	1	0	15.78	15.76	15.80		
10	64QAM	1	25	15.71	15.83	15.70	17.3	0
10	64QAM	1	49	15.86	15.85	15.72		
10	64QAM	25	0	15.79	15.77	15.88		
10	64QAM	25	12	15.90	15.79	15.80	17.3	0
10	64QAM	25	25	15.75	15.75	15.91		
10	64QAM	50	0	15.81	15.73	15.75		
10	256QAM	1	0	15.79	15.85	15.76		
10	256QAM	1	25	15.79	15.81	15.67	17.3	0
10	256QAM	1	49	15.62	15.90	15.88		
10	256QAM	25	0	15.66	15.93	15.76		
10	256QAM	25	12	15.69	15.68	15.72	17.3	0
10	256QAM	25	25	15.73	15.79	15.81		
10	256QAM	50	0	15.78	15.76	15.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.85	15.98	15.86		
5	QPSK	1	12	15.94	15.79	15.60	17.3	0
5	QPSK	1	24	15.97	15.90	15.79		
5	QPSK	12	0	15.84	15.93	15.77		
5	QPSK	12	7	15.79	15.88	15.72	17.3	0
5	QPSK	12	13	15.82	15.74	15.81		
5	QPSK	25	0	15.70	15.90	15.82		
5	16QAM	1	0	15.83	15.87	15.93		
5	16QAM	1	12	15.81	15.78	15.83	17.3	0
5	16QAM	1	24	15.67	15.75	15.98		
5	16QAM	12	0	15.87	15.77	15.82		
5	16QAM	12	7	15.67	15.62	15.82	17.3	0
5	16QAM	12	13	15.80	15.77	15.88		
5	16QAM	25	0	15.94	15.67	15.73		
5	64QAM	1	0	15.75	15.82	15.86		
5	64QAM	1	12	15.77	15.85	15.77	17.3	0
5	64QAM	1	24	15.77	15.83	15.85		
5	64QAM	12	0	15.85	15.73	15.87		
5	64QAM	12	7	15.73	15.83	15.86	17.3	0
5	64QAM	12	13	15.73	15.84	15.98		
5	64QAM	25	0	15.70	15.78	15.79		
5	256QAM	1	0	15.70	15.71	15.82		
5	256QAM	1	12	15.83	15.83	15.81	17.3	0
5	256QAM	1	24	15.77	15.92	15.90		
5	256QAM	12	0	15.64	15.65	15.71		
5	256QAM	12	7	15.79	15.71	15.80	17.3	0
5	256QAM	12	13	15.68	15.81	15.64		
5	256QAM	25	0	15.90	15.77	15.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.82	15.90	15.85		
3	QPSK	1	8	15.95	15.68	15.66	17.3	0
3	QPSK	1	14	15.96	15.84	15.85		
3	QPSK	8	0	15.90	15.90	15.80		
3	QPSK	8	4	15.69	15.94	15.77	17.3	0
3	QPSK	8	7	15.75	15.83	15.84		
3	QPSK	15	0	15.61	15.85	15.87		
3	16QAM	1	0	15.79	15.74	15.91		
3	16QAM	1	8	15.80	15.83	15.66	17.3	0
3	16QAM	1	14	15.71	15.84	15.86		
3	16QAM	8	0	15.97	15.82	15.90		
3	16QAM	8	4	15.74	15.72	15.73	17.3	0
3	16QAM	8	7	15.90	15.88	15.86		
3	16QAM	15	0	15.96	15.76	15.68		
3	64QAM	1	0	15.78	15.88	15.86		
3	64QAM	1	8	15.60	15.77	15.75	17.3	0
3	64QAM	1	14	15.91	15.81	15.75		
3	64QAM	8	0	15.76	15.90	15.79		
3	64QAM	8	4	15.77	15.93	15.91	17.3	0
3	64QAM	8	7	15.75	15.83	15.81		
3	64QAM	15	0	15.80	15.66	15.84		
3	256QAM	1	0	15.78	15.74	15.86		
3	256QAM	1	8	15.87	15.72	15.77	17.3	0
3	256QAM	1	14	15.64	15.79	15.85		
3	256QAM	8	0	15.77	15.83	15.77		
3	256QAM	8	4	15.73	15.72	15.87	17.3	0
3	256QAM	8	7	15.62	15.75	15.76		
3	256QAM	15	0	15.75	15.80	15.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.94	15.84	15.84		
1.4	QPSK	1	3	15.99	15.80	15.70	17.3	0
1.4	QPSK	1	5	15.89	15.86	15.77		
1.4	QPSK	3	0	15.79	15.96	15.81		
1.4	QPSK	3	1	15.69	15.80	15.66		
1.4	QPSK	3	3	15.78	15.89	15.96		
1.4	QPSK	6	0	15.72	15.86	15.89	17.3	0
1.4	16QAM	1	0	15.80	15.77	15.95		
1.4	16QAM	1	3	15.72	15.82	15.72		
1.4	16QAM	1	5	15.75	15.68	15.99	17.3	0
1.4	16QAM	3	0	15.86	15.69	15.97		
1.4	16QAM	3	1	15.78	15.65	15.87		
1.4	16QAM	3	3	15.80	15.78	15.84		
1.4	16QAM	6	0	15.91	15.72	15.70	17.3	0
1.4	64QAM	1	0	15.69	15.87	15.87		
1.4	64QAM	1	3	15.59	15.70	15.85		
1.4	64QAM	1	5	15.90	15.94	15.76	17.3	0
1.4	64QAM	3	0	15.85	15.76	15.88		
1.4	64QAM	3	1	15.78	15.85	15.96		
1.4	64QAM	3	3	15.75	15.78	15.98		
1.4	64QAM	6	0	15.74	15.76	15.77	17.3	0
1.4	256QAM	1	0	15.68	15.83	15.82		
1.4	256QAM	1	3	15.72	15.74	15.79		
1.4	256QAM	1	5	15.69	15.79	15.81	17.3	0
1.4	256QAM	3	0	15.71	15.82	15.79		
1.4	256QAM	3	1	15.78	15.87	15.78		
1.4	256QAM	3	3	15.73	15.86	15.72		
1.4	256QAM	6	0	15.80	15.91	15.90	17.3	0

Band 4 Ant1

BW [MHz]	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	18.66	18.68	18.58		
20	QPSK	1	49	18.45	18.62	18.54	20.3	0
20	QPSK	1	99	18.48	18.55	18.57		
20	QPSK	50	0	18.62	18.67	18.54		
20	QPSK	50	24	18.59	18.63	18.66	20.3	0
20	QPSK	50	50	18.49	18.55	18.49		
20	QPSK	100	0	18.47	18.62	18.59		
20	16QAM	1	0	18.56	18.48	18.45		
20	16QAM	1	49	18.45	18.59	18.63	20.3	0
20	16QAM	1	99	18.64	18.51	18.62		
20	16QAM	50	0	18.57	18.55	18.58		
20	16QAM	50	24	18.63	18.66	18.50	20.3	0
20	16QAM	50	50	18.46	18.65	18.52		
20	16QAM	100	0	18.53	18.57	18.67		
20	64QAM	1	0	18.44	18.59	18.45		
20	64QAM	1	49	18.53	18.65	18.62	20.3	0
20	64QAM	1	99	18.57	18.55	18.62		
20	64QAM	50	0	18.64	18.65	18.45		
20	64QAM	50	24	18.65	18.61	18.49	20.3	0
20	64QAM	50	50	18.50	18.59	18.66		
20	64QAM	100	0	18.64	18.57	18.62		
20	256QAM	1	0	16.96	16.86	16.80		
20	256QAM	1	49	16.74	16.94	16.76	18.3	2
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84		
20	256QAM	50	24	16.92	16.96	16.77	18.3	2
20	256QAM	50	50	16.76	16.90	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.50	18.53	18.41		
15	QPSK	1	37	18.40	18.48	18.48	20.3	0
15	QPSK	1	74	18.40	18.42	18.49		
15	QPSK	36	0	18.50	18.56	18.50		
15	QPSK	36	20	18.55	18.61	18.59	20.3	0
15	QPSK	36	39	18.40	18.41	18.40		
15	QPSK	75	0	18.32	18.55	18.44		
15	16QAM	1	0	18.48	18.32	18.31		
15	16QAM	1	37	18.36	18.42	18.54	20.3	0
15	16QAM	1	74	18.55	18.39	18.48		
15	16QAM	36	0	18.54	18.50	18.53		
15	16QAM	36	20	18.61	18.54	18.47	20.3	0
15	16QAM	36	39	18.31	18.51	18.35		
15	16QAM	75	0	18.36	18.39	18.54		
15	64QAM	1	0	18.41	18.47	18.38		
15	64QAM	1	37	18.37	18.54	18.60	20.3	0
15	64QAM	1	74	18.53	18.53	18.49		
15	64QAM	36	0	18.45	18.47	18.35		
15	64QAM	36	20	18.38	18.46	18.50	20.3	0
15	64QAM	36	39	18.47	18.50	18.55		
15	64QAM	75	0	18.39	18.47	18.50		
15	256QAM	1	0	16.65	16.54	16.66		
15	256QAM	1	37	16.64	16.56	16.66	18.3	2
15	256QAM	1	74	16.60	16.55	16.46		
15	256QAM	36	0	16.59	16.52	16.56		
15	256QAM	36	20	16.49	16.39	16.46	18.3	2
15	256QAM	36	39	16.63	16.56	16.44		
15	256QAM	75	0	16.41	16.51	16.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.59	18.58	18.48		
10	QPSK	1	25	18.30	18.58	18.36	20.3	0
10	QPSK	1	49	18.35	18.39	18.39		
10	QPSK	25	0	18.59	18.56	18.44		
10	QPSK	25	12	18.48	18.60	18.49	20.3	0
10	QPSK	25	25	18.35	18.48	18.31		
10	QPSK	50	0	18.43	18.58	18.43		
10	16QAM	1	0	18.40	18.39	18.33		
10	16QAM	1	25	18.49	18.44	18.50	20.3	0
10	16QAM	1	49	18.50	18.49	18.59		
10	16QAM	25	0	18.42	18.43	18.46		
10	16QAM	25	12	18.60	18.64	18.37	20.3	0
10	16QAM	25	25	18.37	18.55	18.41		
10	16QAM	50	0	18.47	18.50	18.62		
10	64QAM	1	0	18.49	18.34	18.32		
10	64QAM	1	25	18.50	18.60	18.56	20.3	0
10	64QAM	1	49	18.44	18.52	18.57		
10	64QAM	25	0	18.45	18.44	18.30		
10	64QAM	25	12	18.39	18.47	18.57	20.3	0
10	64QAM	25	25	18.47	18.48	18.61		
10	64QAM	50	0	18.42	18.56	18.44		
10	256QAM	1	0	16.66	16.53	16.69		
10	256QAM	1	25	16.58	16.60	16.51	18.3	2
10	256QAM	1	49	16.60	16.53	16.40		
10	256QAM	25	0	16.61	16.54	16.57		
10	256QAM	25	12	16.49	16.47	16.47	18.3	2
10	256QAM	25	25	16.62	16.65	16.48		
10	256QAM	50	0	16.39	16.50	16.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.63	18.60	18.42		
5	QPSK	1	12	18.41	18.57	18.51	20.3	0
5	QPSK	1	24	18.42	18.42	18.53		
5	QPSK	12	0	18.56	18.50	18.40		
5	QPSK	12	7	18.57	18.60	18.60	20.3	0
5	QPSK	12	13	18.41	18.42	18.31		
5	QPSK	25	0	18.39	18.56	18.44		
5	16QAM	1	0	18.50	18.31	18.33		
5	16QAM	1	12	18.30	18.44	18.51	20.3	0
5	16QAM	1	24	18.51	18.41	18.54		
5	16QAM	12	0	18.52	18.48	18.54		
5	16QAM	12	7	18.52	18.55	18.44	20.3	0
5	16QAM	12	13	18.52	18.48	18.54		
5	16QAM	25	0	18.40	18.53	18.51		
5	64QAM	1	0	18.34	18.35	18.31		
5	64QAM	1	12	18.45	18.57	18.57	20.3	0
5	64QAM	1	24	18.52	18.37	18.54		
5	64QAM	12	0	18.49	18.43	18.37		
5	64QAM	12	7	18.41	18.52	18.50	20.3	0
5	64QAM	12	13	18.48	18.45	18.61		
5	64QAM	25	0	18.39	18.48	18.43		
5	256QAM	1	0	16.61	16.55	16.64		
5	256QAM	1	12	16.57	16.63	16.47	18.3	2
5	256QAM	1	24	16.58	16.52	16.41		
5	256QAM	12	0	16.59	16.48	16.54		
5	256QAM	12	7	16.46	16.41	16.52	18.3	2
5	256QAM	12	13	16.64	16.65	16.49		
5	256QAM	25	0	16.43	16.51	16.46		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.51	18.54	18.43		
3	QPSK	1	8	18.39	18.45	18.46	20.3	0
3	QPSK	1	14	18.42	18.39	18.54		
3	QPSK	8	0	18.52	18.53	18.37		
3	QPSK	8	4	18.47	18.55	18.54	20.3	0
3	QPSK	8	7	18.41	18.48	18.40		
3	QPSK	15	0	18.43	18.44	18.49		
3	16QAM	1	0	18.47	18.37	18.41		
3	16QAM	1	8	18.33	18.57	18.55	20.3	0
3	16QAM	1	14	18.48	18.42	18.46		
3	16QAM	8	0	18.51	18.49	18.54		
3	16QAM	8	4	18.46	18.53	18.46	20.3	0
3	16QAM	8	7	18.33	18.51	18.35		
3	16QAM	15	0	18.47	18.45	18.58		
3	64QAM	1	0	18.37	18.43	18.49		
3	64QAM	1	8	18.51	18.56	18.55	20.3	0
3	64QAM	1	14	18.55	18.42	18.56		
3	64QAM	8	0	18.49	18.48	18.38		
3	64QAM	8	4	18.41	18.51	18.53	20.3	0
3	64QAM	8	7	18.44	18.51	18.61		
3	64QAM	15	0	18.40	18.53	18.46		
3	256QAM	1	0	16.70	16.57	16.65		
3	256QAM	1	8	16.64	16.62	16.53	18.3	2
3	256QAM	1	14	16.56	16.57	16.46		
3	256QAM	8	0	16.58	16.51	16.52		
3	256QAM	8	4	16.47	16.38	16.44	18.3	2
3	256QAM	8	7	16.59	16.62	16.45		
3	256QAM	15	0	16.38	16.49	16.37		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.53	18.61	18.53		
1.4	QPSK	1	3	18.37	18.56	18.51	20.3	0
1.4	QPSK	1	5	18.31	18.37	18.48		
1.4	QPSK	3	0	18.50	18.55	18.47		
1.4	QPSK	3	1	18.48	18.48	18.61		
1.4	QPSK	3	3	18.33	18.38	18.33		
1.4	QPSK	6	0	18.34	18.55	18.47	20.3	0
1.4	16QAM	1	0	18.38	18.31	18.37		
1.4	16QAM	1	3	18.43	18.56	18.50		
1.4	16QAM	1	5	18.52	18.45	18.56	20.3	0
1.4	16QAM	3	0	18.49	18.49	18.50		
1.4	16QAM	3	1	18.59	18.61	18.39		
1.4	16QAM	3	3	18.34	18.58	18.40		
1.4	16QAM	6	0	18.39	18.52	18.62	20.3	0
1.4	64QAM	1	0	18.32	18.35	18.42		
1.4	64QAM	1	3	18.37	18.56	18.50		
1.4	64QAM	1	5	18.40	18.45	18.49	20.3	0
1.4	64QAM	3	0	18.63	18.65	18.43		
1.4	64QAM	3	1	18.42	18.47	18.49		
1.4	64QAM	3	3	18.32	18.45	18.51		
1.4	64QAM	6	0	18.38	18.44	18.33	20.3	0
1.4	256QAM	1	0	16.57	16.53	16.52		
1.4	256QAM	1	3	16.60	16.57	16.42		
1.4	256QAM	1	5	16.58	16.44	16.42	18.3	2
1.4	256QAM	3	0	16.40	16.47	16.47		
1.4	256QAM	3	1	16.38	16.31	16.36		
1.4	256QAM	3	3	16.57	16.54	16.41		
1.4	256QAM	6	0	16.34	16.37	16.37	18.3	2

Band 5 Ant1

BW [MHz]	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	21.79	21.83	21.76		
10	QPSK	1	25	21.74	21.76	21.62	23	0
10	QPSK	1	49	21.69	21.68	21.69		
10	QPSK	25	0	20.67	20.78	20.66		
10	QPSK	25	12	20.72	20.61	20.70	22	1
10	QPSK	25	25	20.62	20.57	20.59		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.83	20.81	20.83		
10	16QAM	1	25	20.76	20.81	20.75	22

Band 12 Ant1

BW [MHz]	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	21.75	21.85	21.80	23	0
10	QPSK	1	25	21.71	21.70	21.64		
10	QPSK	1	49	21.56	21.61	21.66		
10	QPSK	25	0	20.76	20.83	20.78	22	1
10	QPSK	25	12	20.81	20.79	20.68		
10	QPSK	25	25	20.68	20.73	20.64		
10	QPSK	50	0	20.74	20.81	20.78		
10	16QAM	1	0	20.74	20.79	20.69	22	1
10	16QAM	1	25	20.88	20.82	20.69		
10	16QAM	1	49	20.89	20.75	20.73		
10	16QAM	25	0	19.98	19.92	19.89	21	2
10	16QAM	25	12	19.80	20.00	19.97		
10	16QAM	25	25	19.88	20.00	19.83		
10	16QAM	50	0	19.97	19.91	19.95		
10	64QAM	1	0	19.78	19.86	19.76	21	2
10	64QAM	1	25	19.94	19.85	19.89		
10	64QAM	1	49	19.82	19.89	19.78		
10	64QAM	25	0	18.95	18.93	19.02	20	3
10	64QAM	25	12	19.01	18.84	18.89		
10	64QAM	25	25	19.06	18.84	19.04		
10	64QAM	50	0	18.90	18.91	18.86		
10	256QAM	1	0	17.00	16.93	17.01	18	5
10	256QAM	1	25	16.81	16.98	17.03		
10	256QAM	1	49	16.85	16.99	16.83		
10	256QAM	25	0	16.80	16.85	16.73	18	5
10	256QAM	25	12	16.96	16.88	16.73		
10	256QAM	25	25	16.90	16.85	16.96		
10	256QAM	50	0	16.86	16.84	16.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.70	21.77	21.84	23	0
5	QPSK	1	12	21.60	21.75	21.52		
5	QPSK	1	24	21.65	21.69	21.48		
5	QPSK	12	0	20.56	20.77	20.63	22	1
5	QPSK	12	7	20.63	20.72	20.60		
5	QPSK	12	13	20.71	20.76	20.78		
5	QPSK	25	0	20.67	20.72	20.66		
5	16QAM	1	0	20.82	20.79	20.83	22	1
5	16QAM	1	12	20.91	21.01	20.87		
5	16QAM	1	24	20.79	20.80	20.89		
5	16QAM	12	0	19.75	19.79	19.72	21	2
5	16QAM	12	7	19.73	19.78	19.79		
5	16QAM	12	13	19.89	19.61	19.86		
5	16QAM	25	0	19.74	19.82	19.89		
5	64QAM	1	0	19.89	19.77	19.89	21	2
5	64QAM	1	12	19.77	19.68	19.80		
5	64QAM	1	24	19.83	19.69	19.94		
5	64QAM	12	0	18.95	18.83	18.70	20	3
5	64QAM	12	7	18.70	18.84	18.70		
5	64QAM	12	13	18.77	18.68	18.73		
5	64QAM	25	0	18.65	18.77	18.76		
5	256QAM	1	0	16.74	16.76	16.68	18	5
5	256QAM	1	12	16.63	16.79	16.62		
5	256QAM	1	24	16.78	16.77	16.82		
5	256QAM	12	0	16.82	16.72	16.79	18	5
5	256QAM	12	7	16.70	16.70	16.67		
5	256QAM	12	13	16.76	16.68	16.80		
5	256QAM	25	0	16.83	16.77	16.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.77	21.80	21.59	23	0
3	QPSK	1	8	21.59	21.72	21.54		
3	QPSK	1	14	21.71	21.69	21.49		
3	QPSK	8	0	20.59	20.78	20.69	22	1
3	QPSK	8	4	20.66	20.68	20.60		
3	QPSK	8	7	20.70	20.75	20.79		
3	QPSK	15	0	20.65	20.73	20.63		
3	16QAM	1	0	20.75	20.84	20.91	22	1
3	16QAM	1	8	20.89	20.97	20.80		
3	16QAM	1	14	20.77	20.82	20.86		
3	16QAM	8	0	19.75	19.82	19.80	21	2
3	16QAM	8	4	19.69	19.74	19.81		
3	16QAM	8	7	19.85	19.99	19.82		
3	16QAM	15	0	19.79	19.76	19.88		
3	64QAM	1	0	19.88	19.86	19.85	21	2
3	64QAM	1	8	19.71	19.74	19.83		
3	64QAM	1	14	19.84	19.78	19.92		
3	64QAM	8	0	18.93	18.75	18.72	20	3
3	64QAM	8	4	18.66	18.86	18.77		
3	64QAM	8	7	18.68	18.68	18.67		
3	64QAM	15	0	18.59	18.76	18.73		
3	256QAM	1	0	16.72	16.78	16.60	18	5
3	256QAM	1	8	16.62	16.82	16.61		
3	256QAM	1	14	16.78	16.83	16.85		
3	256QAM	8	0	16.80	16.70	16.82	18	5
3	256QAM	8	4	16.64	16.76	16.62		
3	256QAM	8	7	16.76	16.70	16.75		
3	256QAM	15	0	16.89	16.75	16.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 13 Ant1

BW [MHz]	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		22.37		24	0
10	QPSK	1	25		22.19			
10	QPSK	1	49		22.26			
10	QPSK	25	0		21.32		23	1
10	QPSK	25	12		21.19			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.30			
10	16QAM	1	0		21.36		23	1
10	16QAM	1	25		21.34			
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.25		22	2
10	16QAM	25	12		20.14			
10	16QAM	25	25		20.21			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.24		22	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.19			
10	64QAM	25	0		19.34		21	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.31			
10	64QAM	50	0		19.33			
10	256QAM	1	0		17.31		19	5
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.31			
10	256QAM	25	0		17.36		19	5
10	256QAM	25	12		17.38			
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.31	22.33	24	0
5	QPSK	1	12	22.12	22.09	22.12		
5	QPSK	1	24	22.13	22.21	22.21		
5	QPSK	12	0	21.27	21.28	21.25	23	1
5	QPSK	12	7	21.09	21.14	21.16		
5	QPSK	12	13	21.10	21.03	21.07		
5	QPSK	25	0	21.22	21.27	21.26		
5	16QAM	1	0	21.26	21.25	21.30	23	1
5	16QAM	1	12	21.29	21.24	21.28		
5	16QAM	1	24	21.33	21.31	21.31		
5	16QAM	12	0	20.14	20.19	20.17	22	2
5	16QAM	12	7	20.03	20.03	20.10		
5	16QAM	12	13	20.09	20.15	20.09		
5	16QAM	25	0	20.21	20.21	20.21		
5	64QAM	1	0	20.13	20.11	20.12	22	2
5	64QAM	1	12	20.02	20.08	20.05		
5	64QAM	1	24	20.12	20.13	20.12		
5	64QAM	12	0	19.27	19.28	19.24	21	3
5	64QAM	12	7	19.15	19.14	19.20		
5	64QAM	12	13	19.24	19.20	19.21		
5	64QAM	25	0	19.30	19.26	19.30		
5	256QAM	1	0	17.26	17.20	17.20	19	5
5	256QAM	1	12	17.28	17.36	17.32		
5	256QAM	1	24	17.19	17.21	17.20		
5	256QAM	12	0	17.26	17.28	17.25	19	5
5	256QAM	12	7	17.32	17.29	17.33		
5	256QAM	12	13	17.23	17.25	17.27		
5	256QAM	25	0	17.23	17.20	17.21		

Band 17 Ant1

BW [MHz]	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	21.75	21.81	21.77	23	0
10	QPSK	1	25	21.58	21.78	21.73		
10	QPSK	1	49	21.69	21.78	21.64		
10	QPSK	25	0	20.69	20.78	20.74	22	1
10	QPSK	25	12	20.76	20.75	20.77		
10	QPSK	25	25	20.73	20.74	20.65		
10	QPSK	50	0	20.70	20.75	20.57		
10	16QAM	1	0	20.61	20.68	20.75	22	1
10	16QAM	1	25	20.63	20.64	20.71		
10	16QAM	1	49	20.70	20.64	20.55		
10	16QAM	25	0	19.97	19.87	19.92	21	2
10	16QAM	25	12	19.86	19.76	19.92		
10	16QAM	25	25	19.99	19.82	19.95		
10	16QAM	50	0	19.94	19.85	19.72		
10	64QAM	1	0	19.85	19.78	19.87	21	2
10	64QAM	1	25	19.83	19.71	19.89		
10	64QAM	1	49	19.80	19.76	19.75		
10	64QAM	25	0	18.84	18.83	18.86	20	3
10	64QAM	25	12	18.88	18.83	18.94		
10	64QAM	25	25	18.72	18.80	18.71		
10	64QAM	50	0	18.79	18.81	18.80		
10	256QAM	1	0	16.93	16.83	16.85	18	5
10	256QAM	1	25	16.92	16.72	16.72		
10	256QAM	1	49	16.94	16.82	16.96		
10	256QAM	25	0	16.68	16.78	16.72	18	5
10	256QAM	25	12	16.72	16.88	16.89		
10	256QAM	25	25	16.84	16.75	16.74		
10	256QAM	50	0	16.66	16.69	16.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.72	21.74	21.82	23	0
5	QPSK	1	12	21.66	21.66	21.52		
5	QPSK	1	24	21.71	21.74	21.47		
5	QPSK	12	0	20.57	20.82	20.67	22	1
5	QPSK	12	7	20.66	20.72	20.62		
5	QPSK	12	13	20.67	20.77	20.75		
5	QPSK	25	0	20.59	20.81	20.66		
5	16QAM	1	0	20.83	20.85	20.86	22	1
5	16QAM	1	12	20.93	20.98	20.82		
5	16QAM	1	24	20.72	20.82	20.87		
5	16QAM	12	0	19.70	19.80	19.73	21	2
5	16QAM	12	7	19.67	19.74	19.81		
5	16QAM	12	13	19.90	19.63	19.70		
5	16QAM	25	0	19.75	19.75	19.82		
5	64QAM	1	0	19.91	19.84	19.86	21	2
5	64QAM	1	12	19.80	19.72	19.80		
5	64QAM	1	24	19.91	19.70	19.98		
5	64QAM	12	0	18.92	18.74	18.68	20	3
5	64QAM	12	7	18.84	18.91	18.76		
5	64QAM	12	13	18.71	18.68	18.72		
5	64QAM	25	0	18.60	18.80	18.79		
5	256QAM	1	0	16.73	16.76	16.59	18	5
5	256QAM	1	12	16.61	16.82	16.64		
5	256QAM	1	24	16.75	16.75	16.83		
5	256QAM	12	0	16.80	16.77	16.79	18	5
5	256QAM	12	7	16.70	16.71	16.60		
5	256QAM	12	13	16.71	16.68	16.71		
5	256QAM	25	0	16.87	16.80	16.67		

Band 25 Ant1

BW [MHz]	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	16.04	16.08	16.06	17.3	0
20	QPSK	1	49	15.94	15.92	15.91		
20	QPSK	1	99	15.96	15.93	15.97		
20	QPSK	50	0	16.04	16.05	15.91		
20	QPSK	50	24	16.01	15.93	15.84		
20	QPSK	50	50	15.91	15.94	15.84		
20	QPSK	100	0	15.88	16.01	15.81		
20	16QAM	1	0	15.98	15.98	15.86		
20	16QAM	1	49	16.00	15.91	15.99		
20	16QAM	1	99	16.04	15.99	15.88		
20	16QAM	50	0	15.99	15.97	15.97		
20	16QAM	50	24	15.89	15.91	15.95		
20	16QAM	50	50	16.02	15.88	15.95		
20	16QAM	100	0	16.02	15.97	15.94		
20	64QAM	1	0	15.96	16.01	15.94		
20	64QAM	1	49	15.80	15.87	15.81		
20	64QAM	1	99	15.89	15.83	15.86		
20	64QAM	50	0	15.93	15.83	16.00		
20	64QAM	50	24	15.95	15.85	15.91		
20	64QAM	50	50	15.96	15.94	15.89		
20	64QAM	100	0	15.84	16.03	15.83		
20	256QAM	1	0	15.99	15.97	15.83		
20	256QAM	1	49	15.90	16.01	15.99		
20	256QAM	1	99	15.97	15.85	15.84		
20	256QAM	50	0	16.01	15.83	15.96		
20	256QAM	50	24	15.81	15.92	16.00		
20	256QAM	50	50	15.90	15.86	15.91		
20	256QAM	100	0	15.98	16.00	15.94		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.88	15.88	15.88	17.3	0
15	QPSK	1	37	15.87	15.82	15.81		
15	QPSK	1	74	15.87	15.80	15.83		
15	QPSK	36	0	16.01	15.97	15.84		
15	QPSK	36	20	15.98	15.75	15.79		
15	QPSK	36	39	15.88	15.83	15.78		
15	QPSK	75	0	15.67	15.97	15.70		
15	16QAM	1	0	15.82	15.85	15.67		
15	16QAM	1	37	15.88	15.88	15.93		
15	16QAM	1	74	15.94	15.92	15.79		
15	16QAM	36	0	15.94	15.81	15.93		
15	16QAM	36	20	15.84	15.86	15.89		
15	16QAM	36	39	16.00	15.68	15.74		
15	16QAM	75	0	15.96	15.83	15.89		
15	64QAM	1	0	15.83	15.89	15.87		
15	64QAM	1	37	15.63	15.80	15.65		
15	64QAM	1	74	15.73	15.64	15.79		
15	64QAM	36	0	15.72	15.71	15.95		
15	64QAM	36	20	15.74	15.79	15.69		
15	64QAM	36	39	15.78	15.74	15.85		
15	64QAM	75	0	15.64	15.99	15.65		
15	256QAM	1	0	15.81	15.92	15.82		
15	256QAM	1	37	15.80	15.82	15.86		
15	256QAM	1	74	15.94	15.66	15.66		
15	256QAM	36	0	15.93	15.78	15.84		
15	256QAM	36	20	15.61	15.90	15.84		
15	256QAM	36	39	15.75	15.79	15.69		
15	256QAM	75	0	15.85	15.86	15.89		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.82	15.92	15.93	17.3	0
10	QPSK	1	25	15.90	15.75	15.72		
10	QPSK	1	49	15.91	15.73	15.81		
10	QPSK	25	0	15.98	16.02	15.74		
10	QPSK	25	12	15.87	15.84	15.64		
10	QPSK	25	25	15.79	15.76	15.74		
10	QPSK	50	0	15.76	15.82	15.69		
10	16QAM	1	0	15.76	15.93	15.77		
10	16QAM	1	25	15.98	15.86	15.77		
10	16QAM	1	49	15.84	15.86	15.79		
10	16QAM	25	0	15.78	15.80	15.95		
10	16QAM	25	12	15.77	15.75	15.89		
10	16QAM	25	25	15.92	15.68	15.74		
10	16QAM	50	0	15.87	15.86	15.87		
10	64QAM	1	0	15.92	15.94	15.88		
10	64QAM	1	25	15.66	15.66	15.73		
10	64QAM	1	49	15.76	15.63	15.69		
10	64QAM	25	0	15.77	15.69	15.90		
10	64QAM	25	12	15.90	15.75	15.81		
10	64QAM	25	25	15.93	15.77	15.87		
10	64QAM	50	0	15.83	15.89	15.67		
10	256QAM	1	0	15.79	15.84	15.65		
10	256QAM	1	25	15.70	15.88	15.88		
10	256QAM	1	49	15.87	15.67	15.82		
10	256QAM	25	0	15.87	15.63	15.86		
10	256QAM	25	12	15.63	15.78	15.79		
10	256QAM	25	25	15.86	15.66	15.78		
10	256QAM	50	0	15.84	15.83	15.88		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.92	15.97	15.95	17.3	0
5	QPSK	1	12	15.87	15.90	15.81		
5	QPSK	1	24	15.84	15.71	15.78		
5	QPSK	12	0	15.96	16.03	15.72		
5	QPSK	12	7	15.90	15.79	15.75		
5	QPSK	12	13	15.78	15.81	15.70		
5	QPSK	25	0	15.78	15.97	15.69		
5	16QAM	1	0	15.85	15.81	15.82		
5	16QAM	1	12	15.90	15.88	15.77		
5	16QAM	1	24	15.99	15.77	15.67		
5	16QAM	12	0	15.93	15.77	15.93		
5	16QAM	12	7	15.79	15.76	15.82		
5	16QAM	12	13	15.81	15.83	15.75		
5	16QAM	25	0	15.83	15.90	15.88		
5	64QAM	1	0	15.87	15.84	15.80		
5	64QAM	1	12	15.61	15.70	15.77		
5	64QAM	1	24	15.67	15.78	15.65		
5	64QAM	12	0	15.89	15.66	15.88		
5	64QAM	12	7	15.80	15.75	15.74		
5	64QAM	12	13	15.90	15.82	15.74		
5	64QAM	25	0	15.80	15.97	15.75		
5	256QAM	1	0	15.81	15.93	15.69		
5	256QAM	1	12	15.78	15.81	15.82		
5	256QAM	1	24	15.82	15.78	15.68		
5	256QAM	12	0	15.80	15.80	15.88		
5	256QAM	12	7	15.63	15.86	15.90		
5	256QAM	12	13	15.69	15.80	15.72		
5	256QAM	25	0	15.91	15.89	15.91		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.97	15.92	15.88	17.3	0
3	QPSK	1	8	15.78	15.80	15.71		
3	QPSK	1	14	15.92	15.78	15.75		
3	QPSK	8	0	15.89	16.00	15.71		
3	QPSK	8	4	15.81	15.76	15.63		
3	QPSK	8	7	15.87	15.81	15.74		
3	QPSK	15	0	15.72	15.88	15.73		
3	16QAM	1	0	15.91	15.82	15.77		
3	16QAM	1	8	15.87	15.77	15.88		
3	16QAM	1	14	15.94	15.90	15.77		
3	16QAM	8	0	15.83	15.79	15.88		
3	16QAM	8	4	15.69	15.87	15.88		
3	16QAM	8	7	15.81	15.70	15.81		
3	16QAM	15	0	15.94	15.79	15.77		
3	64QAM	1	0	15.90	15.83	15.75		
3	64QAM	1	8	15.61	15.84	15.68		
3	64QAM	1	14	15.69	15.69	15.76		
3	64QAM	8	0	15.88	15.63	15.93		
3	64QAM	8	4	15.78	15.79	15.81		
3	64QAM	8	7	15.78	15.77	15.86		
3	64QAM	15	0	15.69	15.88	15.64		
3	256QAM	1	0	15.86	15.89	15.71		
3	256QAM	1	8	15.81	15.95	15.80		
3	256QAM	1	14	15.85	15.64	15.81		
3	256QAM	8	0	15.83	15.64	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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.94	21.99	21.96	23	0
15	QPSK	1	37	21.93	21.84	21.98		
15	QPSK	1	74	21.73	21.83	21.81		
15	QPSK	36	0	20.88	20.95	20.73	22	1
15	QPSK	36	20	20.77	20.77	20.79		
15	QPSK	36	39	20.78	20.84	20.85		
15	QPSK	75	0	20.65	20.91	20.74		
15	16QAM	1	0	20.89	20.93	20.93	22	1
15	16QAM	1	37	21.03	20.82	20.95		
15	16QAM	1	74	21.01	20.86	20.95		
15	16QAM	36	0	19.97	19.94	20.06	21	2
15	16QAM	36	20	19.89	19.94	20.02		
15	16QAM	36	39	19.84	19.92	20.07		
15	16QAM	75	0	19.99	19.93	20.00		
15	64QAM	1	0	19.96	19.89	19.82	21	2
15	64QAM	1	37	19.78	19.94	20.00		
15	64QAM	1	74	19.88	20.01	19.92		
15	64QAM	36	0	18.84	18.96	18.99	20	3
15	64QAM	36	20	18.96	18.94	19.06		
15	64QAM	36	39	19.05	18.92	18.86		
15	64QAM	75	0	18.80	18.91	19.01		
15	256QAM	1	0	17.13	17.06	17.16	18	5
15	256QAM	1	37	17.05	16.97	17.16		
15	256QAM	1	74	16.97	17.08	17.10		
15	256QAM	36	0	17.11	17.01	17.05	18	5
15	256QAM	36	20	16.92	17.09	16.92		
15	256QAM	36	39	16.88	16.93	16.91		
15	256QAM	75	0	16.91	16.98	16.90		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.53	21.55	21.55	23	0
10	QPSK	1	25	21.59	21.37	21.40		
10	QPSK	1	49	21.56	21.46	21.37		
10	QPSK	25	0	20.53	20.70	20.69	22	1
10	QPSK	25	12	20.57	20.64	20.46		
10	QPSK	25	25	20.50	20.59	20.63		
10	QPSK	50	0	20.54	20.62	20.44		
10	16QAM	1	0	20.63	20.59	20.57	22	1
10	16QAM	1	25	20.70	20.47	20.73		
10	16QAM	1	49	20.61	20.57	20.61		
10	16QAM	25	0	19.65	19.58	19.59	21	2
10	16QAM	25	12	19.66	19.51	19.55		
10	16QAM	25	25	19.66	19.62	19.67		
10	16QAM	50	0	19.40	19.53	19.60		
10	64QAM	1	0	19.68	19.53	19.44	21	2
10	64QAM	1	25	19.66	19.49	19.47		
10	64QAM	1	49	19.64	19.50	19.63		
10	64QAM	25	0	18.57	18.54	18.65	20	3
10	64QAM	25	12	18.67	18.52	18.65		
10	64QAM	25	25	18.58	18.63	18.53		
10	64QAM	50	0	18.45	18.62	18.59		
10	256QAM	1	0	16.61	16.60	16.66	18	5
10	256QAM	1	25	16.67	16.58	16.49		
10	256QAM	1	49	16.53	16.47	16.56		
10	256QAM	25	0	16.52	16.52	16.46	18	5
10	256QAM	25	12	16.42	16.35	16.33		
10	256QAM	25	25	16.55	16.39	16.55		
10	256QAM	50	0	16.45	16.60	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.53	21.55	21.50	23	0
5	QPSK	1	12	21.56	21.39	21.42		
5	QPSK	1	24	21.50	21.47	21.30		
5	QPSK	12	0	20.54	20.69	20.61	22	1
5	QPSK	12	7	20.57	20.61	20.49		
5	QPSK	12	13	20.44	20.60	20.60		
5	QPSK	25	0	20.52	20.60	20.46		
5	16QAM	1	0	20.66	20.58	20.58	22	1
5	16QAM	1	12	20.67	20.52	20.70		
5	16QAM	1	24	20.66	20.58	20.70		
5	16QAM	12	0	19.64	19.56	19.56	21	2
5	16QAM	12	7	19.65	19.56	19.56		
5	16QAM	12	13	19.65	19.58	19.64		
5	16QAM	25	0	19.46	19.50	19.56		
5	64QAM	1	0	19.65	19.58	19.50	21	2
5	64QAM	1	12	19.64	19.49	19.45		
5	64QAM	1	24	19.73	19.50	19.64		
5	64QAM	12	0	18.63	18.60	18.62	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.62	18.67	18.52		
5	64QAM	25	0	18.51	18.64	18.53		
5	256QAM	1	0	16.57	16.59	16.67	18	5
5	256QAM	1	12	16.73	16.62	16.53		
5	256QAM	1	24	16.53	16.50	16.56		
5	256QAM	12	0	16.55	16.51	16.46	18	5
5	256QAM	12	7	16.46	16.39	16.36		
5	256QAM	12	13	16.55	16.34	16.58		
5	256QAM	25	0	16.49	16.51	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.49	21.61	21.54	23	0
3	QPSK	1	8	21.57	21.35	21.46		
3	QPSK	1	14	21.55	21.46	21.37		
3	QPSK	8	0	20.50	20.66	20.68	22	1
3	QPSK	8	4	20.57	20.61	20.51		
3	QPSK	8	7	20.45	20.49	20.67		
3	QPSK	15	0	20.48	20.59	20.46		
3	16QAM	1	0	20.67	20.53	20.61	22	1
3	16QAM	1	8	20.64	20.52	20.67		
3	16QAM	1	14	20.61	20.52	20.68		
3	16QAM	8	0	19.62	19.57	19.55	21	2
3	16QAM	8	4	19.64	19.54	19.59		
3	16QAM	8	7	19.67	19.59	19.68		
3	16QAM	15	0	19.41	19.57	19.55		
3	64QAM	1	0	19.68	19.55	19.47	21	2
3	64QAM	1	8	19.66	19.51	19.47		
3	64QAM	1	14	19.72	19.49	19.59		
3	64QAM	8	0	18.60	18.54	18.62	20	3
3	64QAM	8	4	18.67	18.55	18.60		
3	64QAM	8	7	18.58	18.59	18.51		
3	64QAM	15	0	18.47	18.59	18.59		
3	256QAM	1	0	16.62	16.53	16.67	18	5
3	256QAM	1	8	16.71	16.60	16.48		
3	256QAM	1	14	16.51	16.46	16.49		
3	256QAM	8	0	16.56	16.50	16.40	18	5
3	256QAM	8	4	16.39	16.33	16.39		
3	256QAM	8	7	16.56	16.40	16.56		
3	256QAM	15	0	16.47	16.59	16.48		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.69	18.72	18.70	20.3	0
20	QPSK	1	49	18.54	18.57	18.63		
20	QPSK	1	99	18.54	18.45	18.57		
20	QPSK	50	0	18.67	18.69	18.52	20.3	0
20	QPSK	50	24	18.59	18.50	18.50		
20	QPSK	50	50	18.55	18.67	18.50		
20	QPSK	100	0	18.65	18.66	18.48		
20	16QAM	1	0	18.52	18.62	18.49	20.3	0
20	16QAM	1	49	18.50	18.54	18.61		
20	16QAM	1	99	18.45	18.51	18.59		
20	16QAM	50	0	18.51	18.53	18.64	20.3	0
20	16QAM	50	24	18.61	18.62	18.44		
20	16QAM	50	50	18.44	18.52	18.46		
20	16QAM	100	0	18.45	18.59	18.59		
20	64QAM	1	0	18.57	18.63	18.50	20.3	0
20	64QAM	1	49	18.52	18.67	18.54		
20	64QAM	1	99	18.61	18.52	18.59		
20	64QAM	50	0	18.70	18.65	18.70	20.3	0
20	64QAM	50	24	18.68	18.62	18.68		
20	64QAM	50	50	18.70	18.70	18.62		
20	64QAM	100	0	18.56	18.68	18.65		
20	256QAM	1	0	16.67	16.66	16.77	18.3	2
20	256QAM	1	49	16.78	16.65	16.58		
20	256QAM	1	99	16.61	16.56	16.61		
20	256QAM	50	0	16.61	16.57	16.49	18.3	2
20	256QAM	50	24	16.46	16.44	16.46		
20	256QAM	50	50	16.62	16.47	16.63		
20	256QAM	100	0	16.56	16.63	16.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.66	18.59	18.62	20.3	0
15	QPSK	1	37	18.52	18.55	18.46		
15	QPSK	1	74	18.45	18.37	18.46		
15	QPSK	36	0	18.55	18.60	18.38	20.3	0
15	QPSK	36	20	18.46	18.46	18.33		
15	QPSK	36	39	18.43	18.61	18.40		
15	QPSK	75	0	18.48	18.60	18.32		
15	16QAM	1	0	18.42	18.54	18.37	20.3	0
15	16QAM	1	37	18.44	18.42	18.47		
15	16QAM	1	74	18.41	18.45	18.53		
15	16QAM	36	0	18.39	18.40	18.53	20.3	0
15	16QAM	36	20	18.46	18.44	18.34		
15	16QAM	36	39	18.31	18.45	18.37		
15	16QAM	75	0	18.41	18.57	18.43		
15	64QAM	1	0	18.47	18.61	18.48	20.3	0
15	64QAM	1	37	18.45	18.61	18.49		
15	64QAM	1	74	18.59	18.38	18.55		
15	64QAM	36	0	18.59	18.54	18.67	20.3	0
15	64QAM	36	20	18.66	18.51	18.61		
15	64QAM	36	39	18.64	18.62	18.52		
15	64QAM	75	0	18.50	18.57	18.54		
15	256QAM	1	0	16.63	16.55	16.74	18.3	2
15	256QAM	1	37	16.71	16.62	16.53		
15	256QAM	1	74	16.51	16.51	16.55		
15	256QAM	36	0	16.55	16.50	16.43	18.3	2
15	256QAM	36	20	16.38	16.36	16.38		
15	256QAM	36	39	16.52	16.35	16.58		
15	256QAM	75	0	16.47	16.57	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.53	18.68	18.62	20.3	0
10	QPSK	1	25	18.36	18.47	18.50		
10	QPSK	1	49	18.38	18.58	18.51		
10	QPSK	25	0	18.49	18.56	18.35	20.3	0
10	QPSK	25	12	18.56	18.37	18.35		
10	QPSK	25	25	18.41	18.56	18.40		
10	QPSK	50	0	18.63	18.58	18.37		
10	16QAM	1	0	18.39	18.57	18.43	20.3	0
10	16QAM	1	25	18.32	18.49	18.56		
10	16QAM	1	49	18.31	18.47	18.56		
10	16QAM	25	0	18.39	18.47	18.49	20.3	0
10	16QAM	25	12	18.58	18.56	18.57		
10	16QAM	25	25	18.33	18.49	18.30		
10	16QAM	50	0	18.42	18.47	18.42		
10	64QAM	1	0	18.55	18.55	18.47	20.3	0
10	64QAM	1	25	18.44	18.49	18.46		
10	64QAM	1	49	18.50	18.48	18.45		
10	64QAM	25	0	18.58	18.61	18.60	20.3	0
10	64QAM	25	12	18.62	18.49	18.57		
10	64QAM	25	25	18.60	18.60	18.54		
10	64QAM	50	0	18.45	18.56	18.55		
10	256QAM	1	0	16.60	16.57	16.69	18.3	2
10	256QAM	1	25	16.74	16.57	16.51		
10	256QAM	1	49	16.55	16.47	16.54		
10	256QAM	25	0	16.56	16.49	16.40	18.3	2
10	256QAM	25	12	16.34	16.32	16.39		
10	256QAM	25	25	16.56	16.34	16.58		
10	256QAM	50	0	16.44	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.59	18.59	18.61	20.3	0
5	QPSK	1	12	18.49	18.52	18.53		
5	QPSK	1	24	18.45	18.39	18.45		
5	QPSK	12	0	18.51	18.53	18.47	20.3	0
5	QPSK	12	7	18.44	18.43	18.37		
5	QPSK	12	13	18.45	18.58	18.44		
5	QPSK	25	0	18.58	18.50	18.35		
5	16QAM	1	0	18.46	18.58	18.46	20.3	0
5	16QAM	1	12	18.46	18.43	18.51		
5	16QAM	1	24	18.35	18.49	18.42		
5	16QAM	12	0	18.39	18.39	18.55	20.3	0
5	16QAM	12	7	18.56	18.48	18.52		
5	16QAM	12	13	18.35	18.44	18.31		
5	16QAM	25	0	18.31	18.44	18.53		
5	64QAM	1	0	18.44	18.54	18.41	20.3	0
5	64QAM	1	12	18.46	18.58	18.48		
5	64QAM	1	24	18.46	18.49	18.55		
5	64QAM	12	0	18.64	18.60	18.66	20.3	0
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.59	18.60	18.55		
5	64QAM	25	0	18.46	18.65	18.57		
5	256QAM	1	0	16.59	16.58	16.69	18.3	2
5	256QAM	1	12	16.70	16.56	16.49		
5	256QAM	1	24	16.53	16.44	16.50		
5	256QAM	12	0	16.55	16.49	16.43	18.3	2
5	256QAM	12	7	16.39	16.38	16.36		
5	256QAM	12	13	16.58	16.39	16.56		
5	256QAM	25	0	16.44	16.51	16.51		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.60	18.65	18.64	20.3	0
3	QPSK	1	8	18.49	18.48	18.59		
3	QPSK	1	14	18.42	18.37	18.41		
3	QPSK	8	0	18.60	18.63	18.45	20.3	0
3	QPSK	8	4	18.46	18.39	18.45		
3	QPSK	8	7	18.43	18.55	18.40		
3	QPSK	15	0	18.54	18.55	18.45		
3	16QAM	1	0	18.35	18.54	18.31	20.3	0
3	16QAM	1	8	18.47	18.50	18.58		
3	16QAM	1	14	18.33	18.45	18.41		
3	16QAM	8	0	18.44	18.35	18.54	20.3	0
3	16QAM	8	4	18.58	18.58	18.47		
3	16QAM	8	7	18.38	18.40	18.30		
3	16QAM	15	0	18.34	18.43	18.50		
3	64QAM	1	0	18.51	18.51	18.36	20.3	0
3	64QAM	1	8	18.40	18.64	18.49		
3	64QAM	1	14	18.45	18.39	18.42		
3	64QAM	8	0	18.63	18.56	18.67	20.3	0
3	64QAM	8	4	18.65	18.58	18.57		
3	64QAM	8	7	18.58	18.61	18.58		
3	64QAM	15	0	18.45	18.62	18.62		
3	256QAM	1	0	16.56	16.58	16.70	18.3	2
3	256QAM	1	8	16.73	16.56	16.49		
3	256QAM	1	14	16.56	16.44	16.54		
3	256QAM	8	0	16.53	16.52	16.45	18.3	2
3	256QAM	8	4	16.41	16.36	16.42		
3	256QAM	8	7	16.58	16.38	16.56		
3	256QAM	15	0	16.43	16.55	16.46		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.64	18.69	18.66	20.3	0
1.4	QPSK	1	3	18.50	18.41	18.49		
1.4	QPSK	1	5	18.50	18.30	18.43		
1.4	QPSK	3	0	18.58	18.66	18.41		
1.4	QPSK	3	1	18.49	18.48	18.37		
1.4	QPSK	3	3	18.53	18.64	18.42		
1.4	QPSK	6	0	18.57	18.64	18.33	20.3	0
1.4	16QAM	1	0	18.47	18.49	18.40	20.3	0
1.4	16QAM	1	3	18.44	18.47	18.44		
1.4	16QAM	1	5	18.38	18.39	18.54		
1.4	16QAM	3	0	18.33	18.38	18.52		
1.4	16QAM	3	1	18.58	18.52	18.30		
1.4	16QAM	3	3	18.40	18.45	18.38		
1.4	16QAM	6	0	18.41	18.56	18.51	20.3	0
1.4	64QAM	1	0	18.53	18.50	18.42	20.3	0
1.4	64QAM	1	3	18.45	18.63	18.39		
1.4	64QAM	1	5	18.49	18.38	18.52		
1.4	64QAM	3	0	18.52	18.68	18.64		
1.4	64QAM	3	1	18.41	18.53	18.57		
1.4	64QAM	3	3	18.39	18.36	18.40		
1.4	64QAM	6	0	18.34	18.36	18.41	20.3	0
1.4	256QAM	1	0	16.52	16.49	16.41	18.3	2
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.49	16.31	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.42	16.46	16.31	18.3	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.03	22.11	21.97	23	0
20	QPSK	1	49	22.02	22.06	21.82		
20	QPSK	1	99	21.97	21.87	21.89		
20	QPSK	50	0	21.03	21.06	20.88	22	1
20	QPSK	50	24	20.96	20.92	20.93		
20	QPSK	50	50	20.95	20.86	20.90		
20	QPSK	100	0	20.92	21.01	20.94		
20	16QAM	1	0	21.09	20.98	21.03	22	1
20	16QAM	1	49	21.10	21.01	20.93		
20	16QAM	1	99	20.87	21.00	20.86		
20	16QAM	50	0	20.25	20.18	20.24	21	2
20	16QAM	50	24	20.09	20.16	20.11		
20	16QAM	50	50	20.08	20.09	20.19		
20	16QAM	100	0	20.20	20.10	20.05		
20	64QAM	1	0	20.08	20.09	20.11	21	2
20	64QAM	1	49	20.08	20.05	20.05		
20	64QAM	1	99	20.19	20.20	20.14		
20	64QAM	50	0	19.04	19.14	19.24	20	3
20	64QAM	50	24	19.17	19.18	19.05		
20	64QAM	50	50	19.27	19.24	19.08		
20	64QAM	100	0	19.28	19.18	19.06		
20	256QAM	1	0	17.20	17.13	17.01	18	5
20	256QAM	1	49	17.06	17.03	17.06		
20	256QAM	1	99	17.10	17.01	17.06		
20	256QAM	50	0	17.15	17.08	17.10	18	5
20	256QAM	50	24	17.01	17.06	17.05		
20	256QAM	50	50	17.20	17.00	17.21		
20	256QAM	100	0	16.94	17.01	17.13		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.95	21.99	21.94	23	0
15	QPSK	1	37	21.94	21.96	21.70		
15	QPSK	1	74	21.91	21.82	21.81		
15	QPSK	36	0	20.96	20.97	20.81	22	1
15	QPSK	36	20	20.87	20.81	20.89		
15	QPSK	36	39	20.86	20.81	20.79		
15	QPSK	75	0	20.88	20.95	20.91		
15	16QAM	1	0	21.02	20.89	20.95	22	1
15	16QAM	1	37	20.99	20.90	20.90		
15	16QAM	1	74	20.77	20.91	20.83		
15	16QAM	36	0	20.13	20.14	20.12	21	2
15	16QAM	36

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BW [MHz]	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	19.79	19.82	19.76	20.8	0
20	QPSK	1	49	19.60	19.60	19.73		
20	QPSK	1	99	19.77	19.60	19.60		
20	QPSK	50	0	19.76	19.80	19.78	20.8	0
20	QPSK	50	24	19.66	19.79	19.71		
20	QPSK	50	50	19.78	19.73	19.64		
20	QPSK	100	0	19.62	19.73	19.59		
20	16QAM	1	0	19.70	19.70	19.59	20.8	0
20	16QAM	1	49	19.79	19.76	19.79		
20	16QAM	1	99	19.74	19.77	19.79		
20	16QAM	50	0	19.69	19.80	19.60	20.8	0
20	16QAM	50	24	19.66	19.75	19.70		
20	16QAM	50	50	19.74	19.69	19.64		
20	16QAM	100	0	19.81	19.57	19.61		
20	64QAM	1	0	19.65	19.72	19.67	20.8	0
20	64QAM	1	49	19.73	19.62	19.69		
20	64QAM	1	99	19.76	19.76	19.70		
20	64QAM	50	0	18.35	18.40	18.46	19.8	1
20	64QAM	50	24	18.53	18.45	18.42		
20	64QAM	50	50	18.27	18.30	18.32		
20	64QAM	100	0	18.43	18.52	18.51		
20	256QAM	1	0	16.55	16.62	16.65	17.8	3
20	256QAM	1	49	16.60	16.62	16.57		
20	256QAM	1	99	16.64	16.73	16.74		
20	256QAM	50	0	16.64	16.59	16.56	17.8	3
20	256QAM	50	24	16.68	16.56	16.64		
20	256QAM	50	50	16.56	16.60	16.60		
20	256QAM	100	0	16.71	16.68	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.72	19.69	19.66	20.8	0
15	QPSK	1	37	19.40	19.54	19.66		
15	QPSK	1	74	19.68	19.41	19.56		
15	QPSK	36	0	19.67	19.69	19.63	20.8	0
15	QPSK	36	20	19.57	19.76	19.55		
15	QPSK	36	39	19.72	19.69	19.43		
15	QPSK	75	0	19.58	19.69	19.40		
15	16QAM	1	0	19.63	19.54	19.46	20.8	0
15	16QAM	1	37	19.65	19.71	19.59		
15	16QAM	1	74	19.57	19.57	19.68		
15	16QAM	36	0	19.66	19.64	19.41	20.8	0
15	16QAM	36	20	19.61	19.68	19.53		
15	16QAM	36	39	19.65	19.47	19.42		
15	16QAM	75	0	19.75	19.40	19.40		
15	64QAM	1	0	19.96	19.58	19.52	20.8	0
15	64QAM	1	37	19.52	19.41	19.53		
15	64QAM	1	74	19.70	19.55	19.56		
15	64QAM	36	0	18.29	18.36	18.42	19.8	1
15	64QAM	36	20	18.45	18.34	18.39		
15	64QAM	36	39	18.18	18.26	18.20		
15	64QAM	75	0	18.38	18.41	18.46		
15	256QAM	1	0	16.48	16.49	16.61	17.8	3
15	256QAM	1	37	16.47	16.58	16.44		
15	256QAM	1	74	16.53	16.66	16.70		
15	256QAM	36	0	16.56	16.55	16.52	17.8	3
15	256QAM	36	20	16.56	16.52	16.57		
15	256QAM	36	39	16.46	16.49	16.52		
15	256QAM	75	0	16.65	16.62	16.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.58	19.80	19.71	20.8	0
10	QPSK	1	25	19.49	19.56	19.58		
10	QPSK	1	49	19.64	19.43	19.48		
10	QPSK	25	0	19.59	19.71	19.75	20.8	0
10	QPSK	25	12	19.63	19.58	19.64		
10	QPSK	25	25	19.61	19.66	19.62		
10	QPSK	50	0	19.42	19.61	19.50		
10	16QAM	1	0	19.52	19.52	19.46	20.8	0
10	16QAM	1	25	19.64	19.65	19.76		
10	16QAM	1	49	19.66	19.72	19.62		
10	16QAM	25	0	19.48	19.77	19.44	20.8	0
10	16QAM	25	12	19.57	19.55	19.59		
10	16QAM	25	25	19.65	19.55	19.58		
10	16QAM	50	0	19.71	19.49	19.41		
10	64QAM	1	0	19.45	19.49	19.46	20.8	0
10	64QAM	1	25	19.52	19.41	19.60		
10	64QAM	1	49	19.74	19.70	19.59		
10	64QAM	25	0	18.28	18.33	18.41	19.8	1
10	64QAM	25	12	18.41	18.34	18.30		
10	64QAM	25	25	18.18	18.25	18.21		
10	64QAM	50	0	18.39	18.41	18.42		
10	256QAM	1	0	16.51	16.58	16.54	17.8	3
10	256QAM	1	25	16.57	16.58	16.53		
10	256QAM	1	49	16.59	16.70	16.69		
10	256QAM	25	0	16.56	16.55	16.49	17.8	3
10	256QAM	25	12	16.62	16.44	16.55		
10	256QAM	25	25	16.43	16.50	16.50		
10	256QAM	50	0	16.66	16.62	16.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.59	19.62	19.67	20.8	0
5	QPSK	1	12	19.53	19.53	19.56		
5	QPSK	1	24	19.67	19.56	19.40		
5	QPSK	12	0	19.58	19.64	19.67	20.8	0
5	QPSK	12	7	19.53	19.68	19.63		
5	QPSK	12	13	19.64	19.63	19.44		
5	QPSK	25	0	19.50	19.63	19.41		
5	16QAM	1	0	19.52	19.67	19.55	20.8	0
5	16QAM	1	12	19.57	19.67	19.68		
5	16QAM	1	24	19.72	19.56	19.58		
5	16QAM	12	0	19.48	19.60	19.43	20.8	0
5	16QAM	12	7	19.62	19.63	19.51		
5	16QAM	12	13	19.56	19.56	19.56		
5	16QAM	25	0	19.71	19.45	19.58		
5	64QAM	1	0	19.47	19.70	19.58	20.8	0
5	64QAM	1	12	19.53	19.40	19.63		
5	64QAM	1	24	19.61	19.59	19.53		
5	64QAM	12	0	18.31	18.37	18.39	19.8	1
5	64QAM	12	7	18.44	18.37	18.31		
5	64QAM	12	13	18.15	18.19	18.19		
5	64QAM	25	0	18.40	18.41	18.39		
5	256QAM	1	0	16.48	16.51	16.59	17.8	3
5	256QAM	1	12	16.50	16.58	16.49		
5	256QAM	1	24	16.60	16.62	16.64		
5	256QAM	12	0	16.52	16.53	16.45	17.8	3
5	256QAM	12	7	16.58	16.51	16.59		
5	256QAM	12	13	16.51	16.54	16.55		
5	256QAM	25	0	16.63	16.61	16.54		

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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	19.77	19.71	19.84	19.79	19.74	20.8	0
20	QPSK	1	49	19.78	19.76	19.79	19.78	19.67		
20	QPSK	1	99	19.69	19.64	19.69	19.70	19.68		
20	QPSK	50	0	19.75	19.74	19.81	19.76	19.68	20.8	0
20	QPSK	50	24	19.76	19.69	19.62	19.63	19.61		
20	QPSK	50	50	19.70	19.68	19.79	19.75	19.65		
20	QPSK	100	0	19.68	19.60	19.77	19.71	19.76		
20	16QAM	1	0	19.57	19.58	19.73	19.72	19.61	20.8	0
20	16QAM	1	49	19.74	19.81	19.58	19.69	19.75		
20	16QAM	1	99	19.66	19.73	19.62	19.79	19.59		
20	16QAM	50	0	19.75	19.77	19.65	19.69	19.69	20.8	0
20	16QAM	50	24	19.66	19.58	19.76	19.74	19.71		
20	16QAM	50	50	19.79	19.68	19.77	19.81	19.62		
20	16QAM	100	0	19.64	19.63	19.76	19.74	19.80		
20	64QAM	1	0	19.80	19.69	19.75	19.68	19.71	20.8	0
20	64QAM	1	49	19.71	19.68	19.71	19.76	19.73		
20	64QAM	1	99	19.64	19.73	19.57	19.75	19.76		
20	64QAM	50	0	18.75	18.68	18.71	18.68	18.74	19.8	1
20	64QAM	50	24	18.76	18.66	18.71	18.67	18.53		
20	64QAM	50	50	18.76	18.70	18.83	18.67	18.73		
20	64QAM	100	0	18.67	18.68	18.70	18.66	18.76		
20	256QAM	1	0	17.04	17.00	16.98	16.95	17.03	17.8	3
20	256QAM	1	49	17.09	16.97	17.05	17.09	16.91		
20	256QAM	1	99	16.93	17.11	16.90	16.86	17.03		
20	256QAM	50	0	17.05	16.91	16.96	16.84	17.02	17.8	3
20	256QAM	50	24	16.89	17.03	16.85	16.87	16.85		
20	256QAM	50	50	17.03	16.89	16.86	16.84	17.03		
20	256QAM	100	0	16.85	16.99	16.92	16.89	16.82		
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	19.74	19.65	19.63	19.72	19.61	21	0
15	QPSK	1	37	19.69	19.72	19.66	19.67	19.48		
15	QPSK	1	74	19.60	19.59	19.48	19.54	19.47		
15	QPSK	36	0	19.54	19.63	19.75	19.61	19.53	20.8	0
15	QPSK	36	20	19.59	19.56	19.60	19.56	19.44		
15	QPSK	36	39	19.57	19.58	19.60	19.72	19.55		
15	QPSK	75	0	19.56	19.41	19.71	19.63	19.58		
15	16QAM	1	0	19.38	19.52	19.64	19.59	19.58	20.8	0
15	16QAM	1	37	19.53	19.79	19.45	19.48	19.56		
15	16QAM	1	74	19.60	19.62	19.52	19.71	19.42		
15	16QAM	36	0	19.54	19.70	19.60	19.67	19.47	20.8	0
15	16QAM	36	20	19.47	19.56	19.63	19.66	19.51		
15	16QAM	36	39	19.74	19.48	19.56	19.75	19.55		
15	16QAM	75	0	19.54	19.46	19.70	19.52	19.76		
15	64QAM	1	0	19.65	19.49	19.64	19.60	19.49	20.8	0
15	64QAM	1	37	19.55	19.55	19.68	19.72	19.63		
15	64QAM	1	74	19.52	19.51	19.51	19.68	19.61		
15	64QAM	36	0	18.79	18.80	18.89	18.82	18.73	19.8	1
15	64QAM	36	20	18.77	18.60	18.65	18.70	18.59		
15	64QAM	36	39	18.80	18.77	18.76	18.72	18.71		
15	64QAM	75	0	18.75	18.65	18.81	18.73	18.75		
15	256QAM	1	0	16.96	16.88	16.87	16.86	16.96	17.8	3
15	256QAM	1	37	17.02	16.90	16.98	17.05	16.83		
15	256QAM	1	74	16.81	17.03	16.84	16.74	16.94		
15	256QAM	36	0	16.99	16.82	16.92	16.77	16.91	17.8	3
15	256QAM	36	20	16.80	16.94	16.74	16.83	16.81		
15	256QAM	36	39	16.94	16.85	16.75	16.77	16.98		
15	256QAM	75	0	16.76	16.90	16.84	16.83	16.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.70	19.66	19.74	19.61	19.72	21	0
10	QPSK	1	25	19.58	19.54	19.61	19.71	19.65		
10	QPSK	1	49	19.63	19.45	19.53	19.56	19.48		
10	QPSK	25	0	19.62	19.70	19.79	19.58	19.64	20.8	0
10	QPSK	25	12	19.66	19.66	19.48	19.43	19.53		
10	QPSK	25	25	19.57	19.52	19.68	19.59	19.58		
10	QPSK	50	0	19.62	19.57	19.59	19.56	19.61		
10	16QAM	1	0	19.51	19.49	19.68	19.55	19.42	20.8	0
10	16QAM	1	25	19.56	19.61	19.54	19.58	19.54		
10	16QAM	1	49	19.62	19.63	19.56	19.71	19.54		
10	16QAM	25	0	19.63	19.69	19.45	19.63	19.50	20.8	0
10	16QAM	25	12	19.51	19.50	19.71	19.58	19.65		
10	16QAM	25	25	19.69	19.55	19.58	19.63	19.51		
10	16QAM	50	0	19.55	19.54	19.59	19.54	19.76		
10	64QAM	1	0	19.65	19.56	19.72	19.63	19.61	20.8	0
10	64QAM	1	25	19.63	19.62	19.60	19.73	19.71		
10	64QAM	1	49	19.50	19.61	19.40	19.70	19.60		
10	64QAM	25	0	18.73	18.69	18.81	18.77	18.76	19.8	1
10	64QAM	25	12	18.79	18.63	18.69	18.56	18.67		
10	64QAM	25	25	18.71	18.66	18.77	18.79	18.61		
10	64QAM	50	0	18.74	18.64	18.83	18.64	18.70		
10	256QAM	1	0	16.98	16.95	16.91	16.88	16.97	17.8	3
10	256QAM	1	25	16.98	16.91	16.92	17.03	16.85		
10	256QAM	1	49	16.87	16.99	16.78	16.73	16.94		
10	256QAM	25	0	16.95	16.87	16.87	16.76	16.99	17.8	3
10	256QAM	25	12	16.84	16.98	16.74	16.80	16.76		
10	256QAM	25	25	16.97	16.77	16.74	16.76	16.92		
10	256QAM	50	0	16.78	16.87	16.84	16.78	16.74		
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	19.64	19.69	19.78	19.68	19.59	21	0
5	QPSK	1	12	19.73	19.56	19.65	19.74	19.60		
5	QPSK	1	24	19.52	19.53	19.62	19.63	19.52		
5	QPSK	12	0	19.68	19.65	19.67	19.69	19.49	20.8	0
5	QPSK	12	7	19.70	19.66	19.52	19.60	19.43		
5	QPSK	12	13	19.55	19.57	19.65	19.62	19.61		
5	QPSK	25	0	19.59	19.55	19.59	19.55	19.66		
5	16QAM	1	0	19.41	19.49	19.52	19.65	19.47	20.8	0
5	16QAM	1	12	19.61	19.68	19.55	19.67	19.58		
5	16QAM	1	24	19.47	19.53	19.57	19.58	19.54		
5	16QAM	12	0	19.73	19.74	19.60	19.52	19.66	20.8	0
5	16QAM	12	7	19.50	19.46	19.57	19.64	19.63		
5	16QAM	12	13	19.58	19.48	19.57	19.69	19.54		
5	16QAM	25	0	19.42	19.48	19.66	19.60	19.69		
5	64QAM	1	0	19.76	19.52	19.73	19.55	19.62	20.8	0
5	64QAM	1	12	19.57	19.59	19.57	19.63	19.66		
5	64QAM	1	24	19.57	19.54	19.42	19.65	19.59		
5	64QAM	12	0	18.71	18.83	18.85	18.79	18.67	19.8	1
5	64QAM	12	7	18.85	18.73	18.60	18.69	18.62		
5	64QAM	12	13	18.78	18.71	18.86	18.68	18.71		
5	64QAM	25	0	18.66	18.59	18.73	18.67	18.70		
5	256QAM	1	0	16.95	16.93	16.91	16.82	16.94	17.8	3
5	256QAM	1	12	17.01	16.87	16.96	17.02	16.79		
5	256QAM	1	24	16.81	17.06	16.82	16.75	16.90		
5	256QAM	12	0	16.95	16.81	16.88	16.78	16.96	17.8	3
5	256QAM	12	7	16.83	16.94	16.80	16.81	16.80		
5	256QAM	12	13	16.96	16.78	16.77	16.75	16.91		
5	256QAM	25	0	16.74	16.93	16.84	16.83	16.71		

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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	21.43	21.42	21.50	21.40	21.48	22.4	0
20	QPSK	1	49	21.30	21.44	21.47	21.41	21.26		
20	QPSK	1	99	21.39	21.25	21.40	21.23	21.42		
20	QPSK	50	0	21.42	21.32	21.47	21.43	21.34	22.4	0
20	QPSK	50	24	21.43	21.27	21.41	21.35	21.33		
20	QPSK	50	50	21.24	21.28	21.31	21.31	21.45		
20	QPSK	100	0	21.24	21.32	21.45	21.41	21.35		
20	16QAM	1	0	21.24	21.36	21.29	21.44	21.32	22.4	0
20	16QAM	1	49	21.30	21.33	21.30	21.44	21.44		
20	16QAM	1	99	21.31	21.31	21.28	21.36	21.26		
20	16QAM	50	0	21.32	21.45	21.43	21.28	21.26	22.4	0
20	16QAM	50	24	21.44	21.26	21.25	21.33	21.33		
20	16QAM	50	50	21.43	21.43	21.27	21.29	21.36		
20	16QAM	100	0	21.33	21.23	21.29	21.44	21.30		
20	64QAM	1	0	21.34	21.24	21.38	21.44	21.34	22.4	0
20	64QAM	1	49	21.41	21.31	21.44	21.42	21.39		
20	64QAM	1	99	21.44	21.42	21.34	21.39	21.30		
20	64QAM	50	0	21.46	21.38	21.38	21.27	21.42	22.4	0
20	64QAM	50	24	21.31	21.43	21.43	21.47	21.34		
20	64QAM	50	50	21.35	21.25	21.25	21.29	21.26		
20	64QAM	100	0	21.37	21.27	21.34	21.32	21.44		
20	256QAM	1	0	19.86	19.84	19.88	19.86	19.98	20.9	1.5
20	256QAM	1	49	19.76	19.76	19.90	19.77	19.95		
20	256QAM	1	99	19.93	19.97	19.98	19.92	19.93		
20	256QAM	50	0	19.75	19.88	19.85	19.76	19.92	20.9	1.5
20	256QAM	50	24	19.76	19.88	19.96	19.85	19.87		
20	256QAM	50	50	19.84	19.72	19.90	19.92	19.92		
20	256QAM	100	0	19.82	19.98	19.86	19.98	19.91		
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	21.24	21.39	21.30	21.33	21.30	22	0
15	QPSK	1	37	21.08	21.33	21.35	21.35	21.19		
15	QPSK	1	74	21.33	21.05	21.19	21.10	21.28		
15	QPSK	36	0	21.32	21.21	21.40	21.41	21.31	22.4	0
15	QPSK	36	20	21.25	21.19	21.20	21.33	21.18		
15	QPSK	36	39	21.05	21.23	21.21	21.10	21.25		
15	QPSK	75	0	21.21	21.24	21.31	21.38	21.29		
15	16QAM	1	0	21.11	21.26	21.08	21.37	21.12	22.4	0
15	16QAM	1	37	21.12	21.12	21.22	21.25	21.35		
15	16QAM	1	74	21.20	21.15	21.07	21.26	21.17		
15	16QAM	36	0	21.12	21.38	21.25	21.18	21.11	22.4	0
15	16QAM	36	20	21.27	21.16	21.18	21.19	21.14		
15	16QAM	36	39	21.38	21.24	21.09	21.09	21.19		
15	16QAM	75	0	21.14	21.02	21.16	21.34	21.15		
15	64QAM	1	0	21.23	21.15	21.30	21.33	21.31	22.4	0
15	64QAM	1	37	21.37	21.20	21.28	21.35	21.19		
15	64QAM	1	74	21.28	21.22	21.29	21.28	21.12		
15	64QAM	36	0	21.33	21.17	21.18	21.17	21.33	22.4	0
15	64QAM	36	20	21.11	21.29	21.38	21.43	21.14		
15	64QAM	36	39	21.31	21.17	21.15	21.19	21.16		
15	64QAM	75	0	21.20	21.06	21.19	21.20	21.37		
15	256QAM	1	0	19.75	19.71	19.83	19.75	19.86	20.9	1.5
15	256QAM	1	37	19.70	19.70	19.81	19.73	19.91		
15	256QAM	1	74	19.87	19.90	19.87	19.87	19.82		
15	256QAM	36	0	19.62	19.83	19.80	19.64	19.83	20.9	1.5
15	256QAM	36	20	19.68	19.82	19.91	19.74	19.79		
15	256QAM	36	39	19.81	19.62	19.83	19.83	19.85		
15	256QAM	75	0	19.69	19.90	19.80	19.86	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.31	21.30	21.30	21.37	21.32	22	0
10	QPSK	1	25	21.16	21.23	21.41	21.32	21.21		
10	QPSK	1	49	21.20	21.11	21.31	21.16	21.29		
10	QPSK	25	0	21.28	21.16	21.38	21.33	21.26	22.4	0
10	QPSK	25	12	21.38	21.19	21.21	21.29	21.12		
10	QPSK	25	25	21.05	21.22	21.11	21.25	21.43		
10	QPSK	50	0	21.07	21.10	21.31	21.36	21.23		
10	16QAM	1	0	21.19	21.18	21.16	21.24	21.17	22.4	0
10	16QAM	1	25	21.08	21.29	21.26	21.41	21.24		
10	16QAM	1	49	21.12	21.23	21.26	21.26	21.21		
10	16QAM	25	0	21.27	21.37	21.33	21.07	21.15	22.4	0
10	16QAM	25	12	21.27	21.16	21.03	21.29	21.31		
10	16QAM	25	25	21.27	21.32	21.13	21.15	21.14		
10	16QAM	50	0	21.19	21.03	21.25	21.38	21.24		
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GSM1900 Ant2	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	29.42	29.51	29.40	30.50	20.42	20.51	20.40	21.50
GPRS 1 Tx slot	29.41	29.45	29.39	30.50	20.41	20.45	20.39	21.50
GPRS 2 Tx slots	26.45	26.48	26.36	27.50	20.45	20.48	20.36	21.50
GPRS 3 Tx slots	24.64	24.74	24.66	25.50	20.38	20.48	20.40	21.24
GPRS 4 Tx slots	23.44	23.48	23.37	24.50	20.44	20.48	20.37	21.50
EDGE 1 Tx slot	25.78	25.85	25.76	27.00	16.78	16.85	16.76	18.00
EDGE 2 Tx slots	24.44	24.58	24.51	25.50	18.44	18.58	18.51	19.50
EDGE 3 Tx slots	21.95	21.98	21.84	23.00	17.69	17.72	17.58	18.74
EDGE 4 Tx slots	20.53	20.66	20.61	21.50	17.53	17.66	17.61	18.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			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	22.26	22.30	22.23	23.50	22.21	22.24	22.15	23.30
3GPP Rel 99	RMC 12.2Kbps	22.29	22.32	22.24	23.50	22.22	22.27	22.18	23.30
3GPP Rel 6	HSDPA Subtest-1	21.09	21.36	21.11	22.50	21.03	21.39	21.11	22.30
3GPP Rel 6	HSDPA Subtest-2	21.25	21.27	21.02	22.50	21.22	21.21	21.03	22.30
3GPP Rel 6	HSDPA Subtest-3	20.58	20.75	20.54	22.00	20.56	20.68	20.54	21.80
3GPP Rel 6	HSDPA Subtest-4	20.68	20.78	20.66	22.00	20.66	20.78	20.65	21.80
3GPP Rel 8	DC-HSDPA Subtest-1	21.12	21.25	21.08	22.50	21.07	21.21	21.09	22.30
3GPP Rel 8	DC-HSDPA Subtest-2	21.19	21.22	21.26	22.50	21.15	21.15	21.20	22.30
3GPP Rel 8	DC-HSDPA Subtest-3	20.62	20.63	20.73	22.00	20.56	20.63	20.69	21.80
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.70	20.62	22.00	20.71	20.70	20.56	21.80
3GPP Rel 6	HSUPA Subtest-1	21.23	21.23	21.07	22.50	21.24	21.22	21.06	22.30
3GPP Rel 6	HSUPA Subtest-2	19.29	19.33	19.08	20.50	19.20	19.25	19.04	20.30
3GPP Rel 6	HSUPA Subtest-3	20.20	20.21	20.17	21.50	20.22	20.12	20.16	21.30
3GPP Rel 6	HSUPA Subtest-4	19.17	19.29	19.04	20.50	19.17	19.27	19.05	20.30
3GPP Rel 6	HSUPA Subtest-5	21.26	21.31	21.22	22.50	21.19	21.32	21.16	22.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.79	18.84	18.52	20.00	18.73	18.79	18.53	19.80

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74	24	0
20	QPSK	1	49	22.81	22.80	22.61		
20	QPSK	1	99	22.86	22.76	22.69		
20	QPSK	50	0	21.66	21.85	21.64	23	1
20	QPSK	50	24	21.58	21.63	21.80		
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94	23	1
20	16QAM	1	49	22.18	22.18	22.17		
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95	22	2
20	16QAM	50	24	20.75	20.81	20.75		
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89	22	2
20	64QAM	1	49	21.07	20.92	21.00		
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86	21	3
20	64QAM	50	24	19.74	19.75	19.80		
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70	19	5
20	256QAM	1	49	17.89	17.80	17.75		
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79	19	5
20	256QAM	50	24	17.86	17.89	17.72		
20	256QAM	50	50	17.80	17.71	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63	24	0
15	QPSK	1	37	22.69	22.72	22.51		
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56	23	1
15	QPSK	36	20	21.52	21.53	21.73		
15	QPSK	36	39	21.64	21.65	21.60		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85	23	1
15	16QAM	1	37	22.10	22.05	22.08		
15	16QAM	1	74	21.95	21.89	22.06		
15	16QAM	36	0	20.82	20.78	20.86	22	2
15	16QAM	36	20	20.69	20.78	20.65		
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77	22	2
15	64QAM	1	37	20.95	20.80	20.91		
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75	21	3
15	64QAM	36	20	19.62	19.69	19.74		
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64	19	5
15	256QAM	1	37	17.77	17.69	17.65		
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71	19	5
15	256QAM	36	20	17.79	17.77	17.64		
15	256QAM	36	39	17.68	17.81	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65	24	0
10	QPSK	1	25	22.74	22.75	22.50		
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52	23	1
10	QPSK	25	12	21.52	21.56	21.71		
10	QPSK	25	25	21.65	21.85	21.62		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85	23	1
10	16QAM	1	25	22.14	22.07	22.10		
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90	22	2
10	16QAM	25	12	20.66	20.72	20.72		
10	16QAM	25	25	20.85	20.75	20.79		
10	16QAM	50	0	20.83	20.79	20.82		
10	64QAM	1	0	20.96	20.87	20.79	22	2
10	64QAM	1	25	20.98	20.79	20.94		
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81	21	3
10	64QAM	25	12	19.69	19.63	19.76		
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.68	17.59	19	5
10	256QAM	1	25	17.82	17.69	17.62		
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69	19	5
10	256QAM	25	12	17.79	17.77	17.68		
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68	24	0
5	QPSK	1	12	22.70	22.72	22.55		
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51	23	1
5	QPSK	12	7	21.53	21.57	21.77		
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83	23	1
5	16QAM	1	12	22.08	22.06	22.10		
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85	22	2
5	16QAM	12	7	20.72	20.71	20.65		
5	16QAM	12	13	20.65	20.75	20.80		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80	22	2
5	64QAM	1	12	20.96	20.80	20.94		
5	64QAM	1	24	20.83	20.93	21.00		
5	64QAM	12	0	19.88	19.79	19.80	21	3
5	64QAM	12	7	19.67	19.65	19.73		
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.96	17.77	17.63	19	5
5	256QAM	1	12	17.82	17.76	17.72		
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71	19	5
5	256QAM	12	7	17.81	17.80	17.63		
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64	24	0
3	QPSK	1	8	22.75	22.74	22.55		
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59	23	1
3	QPSK	8	4	21.48	21.59	21.75		
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.85	23	1
3	16QAM	1	8	22.15	22.06	22.11		
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90	22	2
3	16QAM	8	4	20.68	20.73	20.68		
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85	22	2
3	64QAM	1	8	21.04	20.83	20.88		
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80	21	3
3	64QAM	8	4	19.65	19.67	19.67		
3	64QAM	8	7	19.69	19.80	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58	19	5
3	256QAM	1	8	17.82	17.76	17.68		
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74	19	5
3	256QAM	8	4	17.80	17.78	17.65		
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66	24	0
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63		
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84	23	1
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09		
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85	22	2
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97		
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57	19	5
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73		
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	21.80	22.04	21.99	23.3	0
20	QPSK	1	49	21.85	22.02	21.89		
20	QPSK	1	99	21.96	21.96	21.88		
20	QPSK	50	0	22.01	22.02	21.96	23.3	0
20	QPSK	50	24	21.82	21.90	21.97		
20	QPSK	50	50	21.87	21.91	21.94		
20	QPSK	100	0	21.91	21.98	21.88		
20	16QAM	1	0	21.91	21.97	21.81	23.3	0
20	16QAM	1	49	21.98	21.93	22.00		
20	16QAM	1	99	21.88	22.00	21.85		
20	16QAM	50	0	21.17	21.06	21.03	22.3	1
20	16QAM	50	24	21.06	20.95	21.07		
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.22	21.21	21.22	22.3	1
20	64QAM	1	49	21.28	21.15	21.13		
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23	21.3	2
20	64QAM	50	24	20.11	19.99	20.04		
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26	19.3	4
20	256QAM	1	49	18.07	18.17	18.21		
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00	19.3	4
20	256QAM	50	24	17.97	18.05	18.03		
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.69	21.91	21.87	23.3	0
15	QPSK	1	37	21.76	21.93	21.81		
15	QPSK	1	74	21.73	21.87	21.71		
15	QPSK	36	0	21.93	21.88	21.88	23.3	0
15	QPSK	36	20	21.61	21.73	21.91		
15	QPSK	36	39	21.63	21.79	21.78		
15	QPSK	75	0	21.89	21.78	21.67		
15	16QAM	1	0	21.85	21.93	21.68	23.3	0
15	16QAM	1	37	21.90	21.80	21.87		
15	16QAM	1	74	21.75	21.83	21.82		
15	16QAM	36	0	21.12	20.94	20.91	22.3	1
15	16QAM	36	20	20.98	20.89	20.94		
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	21.07	20.99		
15	64QAM	1	0	21.10	21.18	21.11	22.3	1
15	64QAM	1	37	21.16	21.08	21.06		
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15	21.3	2
15	64QAM	36	20	20.01	19.91	19.95		
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18	19.3	4
15	256QAM	1	37	18.03	18.05	18.14		
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94	19.3	4
15	256QAM	36	20	17.85	17.95	18.00		
15	256QAM	36	39	18.04	17.95	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.66	22.02	21.90	23.3	0
10	QPSK	1	25	21.63	21.92	21.68		
10	QPSK	1	49	21.76	21.77	21.68		
10	QPSK	25	0	21.82	21.99	21.85	23.3	0
10	QPSK	25	12	21.64	21.70	21.81		
10	QPSK	25	25	21.76	21.76	21.81		
10	QPSK	50	0	21.85	21.82	21.85		
10	16QAM	1	0	21.86	21.85	21.69	23.3	0
10	16QAM	1	25	21.93	21.85	21.85		
10	16QAM	1	49	21.72	21.97	21.69		
10	16QAM	25	0	21.08	20.98	20.94	22.3	1
10	16QAM	25	12	21.00	20.87	21.02		
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12	22.3	1
10	64QAM	1	25	21.20	21.06	21.07		
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18	21.3	2
10	64QAM	25	12	20.04	19.95	19.98		
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17	19.3	4
10	256QAM	1	25	18.01	18.05	18.17		
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91	19.3	4
10	256QAM	25	12	17.84	17.98	17.91		
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.70	21.90	21.84	23.3	0
5	QPSK	1	12	21.65	21.99	21.74		
5	QPSK	1	24	21.67	21.81	21.81		
5	QPSK	12	0	21.91	21.92	21.74	23.3	0
5	QPSK	12	7	21.63	21.87	21.76		
5	QPSK	12	13	21.82	21.72	21.84		
5	QPSK	25	0	21.88	21.82	21.85		
5	16QAM	1	0	21.89	21.90	21.76	23.3	0
5	16QAM	1	12	21.80	21.80	21.89		
5	16QAM	1	24	21.78	21.93	21.83		
5	16QAM	12	0	21.13	20.97	20.91	22.3	1
5	16QAM	12	7	20.99	20.90	20.99		
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14	22.3	1
5	64QAM	1	12	21.15	21.10	21.07		
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19	21.3	2
5	64QAM	12	7	20.02	19.88	19.94		
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21	19.3	4
5	256QAM	1	12	17.96	18.06	18.16		
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96	19.3	4
5	256QAM	12	7	17.94	18.00	17.99		
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.75	21.99	21.90	23.3	0
3	QPSK	1	8	21.66	21.95	21.81		
3	QPSK	1	14	21.78	21.90	21.85		
3	QPSK	8	0	21.85	21.80	21.93	23.3	0
3	QPSK	8	4	21.78	21.71	21.79		
3	QPSK	8	7	21.84	21.85	21.85		
3	QPSK	15	0	21.80	21.84	21.77		
3	16QAM	1	0	21.73	21.90	21.63	23.3	0
3	16QAM	1	8	21.78	21.86	21.80		
3	16QAM	1	14	21.68	21.84	21.71		
3	16QAM	8	0	21.11	20.94	20.98	22.3	1
3	16QAM	8	4	20.98	20.84	21.00		
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16	22.3	1
3	64QAM	1	8	21.22	21.06	21.05		
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11	21.3	2
3	64QAM	8	4	20.03	19.89	19.97		
3	64QAM	8	7	20.02	20.08	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17	19.3	4
3	256QAM	1	8	17.97	18.08	18.12		
3	256QAM	1	14	18.16	17.96	18.13		
3	256QAM	8	0	18.13	17.97	17.89	19.3	4
3	256QAM	8	4	17.88	17.97	17.92		
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.97	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.73	21.91	21.86	23.3	0
1.4	QPSK	1	3	21.76	21.82	21.84		
1.4	QPSK	1	5	21.73	21.77	21.66		
1.4	QPSK	3	0	21.81	21.94	21.93		
1.4	QPSK	3	1	21.76	21.71	21.84		
1.4	QPSK	3	3	21.66	21.71	21.72		
1.4	QPSK	6	0	21.63	21.80	21.70	23.3	0
1.4	16QAM	1	0	21.85	21.79	21.61	23.3	0
1.4	16QAM	1	3	21.83	21.88	21.93		
1.4	16QAM	1	5	21.68	21.92	21.73		
1.4	16QAM	3	0	21.69	22.01	21.83		
1.4	16QAM	3	1	21.72	21.82	21.82		
1.4	16QAM	3	3	21.77	21.75	21.69		
1.4	16QAM	6	0	20.76	20.64	20.74	22.3	1
1.4	64QAM	1	0	20.89	20.83	20.80	22.3	1
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94		
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.80	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21.3	2
1.4	256QAM	1	0	17.76	17.61	17.49	19.3	4
1.4	256QAM	1	3	17.73	17.68	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67		
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19.3	4

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92	24	0
20	QPSK	1	49	22.95	23.13	22.73		
20	QPSK	1	99	22.94	23.04	22.91		
20	QPSK	50	0	21.89	21.97	21.92	23	1
20	QPSK	50	24	21.83	21.76	21.95		
20	QPSK	50	50	21.91	21.89	21.82		
20	QPSK	100	0	21.75	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38	23	1
20	16QAM	1	49	22.34	22.44	22.38		
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08	22	2
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Band 25 Ant2

BW [MHz]	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	22.96	22.98	22.78	24	0
20	QPSK	1	49	22.79	22.90	22.60		
20	QPSK	1	99	22.95	22.82	22.63		
20	QPSK	50	0	21.79	21.94	21.81		
20	QPSK	50	24	21.77	21.73	21.92	23	1
20	QPSK	50	50	21.91	21.90	21.87		
20	QPSK	100	0	21.84	21.90	21.76		
20	16QAM	1	0	22.06	22.07	22.06		
20	16QAM	1	49	22.04	22.15	22.07	23	1
20	16QAM	1	99	22.16	22.12	22.18		
20	16QAM	50	0	21.02	20.91	20.98		
20	16QAM	50	24	20.87	20.80	20.84	22	2
20	16QAM	50	50	21.02	20.87	20.95		
20	16QAM	100	0	20.89	20.88	20.88		
20	64QAM	1	0	20.94	21.04	20.95		
20	64QAM	1	49	20.91	21.13	21.11	22	2
20	64QAM	1	99	21.03	20.92	20.99		
20	64QAM	50	0	20.00	19.91	19.88		
20	64QAM	50	24	19.85	19.88	19.81	21	3
20	64QAM	50	50	20.03	20.04	19.82		
20	64QAM	100	0	19.88	19.89	19.84		
20	256QAM	1	0	17.99	17.93	17.83		
20	256QAM	1	49	17.90	17.98	18.03	19	5
20	256QAM	1	99	17.92	17.92	17.94		
20	256QAM	50	0	17.93	17.88	17.92		
20	256QAM	50	24	17.95	17.90	18.00	19	5
20	256QAM	50	50	17.84	18.00	17.75		
20	256QAM	100	0	17.89	17.89	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.92	22.86	22.69	24	0
15	QPSK	1	37	22.72	22.86	22.56		
15	QPSK	1	74	22.90	22.73	22.57		
15	QPSK	36	0	21.69	21.88	21.70		
15	QPSK	36	20	21.69	21.86	21.80	23	1
15	QPSK	36	39	21.84	21.83	21.76		
15	QPSK	75	0	21.75	21.83	21.67		
15	16QAM	1	0	21.98	22.02	22.00		
15	16QAM	1	37	21.92	22.08	21.99	23	1
15	16QAM	1	74	22.05	22.09	22.13		
15	16QAM	36	0	20.96	20.86	20.89		
15	16QAM	36	20	20.81	20.74	20.73	22	2
15	16QAM	36	39	20.99	20.81	20.85		
15	16QAM	75	0	20.79	20.78	20.75		
15	64QAM	1	0	20.89	20.92	20.91		
15	64QAM	1	37	20.86	21.07	21.07	22	2
15	64QAM	1	74	20.95	20.81	20.93		
15	64QAM	36	0	19.88	19.85	19.82		
15	64QAM	36	20	19.80	19.85	19.78	21	3
15	64QAM	36	39	19.93	20.01	19.75		
15	64QAM	75	0	19.85	19.81	19.80		
15	256QAM	1	0	17.86	17.84	17.77		
15	256QAM	1	37	17.84	17.94	17.96	19	5
15	256QAM	1	74	17.86	17.82	17.91		
15	256QAM	36	0	17.86	17.77	17.81		
15	256QAM	36	20	17.88	17.77	17.96	19	5
15	256QAM	36	39	17.78	17.96	17.65		
15	256QAM	75	0	17.77	17.77	17.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.86	22.66	24	0
10	QPSK	1	25	22.72	22.83	22.49		
10	QPSK	1	49	22.88	22.70	22.57		
10	QPSK	25	0	21.70	21.89	21.75		
10	QPSK	25	12	21.66	21.64	21.81	23	1
10	QPSK	25	25	21.83	21.85	21.82		
10	QPSK	50	0	21.77	21.81	21.70		
10	16QAM	1	0	22.00	21.97	22.03		
10	16QAM	1	25	21.91	22.04	22.01	23	1
10	16QAM	1	49	22.07	21.99	22.06		
10	16QAM	25	0	20.91	20.80	20.93		
10	16QAM	25	12	20.80	20.77	20.74	22	2
10	16QAM	25	25	20.92	20.82	20.85		
10	16QAM	50	0	20.81	20.84	20.80		
10	64QAM	1	0	20.85	21.00	20.83		
10	64QAM	1	25	20.81	21.09	21.02	22	2
10	64QAM	1	49	20.93	20.82	20.90		
10	64QAM	25	0	19.96	19.78	19.82		
10	64QAM	25	12	19.72	19.84	19.77	21	3
10	64QAM	25	25	19.91	19.99	19.78		
10	64QAM	50	0	19.81	19.85	19.72		
10	256QAM	1	0	17.96	17.87	17.73		
10	256QAM	1	25	17.86	17.86	17.99	19	5
10	256QAM	1	49	17.85	17.81	17.89		
10	256QAM	25	0	17.82	17.79	17.82		
10	256QAM	25	12	17.90	17.77	17.97	19	5
10	256QAM	25	25	17.76	17.94	17.70		
10	256QAM	50	0	17.77	17.78	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.97	22.97	22.94	24	0
5	QPSK	1	12	22.90	22.91	22.83		
5	QPSK	1	24	22.95	22.91	22.73		
5	QPSK	12	0	22.08	22.11	22.05		
5	QPSK	12	7	22.10	22.02	22.02	23	1
5	QPSK	12	13	21.98	21.91	22.02		
5	QPSK	25	0	21.99	22.02	21.90		
5	16QAM	1	0	22.18	22.21	22.11		
5	16QAM	1	12	22.14	22.32	22.32	23	1
5	16QAM	1	24	22.08	22.23	22.18		
5	16QAM	12	0	21.12	20.94	20.94		
5	16QAM	12	7	21.02	20.83	21.01	22	2
5	16QAM	12	13	20.90	20.96	20.98		
5	16QAM	25	0	21.05	21.05	21.00		
5	64QAM	1	0	21.12	21.09	21.11		
5	64QAM	1	12	21.16	21.07	21.07	22	2
5	64QAM	1	24	21.16	21.20	21.15		
5	64QAM	12	0	20.11	20.07	20.14		
5	64QAM	12	7	20.01	19.88	19.97	21	3
5	64QAM	12	13	20.05	20.17	20.07		
5	64QAM	25	0	20.08	20.01	20.18		
5	256QAM	1	0	18.13	18.10	18.16		
5	256QAM	1	12	17.99	18.09	18.13	19	5
5	256QAM	1	24	18.25	18.06	18.13		
5	256QAM	12	0	18.05	17.96	17.88		
5	256QAM	12	7	17.85	17.96	17.91	19	5
5	256QAM	12	13	18.02	17.93	17.96		
5	256QAM	25	0	17.92	18.06	18.16		
Channel				26025	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.95	22.96	22.97	24	0
3	QPSK	1	8	22.89	22.97	22.86		
3	QPSK	1	14	22.94	22.92	22.76		
3	QPSK	8	0	22.04	22.08	22.03	23	1
3	QPSK	8	4	22.09	22.02	22.08		
3	QPSK	8	7	22.00	21.89	22.07		
3	QPSK	15	0	21.98	22.05	21.98		
3	16QAM	1	0	22.11	22.16	22.09		
3	16QAM	1	8	22.14	22.30	22.36	23	1
3	16QAM	1	14	22.13	22.25	22.21		
3	16QAM	8	0	21.10	20.94	20.98		
3	16QAM	8	4	20.99	20.85	20.94	22	2
3	16QAM	8	7	20.89	20.93	21.01		
3	16QAM	15	0	21.06	21.01	21.05		
3	64QAM	1	0	21.19	21.10	21.10		
3	64QAM	1	8	21.16	21.06	21.01	22	2
3	64QAM	1	14	21.20	21.14	21.12		
3	64QAM	8	0	20.09	20.00	20.14		
3	64QAM	8	4	20.05	19.93	19.92	21	3
3	64QAM	8	7	20.04	20.09	20.08		
3	64QAM	15	0	20.11	19.97	20.11		
3	256QAM	1	0	18.12	18.12	18.20		
3	256QAM	1	8	17.96	18.12	18.11	19	5
3	256QAM	1	14	18.18	17.99	18.13		
3	256QAM	8	0	18.05	17.99	17.89		
3	256QAM	8	4	17.88	18.01	17.94	19	5
3	256QAM	8	7	18.04	17.92	18.00		
3	256QAM	15	0	17.95	18.06	18.08		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.07	22.03	23.3	0
20	QPSK	1	49	21.91	22.00	21.85		
20	QPSK	1	99	21.81	21.82	21.85		
20	QPSK	50	0	21.84	22.03	21.80		
20	QPSK	50	24	22.00	21.95	21.80	23.3	0
20	QPSK	50	50	21.96	21.87	21.82		
20	QPSK	100	0	21.85	21.96	21.94		
20	16QAM	1	0	21.86	21.91	21.81		
20	16QAM	1	49	21.91	21.82	21.80	23.3	0
20	16QAM	1	99	21.92	22.03	21.93		
20	16QAM	50	0	20.95	20.94	20.96		
20	16QAM	50	24	21.06	20.90	20.87	22.3	1
20	16QAM	50	50	20.96	20.88	21.01		
20	16QAM	100	0	20.86	20.95	20.86		
20	64QAM	1	0	21.18	21.15	21.14		
20	64QAM	1	49	21.25	21.05	21.05	22.3	1
20	64QAM	1	99	21.24	21.13	21.20		
20	64QAM	50	0	20.02	19.92	19.95		
20	64QAM	50	24	19.97	19.98	19.81	21.3	2
20	64QAM	50	50	19.81	20.01	20.01		
20	64QAM	100	0	19.97	19.93	19.99		
20	256QAM	1	0	18.22	18.09	18.04		
20	256QAM	1	49	18.18	18.00	18.04	19.3	4
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84		
20	256QAM	50	24	17.85	17.88	17.81	19.3	4
20	256QAM	50	50	17.78	17.97	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.78	21.92	21.98	23.3	0
15	QPSK	1	37	21.80	21.91	21.66		
15	QPSK	1	74	21.76	21.66	21.77		
15	QPSK	36	0	21.64	21.91	21.69		
15	QPSK	36	20	21.82	21.88	21.60	23.3	0
15	QPSK	36	39	21.92	21.68	21.73		
15	QPSK	75	0	21.76	21.79	21.78		
15	16QAM	1	0	21.67	21.86	21.76		
15	16QAM	1	37	21.83	21.69	21.77	23.3	0
15	16QAM	1	74	21.76	21.92	21.76		
15	16QAM	36	0	20.94	20.86	20.93		
15	16QAM	36	20	20.76	20.72	20.74	22.3	1
15	16QAM	36	39	20.98	20.77	20.84		
15	16QAM	75	0	20.78	20.78	20.84		
15	64QAM	1	0	20.84	20.92	20.90		
15	64QAM	1	37	20.79	21.05	21.05	22.3	1
15	64QAM	1	74	20.98	20.84	20.92		
15	64QAM	36	0	19.95	19.79	19.78		
15	64QAM	36	20	19.78	19.78	19.77	21.3	2
15	64QAM	36	39	19.96	19.92	19.79		
15	64QAM	75	0	19.83	19.81	19.80		
15	256QAM	1	0	17.93	17.87	17.77		
15	256QAM	1	37	17.78	17.87	17.92	19.3	4
15	256QAM	1	74	17.87	17.83	17.87		
15	256QAM	36	0	17.81	17.76	17.82		
15	256QAM	36	20	17.86	17.78	17.91	19.3	4
15	256QAM	36	39	17.74	17.87	17.89		
15	256QAM	75	0	17.84	17.86	17.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.86	21.97	21.98	23.3	0
10	QPSK	1	25	21.84	21.98	21.77		
10	QPSK	1	49	21.64	21.62	21.68		
10	QPSK	25	0	21.69	21.90	21.78		
10	QPSK	25	12	21.96	21.78	21.64	23.3	0
10	QPSK	25	25	21.85	21.81	21.77		
10	QPSK	50	0	21.73	21.92	21.87		
10	16QAM	1	0	21.81	21.84	21.71		
10	16QAM	1	25	21.87	21.73	21.77	23.3	0
10	16QAM	1	49	21.77	21.86	21.73		
10	16QAM	25	0	20.95	20.84	20.86		
10	16QAM	25	12	20.81	20.72	20.76	22.3	1
10	16QAM	25	25	20.99	20.76	20.86		
10	16QAM	50	0	20.81	20.78	20.80		
10	64QAM	1	0	20.83	20.93	20.87		
10	64QAM	1	25	20.83	21.01	21.01	22.3	1
10	64QAM	1	49	20.92	20.79	20.95		
10	64QAM	25	0	19.97	19.80	19.82		
10	64QAM	25	12	19.76	19.76	19.78	21.3	2
10	64QAM	25	25	19.95	19.98	19.76		
10	64QAM	50	0	19.84	19.84	19.79		
10	256QAM	1	0	17.93	17.83	17.79		
10	256QAM	1	25	17.87	17.88	17.91	19.3	4
10	256QAM	1	49	17.84	17.83	17.87		
10	256QAM	25	0	17.88	17.80	17.83		
10	256QAM	25	12	17.84	17.85	17.96	19.3	4
10	256QAM	25	25	17.80	17.92	17.64		
10	256QAM	50	0	17.84	17.82	17.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.78	21.91	21.96	23.3	0
5	QPSK	1	12	21.73	21.87	21.64		
5	QPSK	1	24	21.69	21.61	21.81		
5	QPSK	12	0	21.68	21.88	21.65		
5	QPSK	12	7	21.86	21.73	21.71	23.3	0
5	QPSK	12	13	21.83	21.73	21.72		
5	QPSK	25	0	21.72	21.79	21.84		
5	16QAM	1	0	21.75	21.73	21.70		
5	16QAM	1	12	21.73	21.71	21.73	23.3	0
5	16QAM	1	24	21.76	21.94	21.78		
5	16QAM	12	0	20.91	20.80	20.91		
5	16QAM	12	7	20.78	20.76	20.72	22.3	1
5	16QAM	12	13	20.93	20.78	20.82		
5	16QAM	25	0	20.81	20.84	20.77		
5	64QAM	1	0	20.82	20.93	20.87		
5	64QAM	1	12	20.86	21.06	21.04	22.3	1
5	64QAM	1	24	20.97	20.87	20.91		
5	64QAM	12	0	19.94	19.79	19.79		
5	64QAM	12	7	19.75	19.79	19.74	21.3	2
5	64QAM	12	13	19.98	19.94	19.75		
5	64QAM	25	0	19.80	19.83	19.80		
5	256QAM	1	0	17.90	17.88	17.76		
5	256QAM	1	12	17.80	17.86	17.99	19.3	4
5	256QAM	1	24	17.85	17.83	17.89		
5	256QAM	12	0	17.82	17.80	17.89		
5	256QAM	12	7	17.85	17.80	17.95	19.3	4
5	256QAM	12	13	17.74	17.95	17.71		
5	256QAM	25	0	17.77	17.85	17.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.75	22.05	21.90	23.3	0
3	QPSK	1	8	21.78	21.90	21.77		
3	QPSK	1	14	21.71	21.76	21.64		
3	QPSK	8	0	21.65	21.90	21.62	23.3	0
3	QPSK	8	4	21.95	21.77	21.73		
3	QPSK	8	7	21.76	21.66	21.80		
3	QPSK	15	0	21.79	21.87	21.85		
3	16QAM	1	0	21.89	21.87	21.78		
3	16QAM	1	8	21.89	21.62	21.75	23.3	0
3	16QAM	1	14	21.86	21.87	21.84		
3	16QAM	8	0	20.90	20.82	20.88		
3	16QAM	8	4	20.79	20.76	20.79	22.3	1
3	16QAM	8	7	20.97	20.77	20.83		
3	16QAM	15	0	20.82	20.82	20.83		
3	64QAM	1	0	20.85	20.96	20.86		
3	64QAM	1	8	20.84	21.10	21.06	22.3	1
3	64QAM	1	14	20.92	20.89	20.95		
3	64QAM	8	0	19.88	19.83	19.78		
3	64QAM	8	4	19.76	19.76	19.70	21.3	2
3	64QAM	8	7	19.96	19.93	19.71		
3	64QAM	15	0	19.77	19.78	19.73		
3	256QAM	1	0	17.89	17.82	17.77		
3	256QAM	1	8	17.82	17.94	18.00	19.3	4
3	256QAM	1	14	17.89	17.83	17.84		
3	256QAM	8	0	17.82	17.85	17.84		
3	256QAM	8	4	17.88	17.85	17.92	19.3	4
3	256QAM	8	7	17.72	17.96	17.68		
3	256QAM	15	0	17.81	17.79	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.79	21.86	21.97	23.3	0
1.4	QPSK	1	3	21.76	21.93	21.65		
1.4	QPSK	1	5	21.64	21.61	21.65		
1.4	QPSK	3	0	21.85	21.97	21.99		
1.4	QPSK	3	1	21.70	21.83	21.79		
1.4	QPSK	3	3	21.79	21.77	21.69		
1.4	QPSK	6	0	21.82	21.96	21.63	23.3	0
1.4	16QAM	1	0	21.97	21.85	21.71	23.3	0
1.4	16QAM	1	3	21.94	21.69	21.77		
1.4	16QAM	1	5	21.65	21.92	21.91		
1.4	16QAM	3	0	21.75	21.86	21.68		
1.4	16QAM	3	1	21.76	21.70	21.71		
1.4	16QAM	3	3	21.87	21.84	21.82		
1.4	16QAM	6	0	20.64	20.57	20.68	22.3	1
1.4	64QAM	1	0	20.79	20.77	20.73	22.3	1
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21.3	2
1.4	256QAM	1	0	17.72	17.57	17.36	19.3	4
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	19.3	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.95	23.00	22.88	24	0
20	QPSK	1	49	22.75	22.82	22.86		
20	QPSK	1	99	22.80	22.81	22.84		
20	QPSK	50	0	22.00	22.05	21.83	23	1
20	QPSK	50	24	22.00	21.86	21.99		
20	QPSK	50	50	21.86	21.91	22.03		
20	QPSK	100	0	21.92	22.02	21.76		
20	16QAM	1	0	22.00	22.07	22.05	23	1
20	16QAM	1	49	22.16	22.20	22.17		
20	16QAM	1	99	22.20	22.08	22.13		
20	16QAM	50	0	21.13	21.09	21.18	22	2
20	16QAM	50	24	21.04	21.13	21.17		
20	16QAM	50	50	21.03	21.08	21.07		
20	16QAM	100	0	20.99	21.06	21.12		
20	64QAM	1	0	20.69	20.75	20.64	22	2
20	64QAM	1	49	20.73	20.67	20.76		
20	64QAM	1	99	20.86	20.81	20.75		
20	64QAM	50	0	20.11	20.14	20.07	21	3
20	64QAM	50	24	20.09	20.08	20.09		
20	64QAM	50	50	20.08	20.17	20.25		
20	64QAM	100	0	20.14	20.03	20.14		
20	256QAM	1	0	18.06	17.94	17.92	19	5
20	256QAM	1	49	18.07	17.89	17.97		
20	256QAM	1	99	17.84	17.99	17.83		
20	256QAM	50	0	18.20	18.13	18.13	19	5
20	256QAM	50	24	18.00	18.06	18.24		
20	256QAM	50	50	18.13	18.23	18.20		
20	256QAM	100	0	18.12	18.02	18.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.88	22.75	24	0
15	QPSK	1	37	22.69	22.87	22.56		
15	QPSK	1	74	22.84	22.72	22.58		
15	QPSK	36	0	21.67	21.84	21.69	23	1
15	QPSK	36	20	21.64	21.62	21.81		
15	QPSK	36	39	21.84	21.83	21.81		
15	QPSK	75	0	21.72	21.85	21.70		
15	16QAM	1	0	22.00	22.00	22.01	23	1
15	16QAM	1	37	21.95	22.07	21.98		
15	16QAM	1	74	22.13	22.02	22.12		
15	16QAM	36	0	20.90	20.85	20.92	22	2
15	16QAM	36	20	20.77	20.70	20.78		
15	16QAM	36	39	20.97	20.81	20.86		
15	16QAM	75	0	20.85	20.76	20.76		
15	64QAM	1	0	20.84	20.95	20.88	22	2
15	64QAM	1	37	20.82	21.06	21.07		
15	64QAM	1	74	20.90	20.80	20.87		
15	64QAM	36	0	19.93	19.80	19.80	21	3
15	64QAM	36	20	19.80	19.77	19.70		
15	64QAM	36	39	19.98	19.96	19.78		
15	64QAM	75	0	19.85	19.80	19.76		
15	256QAM	1	0	17.96	17.84	17.75	19	5
15	256QAM	1	37	17.85	17.89	17.97		
15	256QAM	1	74	17.79	17.84	17.89		
15	256QAM	36	0	17.88	17.82	17.86	19	5
15	256QAM	36	20	17.84	17.82	17.90		
15	256QAM	36	39	17.74	17.92	17.69		
15	256QAM	75	0	17.77	17.78	17.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.87	22.86	22.65	24	0
10	QPSK	1	25	22.76	22.83	22.55		
10	QPSK	1	49	22.91	22.78	22.52		
10	QPSK	25	0	21.72	21.81	21.76	23	1
10	QPSK	25	12	21.71	21.61	21.83		
10	QPSK	25	25	21.85	21.85	21.82		
10	QPSK	50	0	21.79	21.82	21.65		
10	16QAM	1	0	22.01	21.98	21.97	23	1
10	16QAM	1	25	21.97	22.11	22.04		
10	16QAM	1	49	22.05	22.01	22.12		
10	16QAM	25	0	20.91	20.86	20.88	22	2
10	16QAM	25	12	20.77	20.73	20.78		
10	16QAM	25	25	20.95	20.78	20.82		
10	16QAM	50	0	20.82	20.78	20.85		
10	64QAM	1	0	20.87	20.97	20.82	22	2
10	64QAM	1	25	20.83	21.04	21.03		
10	64QAM	1	49	20.93	20.88	20.90		
10	64QAM	25	0	19.93	19.82	19.80	21	3
10	64QAM	25	12	19.74	19.78	19.76		
10	64QAM	25	25	19.97	19.93	19.78		
10	64QAM	50	0	19.77	19.84	19.78		
10	256QAM	1	0	17.91	17.85	17.75	19	5
10	256QAM	1	25	17.83	17.91	17.99		
10	256QAM	1	49	17.89	17.81	17.89		
10	256QAM	25	0	17.90	17.80	17.79	19	5
10	256QAM	25	12	17.83	17.83	17.96		
10	256QAM	25	25	17.75	17.93	17.69		
10	256QAM	50	0	17.80	17.81	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	22.92	22.65	24	0
5	QPSK	1	12	22.73	22.78	22.52		
5	QPSK	1	24	22.85	22.69	22.58		
5	QPSK	12	0	21.67	21.89	21.70	23	1
5	QPSK	12	7	21.73	21.61	21.86		
5	QPSK	12	13	21.78	21.81	21.76		
5	QPSK	25	0	21.79	21.82	21.70		
5	16QAM	1	0	22.00	21.94	22.01	23	1
5	16QAM	1	12	21.92	22.04	22.03		
5	16QAM	1	24	22.08	22.01	22.08		
5	16QAM	12	0	20.97	20.79	20.88	22	2
5	16QAM	12	7	20.77	20.71	20.72		
5	16QAM	12	13	20.93	20.77	20.86		
5	16QAM	25	0	20.84	20.82	20.76		
5	64QAM	1	0	20.87	20.91	20.85	22	2
5	64QAM	1	12	20.86	21.03	21.06		
5	64QAM	1	24	20.98	20.86	20.87		
5	64QAM	12	0	19.88	19.84	19.79	21	3
5	64QAM	12	7	19.80	19.77	19.68		
5	64QAM	12	13	19.97	19.94	19.71		
5	64QAM	25	0	19.82	19.83	19.72		
5	256QAM	1	0	17.95	17.84	17.70	19	5
5	256QAM	1	12	17.81	17.90	17.97		
5	256QAM	1	24	17.81	17.88	17.90		
5	256QAM	12	0	17.83	17.78	17.80	19	5
5	256QAM	12	7	17.86	17.84	17.96		
5	256QAM	12	13	17.74	17.90	17.63		
5	256QAM	25	0	17.79	17.80	17.86		

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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	23.01	22.97	23.05	22.88	22.79	24	0
20	QPSK	1	49	22.81	22.88	22.95	22.82	22.98		
20	QPSK	1	99	22.92	22.98	22.80	22.82	22.80		
20	QPSK	50	0	21.97	21.93	22.09	21.89	22.02	23	1
20	QPSK	50	24	22.01	21.94	22.03	21.87	22.06		
20	QPSK	50	50	21.87	22.08	21.96	21.86	22.05		
20	QPSK	100	0	21.98	21.93	22.00	21.83	21.80		
20	16QAM	1	0	22.05	21.98	22.10	22.09	22.22	23	1
20	16QAM	1	49	22.08	22.09	22.16	22.18	22.17		
20	16QAM	1	99	22.02	22.16	22.18	22.21	22.21		
20	16QAM	50	0	21.20	21.17	21.11	21.23	21.08	22	2
20	16QAM	50	24	21.24	21.20	21.11	21.10	21.22		
20	16QAM	50	50	21.01	21.21	21.06	21.03	20.99		
20	16QAM	100	0	21.17	21.10	21.06	21.14	21.19		
20	64QAM	1	0	20.71	20.87	20.79	20.90	20.89	22	2
20	64QAM	1	49	20.83	20.70	20.85	20.75	20.76		
20	64QAM	1	99	20.78	20.80	20.90	20.68	20.75		
20	64QAM	50	0	19.99	20.20	20.11	20.08	20.01	21	3
20	64QAM	50	24	20.13	20.16	20.17	20.02	20.08		
20	64QAM	50	50	20.07	20.05	20.13	20.05	20.00		
20	64QAM	100	0	20.01	19.98	20.02	20.02	20.15		
20	256QAM	1	0	17.92	17.97	17.94	18.05	17.91	19	5
20	256QAM	1	49	17.84	17.97	18.00	17.92	17.85		
20	256QAM	1	99	17.87	18.03	17.90	18.03	17.90		
20	256QAM	50	0	18.25	18.06	18.13	18.25	18.16	19	5
20	256QAM	50	24	18.06	18.14	18.15	18.20	18.22		
20	256QAM	50	50	18.12	18.24	18.21	18.24	18.15		
20	256QAM	100	0	17.96	17.98	18.03	17.98	17.96		
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	22.91	22.90	22.93	22.78	22.72	24	0
15	QPSK	1	37	22.78	22.82	22.90	22.71	22.90		
15	QPSK	1	74	22.84	22.94	22.68	22.78	22.76		
15	QPSK	36	0	21.85	21.81	22.05	21.85	21.94	23	1
15	QPSK	36	20	21.98	21.91	21.94	21.76	22.03		
15	QPSK	36	39	21.78	22.03	21.91	21.79	21.99		
15	QPSK	75	0	21.94	21.88	21.93	21.78	21.70		
15	16QAM	1	0	22.02	21.87	22.02	22.04	22.10	23	1
15	16QAM	1	37	21.99	22.02	22.09	22.09	22.13		
15	16QAM	1	74	21.91	22.11	22.14	22.10	22.15		
15	16QAM	36	0	21.09	21.07	21.04	21.11	20.98	22	2
15	16QAM	36	20	21.16	21.07	21.04	20.97	21.15		
15	16QAM	36	39	20.96	21.09	20.96	20.93	20.91		
15	16QAM	75	0	21.09	20.97	20.96	21.01	21.08		
15	64QAM	1	0	20.61	20.78	20.73	20.79	20.81	22	2
15	64QAM	1	37	20.76	20.57	20.75	20.69	20.72		
15	64QAM	1	74	20.75	20.69	20.77	20.64	20.71		
15	64QAM	36	0	19.88	20.11	20.04	19.98	19.89	21	3
15	64QAM	36	20	20.02	20.12	20.10	19.90	19.96		
15	64QAM	36	39	20.01	19.93	20.07	19.96	19.93		
15	64QAM	75	0	19.89	19.94	19.96	19.90	20.06		
15	256QAM	1	0	17.80	17.87	17.91	18.01	17.86	19	5
15	256QAM	1	37	17.75	17.87	17.91	17.85	17.77		
15	256QAM	1	74	17.76	17.98	17.79	17.90	17.78		
15	256QAM	36	0	18.16	17.93	18.02	18.13	18.12	19	5
15	256QAM	36	20	17.94	18.09	18.04	18.13	18.10		
15	256QAM	36	39	17.99	18.19	18.17	18.14	18.11		
15	256QAM	75	0	17.88	17.94	18.00	17.86	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	22.94	23.00	22.78	22.75	24	0
10	QPSK	1	25	22.68	22.77	22.86	22.78	22.93		
10	QPSK	1	49	22.82	22.93	22.74	22.71	22.68		
10	QPSK	25	0	21.88	21.88	22.03	21.79	21.91	23	1
10	QPSK	25	12	21.97	21.91	21.99	21.79	21.99		
10	QPSK	25	25	21.76	22.01	21.87	21.79	21.97		
10	QPSK	50	0	21.92	21.83	21.93	21.77	21.69		
10	16QAM	1	0	22.00	21.94	21.98	22.03	22.17	23	1
10	16QAM	1	25	21.97	22.03	22.05	22.09	22.11		
10	16QAM	1	49	21.97	22.12	22.08	22.15	22.09		
10	16QAM	25	0	21.13	21.13	21.05	21.13	21.02	22	2
10	16QAM	25	12	21.16	21.15	21.00	21.00	21.15		
10	16QAM	25	25	20.92	21.13	20.94	20.92	20.86		
10	16QAM	50	0	21.10	21.02	20.98	21.01	21.13		
10	64QAM	1	0	20.59	20.75	20.74	20.84	20.79	22	2
10	64QAM	1	25	20.79	20.61	20.80	20.63	20.66		
10	64QAM	1	49	20.66	20.71	20.80	20.60	20.71		
10	64QAM	25	0	19.90	20.13	19.99	20.02	19.91	21	3
10	64QAM	25	12	20.04	20.04	20.07	19.91	19.97		
10	64QAM	25	25	20.01	19.98	20.03	20.01	19.90		
10	64QAM	50	0	19.97	19.87	19.96	19.96	20.03		
10	256QAM	1	0	17.88	17.86	17.91	18.01	17.79	19	5
10	256QAM	1	25	17.78	17.90	17.92	17.83	17.81		
10	256QAM	1	49	17.81	17.96	17.78	17.91	17.79		
10	256QAM	25	0	18.17	17.93	18.03	18.19	18.11	19	5
10	256QAM	25	12	17.97	18.01	18.04	18.09	18.18		
10	256QAM	25	25	18.07	18.11	18.10	18.16	18.04		
10	256QAM	50	0	17.92	17.90	17.92	17.90	17.83		
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	22.96	22.86	22.98	22.82	22.72	24	0
5	QPSK	1	12	22.77	22.85	22.82	22.71	22.88		
5	QPSK	1	24	22.83	22.90	22.69	22.73	22.72		
5	QPSK	12	0	21.86	21.85	21.96	21.86	21.93	23	1
5	QPSK	12	7	21.90	21.84	21.98	21.76	21.98		
5	QPSK	12	13	21.81	22.01	21.84	21.80	22.00		
5	QPSK	25	0	21.91	21.83	21.91	21.76	21.73		
5	16QAM	1	0	21.97	21.87	22.07	22.04	22.11	23	1
5	16QAM	1	12	21.99	22.04	22.08	22.07	22.04		
5	16QAM	1	24	21.93	22.10	22.05	22.10	22.15		
5	16QAM	12	0	21.14	21.05	21.07	21.11	20.96	22	2
5	16QAM	12	7	21.13	21.09	21.07	21.01	21.14		
5	16QAM	12	13	20.94	21.14	21.03	20.94	20.90		
5	16QAM	25	0	21.09	21.01	20.96	21.08	21.07		
5	64QAM	1	0	20.67	20.84	20.76	20.82	20.84	22	2
5	64QAM	1	12	20.76	20.63	20.74	20.66	20.66		
5	64QAM	1	24	20.74	20.73	20.77	20.57	20.65		
5	64QAM	12	0	19.92	20.11	20.04	19.96	19.90	21	3
5	64QAM	12	7	20.04	20.09	20.06	19.98	20.04		
5	64QAM	12	13	19.98	19.98	20.07	19.98	19.87		
5	64QAM	25	0	19.97	19.91	19.97	19.96	20.06		
5	256QAM	1	0	17.83	17.91	17.85	17.92	17.80	19	5
5	256QAM	1	12	17.72	17.93	17.90	17.82	17.77		
5	256QAM	1	24	17.82	17.94	17.80	17.99	17.86		
5	256QAM	12	0	18.22	17.98	18.04	18.16	18.07	19	5
5	256QAM	12	7	17.95	18.02	18.06	18.08	18.16		
5	256QAM	12	13	18.05	18.15	18.16	18.21	18.06		
5	256QAM	25	0	17.89	17.93	17.94	17.90	17.89		

Band 41 HPUE Ant2

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	26.06	26.01	26.11	25.88	25.79	27	0
20	QPSK	1	49	25.81	26.04	26.09	25.73	25.86		
20	QPSK	1	99	25.91	25.94	25.99	25.85	25.94		
20	QPSK	50	0	25.03	24.91	25.07	25.04	25.02	26	1
20	QPSK	50	24	24.97	24.92	25.01	25.01	24.81		
20	QPSK	50	50	24.91	24.93	24.93	24.94	25.06		
20	QPSK	100	0	25.00	24.96	25.01	24.96	24.91		
20	16QAM	1	0	25.21	25.33	25.33	25.30	25.33	26	1
20	16QAM	1	49	25.29	25.23	25.35	25.46	25.40		
20	16QAM	1	99	25.29	25.30	25.36	25.41	25.33		
20	16QAM	50	0	24.17	24.15	24.08	23.98	24.02	25	2
20	16QAM	50	24	23.96	24.06	24.00	24.11	24.20		
20	16QAM	50	50	24.19	24.11	24.20	24.09	24.03		
20	16QAM	100	0	24.04	23.96	24.04	24.04	24.10		
20	64QAM	1	0	23.99	24.02	24.07	24.20	24.00	25	2
20	64QAM	1	49	24.17	24.18	24.20	24.19	24.10		
20	64QAM	1	99	24.00	24.10	24.06	24.12	23.95		
20	64QAM	50	0	23.03	23.05	23.12	23.21	23.19	24	3
20	64QAM	50	24	23.19	23.01	23.17	23.16	23.23		
20	64QAM	50	50	23.18	23.07	23.03	22.99	23.13		
20	64QAM	100	0	22.99	22.97	23.05	22.93	22.95		
20	256QAM	1	0	21.13	20.98	21.11	21.07	21.05	22	5
20	256QAM	1	49	21.13	21.00	21.09	21.20	21.08		
20	256QAM	1	99	21.11	21.09	21.13	21.16	21.04		
20	256QAM	50	0	21.21	21.24	21.14	21.25	21.08	22	5
20	256QAM	50	24	21.07	21.11	21.25	21.22	21.12		
20	256QAM	50	50	21.06	21.08	21.09	21.13	21.26		
20	256QAM	100	0	21.09	20.94	21.04	21.06	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	25.95	25.89	26.02	25.76	25.72	27	0
15	QPSK	1	37	25.71	25.97	26.05	25.69	25.79		
15	QPSK	1	74	25.86	25.84	25.92	25.78	25.85		
15	QPSK	36	0	24.91	24.80	24.98	25.00	24.92	26	1
15	QPSK	36	20	24.86	24.85	24.94	24.94	24.68		
15	QPSK	36	39	24.83	24.86	24.86	24.84	25.01		
15	QPSK	75	0	24.93	24.93	24.96	24.85	24.86		
15	16QAM	1	0	25.12	25.29	25.20	25.19	25.21	26	1
15	16QAM	1	37	25.22	25.11	25.22	25.34	25.29		
15	16QAM	1	74	25.19	25.20	25.29	25.37	25.27		
15	16QAM	36	0	24.13	24.07	24.03	23.92	23.98	25	2
15	16QAM	36	20	23.88	23.96	23.92	23.98	24.16		
15	16QAM	36	39	24.14	24.05	24.11	24.05	23.97		
15	16QAM	75	0	24.00	23.89	23.94	24.01	23.99		
15	64QAM	1	0	23.96	23.90	23.97	24.08	23.91	25	2
15	64QAM	1	37	24.12	24.08	24.16	24.10	23.97		
15	64QAM	1	74	23.95	24.04	23.94	24.04	23.86		
15	64QAM	36	0	22.96	22.96	23.00	23.16	23.10	24	3
15	64QAM	36	20	23.08	22.93	23.11	23.10	23.18		
15	64QAM	36	39	23.08	22.99	22.99	22.94	23.01		
15	64QAM	75	0	22.90	22.93	22.98	22.86	22.90		
15	256QAM	1	0	21.04	20.93	21.03	20.96	20.94	22	5
15	256QAM	1	37	21.04	20.88	21.05	21.12	20.97		
15	256QAM	1	74	20.99	21.00	21.07	21.06	20.95		
15	256QAM	36	0	21.15	21.20	21.04	21.19	21.03	22	5
15	256QAM	36	20	20.95	21.05	21.21	21.16	21.09		
15	256QAM	36	39	20.99	21.02	21.00	21.01	21.20		
15	256QAM	75	0	21.01	20.85	20.96	20.96	20.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.96	25.95	26.04	25.81	25.76	27	0
10	QPSK	1	25	25.73	25.98	26.01	25.61	25.75		
10	QPSK	1	49	25.87	25.87	25.90	25.76	25.85		
10	QPSK	25	0	24.91	24.78	24.94	24.98	24.92	26	1
10	QPSK	25	12	24.93	24.84	24.92	24.95	24.75		
10	QPSK	25	25	24.85	24.89	24.81	24.84	24.99		
10	QPSK	50	0	24.92	24.87	24.88	24.90	24.80		
10	16QAM	1	0	25.10	25.23	25.28	25.27	25.28	26	1
10	16QAM	1	25	25.26	25.13	25.30	25.34	25.36		
10	16QAM	1	49	25.23	25.22	25.32	25.33	25.21		
10	16QAM	25	0	24.07	24.04	24.05	23.90	23.99	25	2
10	16QAM	25	12	23.87	24.00	23.92	24.06	24.13		
10	16QAM	25	25	24.15	23.99	24.15	23.97	23.93		
10	16QAM	50	0	23.98	23.87	23.97	23.94	23.99		
10	64QAM	1	0	23.91	23.92	23.94	24.14	23.93	25	2
10	64QAM	1	25	24.12	24.09	24.16	24.15	23.99		
10	64QAM	1	49	23.94	23.98	23.99	24.02	23.90		
10	64QAM	25	0	22.98	23.01	23.04	23.18	23.15	24	3
10	64QAM	25	12	23.10	22.91	23.13	23.05	23.14		
10	64QAM	25	25	23.08	22.96	22.99	22.86	23.04		
10	64QAM	50	0	22.91	22.85	23.00	22.81	22.86		
10	256QAM	1	0	21.01	20.94	21.04	20.96	20.95	22	5
10	256QAM	1	25	21.06	20.88	20.96	21.13	20.99		
10	256QAM	1	49	21.00	21.01	21.07	21.10	20.94		
10	256QAM	25	0	21.08	21.15	21.02	21.19	20.99	22	5
10	256QAM	25	12	21.01	20.99	21.15	21.13	21.03		
10	256QAM	25	25	21.02	21.01	20.96	21.10	21.15		
10	256QAM	50	0	21.06	20.88	20.99	20.97	21.00		
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	25.99	25.93	25.99	25.80	25.71	27	0
5	QPSK	1	12	25.77	25.92	26.02	25.69	25.83		
5	QPSK	1	24	25.79	25.87	25.86	25.81	25.84		
5	QPSK	12	0	24.94	24.83	25.03	24.96	24.91	26	1
5	QPSK	12	7	24.84	24.86	24.90	24.90	24.72		
5	QPSK	12	13	24.83	24.86	24.84	24.87	24.97		
5	QPSK	25	0	24.91	24.92	24.97	24.89	24.83		
5	16QAM	1	0	25.09	25.22	25.28	25.20	25.28	26	1
5	16QAM	1	12	25.18	25.16	25.27	25.38	25.31		
5	16QAM	1	24	25.22	25.20	25.30	25.32	25.26		
5	16QAM	12	0	24.14	24.05	23.99	23.91	23.92	25	2
5	16QAM	12	7	23.92	23.96	23.91	24.05	24.08		
5	16QAM	12	13	24.14	24.01	24.10	24.00	23.96		
5	16QAM	25	0	23.95	23.92	23.94	24.00	24.04		
5	64QAM	1	0	23.88	23.95	23.98	24.13	23.88	25	2
5	64QAM	1	12	24.11	24.09	24.11	24.13	24.05		
5	64QAM	1	24	23.95	24.05	24.00	23.99	23.86		
5	64QAM	12	0	22.91	23.00	23.02	23.13	23.12	24	3
5	64QAM	12	7	23.13	22.89	23.09	23.13	23.18		
5	64QAM	12	13	23.07	22.99	22.98	22.90	23.08		
5	64QAM	25	0	22.93	22.92	23.01	22.84	22.91		
5	256QAM	1	0	21.10	20.94	21.02	20.99	20.98	22	5
5	256QAM	1	12	21.01	20.94	21.01	21.08	20.98		
5	256QAM	1	24	21.01	21.01	21.01	21.09	20.92		
5	256QAM	12	0	21.15	21.17	21.02	21.16	20.96	22	5
5	256QAM	12	7	20.98	21.03	21.17	21.17	21.00		
5	256QAM	12	13	21.00	20.99	21.05	21.06	21.15		
5	256QAM	25	0	21.04	20.90	20.93	21.03	20.99		

GSM1900 Ant9	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	29.69	29.82	29.71	30.50	20.69	20.82	20.71	21.50
GPRS 1 Tx slot	29.67	29.76	29.70	30.50	20.67	20.76	20.70	21.50
GPRS 2 Tx slots	26.74	26.77	26.63	27.50	20.74	20.77	20.63	21.50
GPRS 3 Tx slots	24.91	25.02	24.98	26.00	20.65	20.76	20.72	21.74
GPRS 4 Tx slots	23.80	23.87	23.85	25.00	20.80	20.87	20.85	22.00
EDGE 1 Tx slot	25.90	26.01	25.91	27.00	16.90	17.01	16.91	18.00
EDGE 2 Tx slots	24.68	24.74	24.63	25.50	18.68	18.74	18.63	19.50
EDGE 3 Tx slots	22.05	22.14	22.12	23.00	17.79	17.88	17.86	18.74
EDGE 4 Tx slots	20.48	20.61	20.57	21.50	17.48	17.61	17.57	18.50

Band		WCDMA II Ant9			Tune-up Limit (dBm)	WCDMA IV Ant9			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	19.83	19.85	19.80	21.00	22.23	22.29	22.25	23.00
3GPP Rel 99	RMC 12.2Kbps	19.84	19.86	19.81	21.00	22.31	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	18.91	18.75	18.56	20.00	21.32	21.29	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	18.75	18.73	18.66	20.00	21.25	21.23	21.01	22.00
3GPP Rel 6	HSDPA Subtest-3	18.13	18.07	18.00	19.50	20.71	20.67	20.44	21.50
3GPP Rel 6	HSDPA Subtest-4	18.13	18.17	18.19	19.50	20.58	20.61	20.66	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.55	18.77	18.61	20.00	21.07	21.26	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.73	18.79	18.78	20.00	21.10	21.33	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.16	18.22	18.14	19.50	20.75	20.67	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.27	18.14	18.29	19.50	20.65	20.71	20.75	21.50
3GPP Rel 6	HSUPA Subtest-1	18.78	18.71	18.74	20.00	21.17	21.13	21.29	22.00
3GPP Rel 6	HSUPA Subtest-2	16.54	16.66	16.70	18.00	19.05	19.16	19.09	20.00
3GPP Rel 6	HSUPA Subtest-3	17.81	17.89	17.65	19.00	20.37	20.37	20.03	21.00
3GPP Rel 6	HSUPA Subtest-4	16.73	16.85	16.59	18.00	19.32	19.26	19.09	20.00
3GPP Rel 6	HSUPA Subtest-5	18.88	18.88	18.55	20.00	21.32	21.34	20.98	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.35	16.44	16.32	17.50	18.75	18.83	18.70	19.50

Band 2 Ant9

BW [MHz]	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	19.41	19.49	19.47		
20	QPSK	1	49	19.29	19.47	19.36	20.8	0
20	QPSK	1	99	19.27	19.29	19.26		
20	QPSK	50	0	19.42	19.46	19.31		
20	QPSK	50	24	19.39	19.29	19.29	20.8	0
20	QPSK	50	50	19.45	19.27	19.22		
20	QPSK	100	0	19.42	19.43	19.30		
20	16QAM	1	0	19.47	19.39	19.47		
20	16QAM	1	49	19.22	19.43	19.40	20.8	0
20	16QAM	1	99	19.38	19.21	19.32		
20	16QAM	50	0	19.22	19.40	19.22		
20	16QAM	50	24	19.34	19.33	19.45	20.8	0
20	16QAM	50	50	19.45	19.29	19.30		
20	16QAM	100	0	19.32	19.22	19.32		
20	64QAM	1	0	19.38	19.25	19.38		
20	64QAM	1	49	19.41	19.25	19.24	20.8	0
20	64QAM	1	99	19.28	19.45	19.38		
20	64QAM	50	0	19.30	19.22	19.46		
20	64QAM	50	24	19.46	19.31	19.29	20.8	0
20	64QAM	50	50	19.42	19.22	19.47		
20	64QAM	100	0	19.27	19.25	19.37		
20	256QAM	1	0	17.78	17.87	17.84		
20	256QAM	1	49	17.89	17.83	17.82	19.3	1.5
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62		
20	256QAM	50	24	17.84	17.87	17.63	19.3	1.5
20	256QAM	50	50	17.73	17.71	17.87		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.32	19.28	19.42		
15	QPSK	1	37	19.14	19.42	19.19	20.8	0
15	QPSK	1	74	19.19	19.20	19.19		
15	QPSK	36	0	19.36	19.38	19.18		
15	QPSK	36	20	19.32	19.15	19.13	20.8	0
15	QPSK	36	39	19.38	19.05	19.19		
15	QPSK	75	0	19.24	19.31	19.21		
15	16QAM	1	0	19.36	19.20	19.30		
15	16QAM	1	37	19.09	19.25	19.19	20.8	0
15	16QAM	1	74	19.19	19.11	19.27		
15	16QAM	36	0	19.17	19.38	19.11		
15	16QAM	36	20	19.31	19.26	19.43	20.8	0
15	16QAM	36	39	19.39	19.26	19.09		
15	16QAM	75	0	19.28	19.17	19.14		
15	64QAM	1	0	19.28	19.04	19.27		
15	64QAM	1	37	19.33	19.06	19.18	20.8	0
15	64QAM	1	74	19.12	19.41	19.31		
15	64QAM	36	0	19.25	19.18	19.30		
15	64QAM	36	20	19.34	19.28	19.10	20.8	0
15	64QAM	36	39	19.31	19.19	19.33		
15	64QAM	75	0	19.18	19.14	19.15		
15	256QAM	1	0	17.67	17.82	17.81		
15	256QAM	1	37	17.83	17.79	17.74	19.3	1.5
15	256QAM	1	74	17.75	17.72	17.64		
15	256QAM	36	0	17.81	17.68	17.50		
15	256QAM	36	20	17.79	17.81	17.56	19.3	1.5
15	256QAM	36	39	17.67	17.64	17.83		
15	256QAM	75	0	17.81	17.73	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.37	19.32	19.36		
10	QPSK	1	25	19.16	19.30	19.18	20.8	0
10	QPSK	1	49	19.17	19.22	19.18		
10	QPSK	25	0	19.26	19.37	19.13		
10	QPSK	25	12	19.30	19.21	19.11	20.8	0
10	QPSK	25	25	19.27	19.16	19.09		
10	QPSK	50	0	19.20	19.35	19.20		
10	16QAM	1	0	19.33	19.35	19.37		
10	16QAM	1	25	19.12	19.35	19.37	20.8	0
10	16QAM	1	49	19.31	19.16	19.16		
10	16QAM	25	0	19.07	19.19	19.17		
10	16QAM	25	12	19.25	19.19	19.24	20.8	0
10	16QAM	25	25	19.28	19.09	19.27		
10	16QAM	50	0	19.27	19.16	19.27		
10	64QAM	1	0	19.20	19.05	19.35		
10	64QAM	1	25	19.30	19.17	19.22	20.8	0
10	64QAM	1	49	19.22	19.26	19.30		
10	64QAM	25	0	19.23	19.11	19.31		
10	64QAM	25	12	19.41	19.11	19.14	20.8	0
10	64QAM	25	25	19.40	19.17	19.43		
10	64QAM	50	0	19.24	19.04	19.30		
10	256QAM	1	0	17.73	17.79	17.80		
10	256QAM	1	25	17.83	17.77	17.78	19.3	1.5
10	256QAM	1	49	17.77	17.67	17.69		
10	256QAM	25	0	17.73	17.66	17.55		
10	256QAM	25	12	17.74	17.81	17.56	19.3	1.5
10	256QAM	25	25	17.66	17.63	17.82		
10	256QAM	50	0	17.82	17.72	17.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.29	19.31	19.40		
5	QPSK	1	12	19.09	19.28	19.18	20.8	0
5	QPSK	1	24	19.08	19.15	19.16		
5	QPSK	12	0	19.35	19.31	19.14		
5	QPSK	12	7	19.19	19.14	19.16	20.8	0
5	QPSK	12	13	19.43	19.21	19.02		
5	QPSK	25	0	19.34	19.31	19.10		
5	16QAM	1	0	19.29	19.35	19.35		
5	16QAM	1	12	19.01	19.30	19.27	20.8	0
5	16QAM	1	24	19.22	19.18	19.30		
5	16QAM	12	0	19.06	19.34	19.01		
5	16QAM	12	7	19.22	19.23	19.40	20.8	0
5	16QAM	12	13	19.36	19.13	19.15		
5	16QAM	25	0	19.28	19.04	19.24		
5	64QAM	1	0	19.26	19.04	19.29		
5	64QAM	1	12	19.22	19.11	19.04	20.8	0
5	64QAM	1	24	19.10	19.24	19.23		
5	64QAM	12	0	19.26	19.17	19.33		
5	64QAM	12	7	19.43	19.20	19.24	20.8	0
5	64QAM	12	13	19.25	19.03	19.32		
5	64QAM	25	0	19.05	19.15	19.28		
5	256QAM	1	0	17.68	17.83	17.73		
5	256QAM	1	12	17.78	17.71	17.75	19.3	1.5
5	256QAM	1	24	17.75	17.71	17.65		
5	256QAM	12	0	17.74	17.63	17.54		
5	256QAM	12	7	17.73	17.83	17.58	19.3	1.5
5	256QAM	12	13	17.67	17.63	17.74		
5	256QAM	25	0	17.79	17.73	17.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.33	19.41	19.30		
3	QPSK	1	8	19.25	19.27	19.31	20.8	0
3	QPSK	1	14	19.08	19.23	19.11		
3	QPSK	8	0	19.34	19.26	19.21		
3	QPSK	8	4	19.25	19.09	19.21	20.8	0
3	QPSK	8	7	19.34	19.21	19.17		
3	QPSK	15	0	19.24	19.41	19.16		
3	16QAM	1	0	19.34	19.29	19.35		
3	16QAM	1	8	19.19	19.31	19.19	20.8	0
3	16QAM	1	14	19.33	19.07	19.10		
3	16QAM	8	0	19.13	19.33	19.02		
3	16QAM	8	4	19.23	19.27	19.30	20.8	0
3	16QAM	8	7	19.34	19.20	19.10		
3	16QAM	15	0	19.14	19.13	19.20		
3	64QAM	1	0	19.28	19.11	19.22		
3	64QAM	1	8	19.26	19.04	19.21	20.8	0
3	64QAM	1	14	19.16	19.30	19.33		
3	64QAM	8	0	19.18	19.17	19.37		
3	64QAM	8	4	19.30	19.18	19.17	20.8	0
3	64QAM	8	7	19.32	19.03	19.45		
3	64QAM	15	0	19.07	19.05	19.35		
3	256QAM	1	0	17.74	17.83	17.77		
3	256QAM	1	8	17.85	17.80	17.73	19.3	1.5
3	256QAM	1	14	17.76	17.70	17.70		
3	256QAM	8	0	17.80	17.64	17.51		
3	256QAM	8	4	17.74	17.81	17.52	19.3	1.5
3	256QAM	8	7	17.70	17.65	17.84		
3	256QAM	15	0	17.78	17.68	17.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.33	19.43	19.36		
1.4	QPSK	1	3	19.27	19.41	19.33		
1.4	QPSK	1	5	19.20	19.11	19.12	20.8	0
1.4	QPSK	3	0	19.25	19.43	19.28		
1.4	QPSK	3	1	19.28	19.12	19.13		
1.4	QPSK	3	3	19.30	19.23	19.16		
1.4	QPSK	6	0	19.25	19.32	19.19	20.8	0
1.4	16QAM	1	0	19.36	19.33	19.38		
1.4	16QAM	1	3	19.13	19.24	19.23		
1.4	16QAM	1	5	19.16	19.17	19.15	20.8	0
1.4	16QAM	3	0	19.07	19.36	19.01		
1.4	16QAM	3	1	19.24	19.19	19.40		
1.4	16QAM	3	3	19.29	19.23	19.16		
1.4	16QAM	6	0	19.20	19.17	19.11	20.8	0
1.4	64QAM	1	0	19.31	19.22	19.29		
1.4	64QAM	1	3	19.32	19.14	19.10	20.8	0
1.4	64QAM	1	5	19.16	19.24	19.18		
1.4	64QAM	3	0	19.09	19.04	19.35		
1.4	64QAM	3	1	19.25	19.15	19.24		
1.4	64QAM	3	3	19.40	19.18	19.26		
1.4	64QAM	6	0	19.18	19.18	19.26	20.8	0
1.4	256QAM	1	0	17.72	17.77	17.74		
1.4	256QAM	1	3	17.84	17.73	17.76		
1.4	256QAM	1	5	17.78	17.72	17.64	19.3	1.5
1.4	256QAM	3	0	17.80	17.66	17.51		
1.4	256QAM	3	1	17.72	17.77	17.59		
1.4	256QAM	3	3	17.68	17.62	17.84		
1.4	256QAM	6	0	17.80	17.72	17.61	19.3	1.5

Band 4 Ant9

BW [MHz]	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	22.09	22.13	22.03		
20	QPSK	1	49	21.89	21.96	22.01	23.7	0
20	QPSK	1	99	21.91	22.01	22.06		
20	QPSK	50	0	21.94	22.11	22.08		
20	QPSK	50	24	22.10	22.04	22.06	23.7	0
20	QPSK	50	50	21.86	21.90	22.07		
20	QPSK	100	0	21.99	22.06	22.05		
20	16QAM	1	0	21.91	21.90	22.08		
20	16QAM	1	49	21.87	21.97	21.89	23.7	0
20	16QAM	1	99	22.11	22.11	22.02		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22.7	1
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.24	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22.7	1
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.04	20.16	21.7	2
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19.7	4
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19.7	4
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.92	21.96	21.99		
15	QPSK	1	37	21.82	21.77	21.87	23.7	0
15	QPSK	1	74	21.75	21.95	21.92		
15	QPSK	36	0	21.91	22.06	21.97		
15	QPSK	36	20	21.89	21.83	22.00	23.7	0
15	QPSK	36	39	21.70	21.76	21.93		
15	QPSK	75	0	21.89	21.89	22.02		
15	16QAM	1	0	21.70	21.77	22.01		
15	16QAM	1	37	21.67	21.93	21.85	23.7	0
15	16QAM	1	74	21.90	21.91	21.90		
15	16QAM	36	0	20.65	20.74	20.59		
15	16QAM	36	20	20.83	20.63	20.71	22.7	1
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.65	20.64		
15	64QAM	1	0	20.76	20.94	20.84		
15	64QAM	1	37	20.99	20.99	20.89	22.7	1
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74		
15	64QAM	36	20	19.58	19.71	19.83	21.7	2
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77		
15	256QAM	1	37	17.80	17.76	17.77	19.7	4
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51		
15	256QAM	36	20	17.72	17.77	17.51	19.7	4
15	256QAM	36	39	17.69	17.63	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.04	22.04	21.91		
10	QPSK	1	25	21.76	21.82	21.91	23.7	0
10	QPSK	1	49	21.83	21.80	21.96		
10	QPSK	25	0	21.73	22.03	21.93		
10	QPSK	25	12	21.89	22.01	21.94	23.7	0
10	QPSK	25	25	21.77	21.79	21.95		
10	QPSK	50	0	21.97	22.00	21.87		
10	16QAM	1	0	21.75	21.73	22.04		
10	16QAM	1	25	21.66	21.79	21.84	23.7	0
10	16QAM	1	49	21.91	21.96	21.88		
10	16QAM	25	0	20.62	20.73	20.58		
10	16QAM	25	12	20.78	20.60	20.74	22.7	1
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.68	20.59		
10	64QAM	1	0	20.78	20.91	20.77		
10	64QAM	1	25	20.96	20.93	20.82	22.7	1
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76		
10	64QAM	25	12	19.66	19.75	19.79	21.7	2
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81		
10	256QAM	1	25	17.78	17.74	17.71	19.7	4
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55		
10	256QAM	25	12	17.78	17.76	17.59	19.7	4
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.97	21.92	21.84		
5	QPSK	1	12	21.87	21.85	21.93	23.7	0
5	QPSK	1	24	21.83	21.90	21.99		
5	QPSK	12	0	21.73	21.96	22.01		
5	QPSK	12	7	21.96	21.86	21.95	23.7	0
5	QPSK	12	13	21.70	21.82	21.88		
5	QPSK	25	0	21.77	22.00	22.01		
5	16QAM	1	0	21.81	21.74	21.94		
5	16QAM	1	12	21.74	21.84	21.69	23.7	0
5	16QAM	1	24	22.07	21.98	21.80		
5	16QAM	12	0	20.63	20.70	20.56		
5	16QAM	12	7	20.76	20.62	20.72	22.7	1
5	16QAM	12	13	20.80	20.75	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79		
5	64QAM	1	12	21.04	20.96	20.84	22.7	1
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74		
5	64QAM	12	7	19.61	19.68	19.85	21.7	2
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.76	19.76		
5	256QAM	1	0	17.74	17.82	17.75		
5	256QAM	1	12	17.82	17.77	17.70	19.7	4
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55		
5	256QAM	12	7	17.75	17.77	17.54	19.7	4
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.06	22.02	21.94		
3	QPSK	1	8	21.68	21.86	21.94	23.7	0
3	QPSK	1	14	21.88	21.87	21.98		
3	QPSK	8	0	21.75	22.00	22.00		
3	QPSK	8	4	22.01	21.89	22.04	23.7	0
3	QPSK	8	7	21.68	21.78	22.00		
3	QPSK	15	0	21.91	21.96	21.93		
3	16QAM	1	0	21.71	21.83	22.01		
3	16QAM	1	8	21.72	21.79	21.77	23.7	0
3	16QAM	1	14	21.91	22.03	21.89		
3	16QAM	8	0	20.61	20.67	20.66		
3	16QAM	8	4	20.78	20.60	20.73	22.7	1
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78		
3	64QAM	1	8	20.97	21.01	20.80	22.7	1
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75		
3	64QAM	8	4	19.61	19.71	19.83	21.7	2
3	64QAM	8	7	19.80	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78		
3	256QAM	1	8	17.83	17.80	17.76	19.7	4
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59		
3	256QAM	8	4	17.71	17.79	17.51	19.7	4
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.80	17.66	17.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.01	21.91	21.88		
1.4	QPSK	1	3	21.72	21.85	21.82		
1.4	QPSK	1	5	21.75	21.93	22.03	23.7	0
1.4	QPSK	3	0	21.76	22.01	21.98		
1.4	QPSK	3	1	21.89	21.85	21.93		
1.4	QPSK	3	3	21.74	21.82	21.93		
1.4	QPSK	6	0	21.93	21.96	21.90	23.7	0
1.4	16QAM	1	0	21.72	21.85	21.89		
1.4	16QAM	1	3	21.69	21.94	21.75		
1.4	16QAM	1	5	22.07	21.92	21.89	23.7	0
1.4	16QAM	3	0	22.01	22.03	21.88		
1.4	16QAM	3	1	21.80	21.80	21.91		
1.4	16QAM	3	3	21.85	21.84	21.98		
1.4	16QAM	6	0	20.74	20.63	20.50	22.7	1
1.4	64QAM	1	0	20.62	20.85	20.72		
1.4	64QAM	1	3	20.90	20.98	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71	22.7	1
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.86	20.89	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21.7	2
1.4	256QAM	1	0	17.66	17.69	17.63		
1.4	256QAM	1	3	17.73	17.61	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53	19.7	4
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	19.7	4

Band 7 Ant9

BW [MHz]	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	19.16	19.21	19.18		
20	QPSK	1	49	19.12	19.09	18.99	20.2	0
20	QPSK	1	99	19.04	19.12	19.15		
20	QPSK	50	0	19.07	19.19	19.13		
20	QPSK	50	24	19.18	19.17	19.11	20.2	0
20	QPSK	50	50	19.13	19.10	19.06		
20	QPSK	100	0	19.15	19.16	19.13		
20	16QAM	1	0	19.01	19.14	19.07		
20	16QAM

Band 25 Ant9

BW [MHz]	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	19.51	19.54	19.48		
20	QPSK	1	49	19.30	19.30	19.45	20.8	0
20	QPSK	1	99	19.26	19.47	19.38		
20	QPSK	50	0	19.44	19.50	19.30		
20	QPSK	50	24	19.44	19.39	19.36	20.8	0
20	QPSK	50	50	19.49	19.31	19.29		
20	QPSK	100	0	19.32	19.46	19.40		
20	16QAM	1	0	19.27	19.33	19.32		
20	16QAM	1	49	19.28	19.30	19.45	20.8	0
20	16QAM	1	99	19.42	19.51	19.50		
20	16QAM	50	0	19.27	19.44	19.43		
20	16QAM	50	24	19.38	19.44	19.43	20.8	0
20	16QAM	50	50	19.42	19.51	19.28		
20	16QAM	100	0	19.48	19.30	19.43		
20	64QAM	1	0	19.42	19.46	19.38		
20	64QAM	1	49	19.25	19.13	19.37	20.8	0
20	64QAM	1	99	19.16	19.32	19.27		
20	64QAM	50	0	19.32	19.42	19.22		
20	64QAM	50	24	19.28	19.31	19.23	20.8	0
20	64QAM	50	50	19.31	19.13	19.09		
20	64QAM	100	0	19.16	19.26	19.27		
20	256QAM	1	0	17.69	17.78	17.71		
20	256QAM	1	49	17.68	17.85	17.88	19.3	1.5
20	256QAM	1	99	17.80	17.88	17.78		
20	256QAM	50	0	17.75	17.81	17.77		
20	256QAM	50	24	17.85	17.70	17.76	19.3	1.5
20	256QAM	50	50	17.89	17.87	17.88		
20	256QAM	100	0	17.69	17.82	17.87		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.36	19.50	19.35		
15	QPSK	1	37	19.14	19.25	19.32	20.8	0
15	QPSK	1	74	19.21	19.35	19.33		
15	QPSK	36	0	19.23	19.36	19.27		
15	QPSK	36	20	19.25	19.27	19.16	20.8	0
15	QPSK	36	39	19.31	19.16	19.08		
15	QPSK	75	0	19.21	19.28	19.19		
15	16QAM	1	0	19.05	19.11	19.22		
15	16QAM	1	37	19.09	19.19	19.32	20.8	0
15	16QAM	1	74	19.36	19.45	19.32		
15	16QAM	36	0	19.15	19.29	19.25		
15	16QAM	36	20	19.25	19.36	19.41	20.8	0
15	16QAM	36	39	19.24	19.34	19.11		
15	16QAM	75	0	19.36	19.24	19.29		
15	64QAM	1	0	19.34	19.36	19.22		
15	64QAM	1	37	19.04	19.06	19.28	20.8	0
15	64QAM	1	74	19.03	19.25	19.07		
15	64QAM	36	0	19.14	19.28	19.02		
15	64QAM	36	20	19.16	19.26	19.10	20.8	0
15	64QAM	36	39	19.10	19.04	18.88		
15	64QAM	75	0	19.09	19.14	19.06		
15	256QAM	1	0	17.62	17.72	17.59		
15	256QAM	1	37	17.61	17.79	17.82	19.3	1.5
15	256QAM	1	74	17.72	17.83	17.66		
15	256QAM	36	0	17.67	17.73	17.66		
15	256QAM	36	20	17.80	17.65	17.69	19.3	1.5
15	256QAM	36	39	17.85	17.82	17.80		
15	256QAM	75	0	17.57	17.79	17.83		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.36	19.46	19.29		
10	QPSK	1	25	19.19	19.23	19.43	20.8	0
10	QPSK	1	49	19.09	19.25	19.28		
10	QPSK	25	0	19.33	19.40	19.18		
10	QPSK	25	12	19.40	19.26	19.25	20.8	0
10	QPSK	25	25	19.39	19.24	19.14		
10	QPSK	50	0	19.22	19.36	19.29		
10	16QAM	1	0	19.17	19.12	19.10		
10	16QAM	1	25	19.26	19.22	19.29	20.8	0
10	16QAM	1	49	19.29	19.31	19.45		
10	16QAM	25	0	19.21	19.36	19.22		
10	16QAM	25	12	19.27	19.33	19.37	20.8	0
10	16QAM	25	25	19.37	19.29	19.10		
10	16QAM	50	0	19.43	19.26	19.32		
10	64QAM	1	0	19.40	19.42	19.31		
10	64QAM	1	25	19.18	19.11	19.32	20.8	0
10	64QAM	1	49	19.13	19.15	19.21		
10	64QAM	25	0	19.24	19.37	19.04		
10	64QAM	25	12	19.11	19.21	19.07	20.8	0
10	64QAM	25	25	19.11	19.01	18.96		
10	64QAM	50	0	19.10	19.23	19.17		
10	256QAM	1	0	17.60	17.72	17.60		
10	256QAM	1	25	17.57	17.76	17.81	19.3	1.5
10	256QAM	1	49	17.76	17.81	17.67		
10	256QAM	25	0	17.69	17.75	17.71		
10	256QAM	25	12	17.74	17.63	17.72	19.3	1.5
10	256QAM	25	25	17.82	17.81	17.76		
10	256QAM	50	0	17.64	17.76	17.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.35	19.52	19.37		
5	QPSK	1	12	19.09	19.26	19.36	20.8	0
5	QPSK	1	24	19.06	19.43	19.33		
5	QPSK	12	0	19.23	19.31	19.08		
5	QPSK	12	7	19.33	19.32	19.30	20.8	0
5	QPSK	12	13	19.30	19.10	19.18		
5	QPSK	25	0	19.12	19.34	19.33		
5	16QAM	1	0	19.11	19.17	19.20		
5	16QAM	1	12	19.24	19.24	19.31	20.8	0
5	16QAM	1	24	19.20	19.39	19.47		
5	16QAM	12	0	19.24	19.31	19.29		
5	16QAM	12	7	19.19	19.39	19.37	20.8	0
5	16QAM	12	13	19.33	19.45	19.24		
5	16QAM	25	0	19.44	19.16	19.40		
5	64QAM	1	0	19.21	19.37	19.21		
5	64QAM	1	12	19.19	19.04	19.35	20.8	0
5	64QAM	1	24	19.02	19.27	19.24		
5	64QAM	12	0	19.16	19.29	19.20		
5	64QAM	12	7	19.21	19.20	19.05	20.8	0
5	64QAM	12	13	19.16	18.95	19.04		
5	64QAM	25	0	18.94	19.22	19.06		
5	256QAM	1	0	17.63	17.74	17.60		
5	256QAM	1	12	17.65	17.79	17.84	19.3	1.5
5	256QAM	1	24	17.71	17.84	17.71		
5	256QAM	12	0	17.62	17.68	17.74		
5	256QAM	12	7	17.77	17.62	17.71	19.3	1.5
5	256QAM	12	13	17.84	17.77	17.78		
5	256QAM	25	0	17.63	17.78	17.83		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.40	19.51	19.33		
3	QPSK	1	8	19.26	19.18	19.33	20.8	0
3	QPSK	1	14	19.22	19.35	19.34		
3	QPSK	8	0	19.26	19.37	19.08		
3	QPSK	8	4	19.24	19.22	19.15	20.8	0
3	QPSK	8	7	19.31	19.09	19.13		
3	QPSK	15	0	19.17	19.41	19.24		
3	16QAM	1	0	19.20	19.20	19.29		
3	16QAM	1	8	19.24	19.19	19.39	20.8	0
3	16QAM	1	14	19.23	19.36	19.39		
3	16QAM	8	0	19.13	19.23	19.32		
3	16QAM	8	4	19.35	19.40	19.40	20.8	0
3	16QAM	8	7	19.29	19.33	19.17		
3	16QAM	15	0	19.42	19.25	19.36		
3	64QAM	1	0	19.39	19.35	19.33		
3	64QAM	1	8	19.22	19.01	19.31	20.8	0
3	64QAM	1	14	19.05	19.16	19.24		
3	64QAM	8	0	19.17	19.38	19.14		
3	64QAM	8	4	19.14	19.27	19.04	20.8	0
3	64QAM	8	7	19.28	18.93	18.92		
3	64QAM	15	0	18.94	19.19	19.22		
3	256QAM	1	0	17.57	17.71	17.65		
3	256QAM	1	8	17.59	17.79	17.81	19.3	1.5
3	256QAM	1	14	17.71	17.84	17.69		
3	256QAM	8	0	17.63	17.76	17.68		
3	256QAM	8	4	17.82	17.64	17.72	19.3	1.5
3	256QAM	8	7	17.83	17.74	17.83		
3	256QAM	15	0	17.63	17.73	17.75		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.48	19.51	19.38		
1.4	QPSK	1	3	19.14	19.10	19.31		
1.4	QPSK	1	5	19.05	19.40	19.28	20.8	0
1.4	QPSK	3	0	19.37	19.37	19.16		
1.4	QPSK	3	1	19.33	19.26	19.20		
1.4	QPSK	3	3	19.43	19.12	19.08		
1.4	QPSK	6	0	19.10	19.39	19.22	20.8	0
1.4	16QAM	1	0	19.19	19.15	19.30		
1.4	16QAM	1	3	19.13	19.12	19.41		
1.4	16QAM	1	5	19.38	19.41	19.31	20.8	0
1.4	16QAM	3	0	19.15	19.25	19.39		
1.4	16QAM	3	1	19.20	19.40	19.29		
1.4	16QAM	3	3	19.31	19.32	19.11		
1.4	16QAM	6	0	19.44	19.28	19.23	20.8	0
1.4	64QAM	1	0	19.39	19.29	19.24		
1.4	64QAM	1	3	19.14	19.11	19.15		
1.4	64QAM	1	5	19.07	19.23	19.12	20.8	0
1.4	64QAM	3	0	19.20	19.38	19.07		
1.4	64QAM	3	1	19.06	19.27	19.10		
1.4	64QAM	3	3	19.09	18.99	18.95		
1.4	64QAM	6	0	19.01	19.13	19.21	20.8	0
1.4	256QAM	1	0	17.59	17.69	17.69		
1.4	256QAM	1	3	17.77	17.60	17.63		
1.4	256QAM	1	5	17.74	17.62	17.52	19.3	1.5
1.4	256QAM	3	0	17.74	17.53	17.45		
1.4	256QAM	3	1	17.65	17.72	17.55		
1.4	256QAM	3	3	17.62	17.50	17.75		
1.4	256QAM	6	0	17.77	17.69	17.56	19.3	1.5

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.15	22.19	22.16		
20	QPSK	1	49	22.04	22.08	22.16	23.7	0
20	QPSK	1	99	22.00	22.00	22.02		
20	QPSK	50	0	22.04	22.16	22.02		
20	QPSK	50	24	21.95	21.95	22.05	23.7	0
20	QPSK	50	50	21.93	21.92	22.06		
20	QPSK	100	0	22.12	22.14	22.06		
20	16QAM	1	0	22.12	21.99	22.02		
20	16QAM	1	49	22.03	22.11	22.10	23.7	0
20	16QAM	1	99	22.08	22.11	22.09		
20	16QAM	50	0	20.83	20.93	20.90		
20	16QAM	50	24	20.86	20.92	20.83	22.7	1
20	16QAM	50	50	20.92	20.95	20.83		
20	16QAM	100	0	20.87	20.93	21.00		
20	64QAM	1	0	20.99	21.06	20.96		
20	64QAM	1	49	21.02	21.10	21.15	22.7	1
20	64QAM	1	99	21.06	21.09	21.16		
20	64QAM	50	0	20.03	19.92	19.98		
20	64QAM	50	24	19.83	19.99	19.93	21.7	2
20	64QAM	50	50	19.93	19.88	19.89		
20	64QAM	100	0	19.97	19.93	20.00		
20	256QAM	1	0	18.07	18.01	18.05		
20	256QAM	1	49	17.96	18.01	18.04	19.7	4
20	256QAM	1	99	18.06	18.08	17.94		
20	256QAM	50	0	17.91	17.89	17.86		
20	256QAM	50	24	17.85	18.00	17.93	19.7	4
20	256QAM	50	50	17.92	17.98	17.80		
20	256QAM	100	0	17.96	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.04	22.06	22.02		
15	QPSK	1	37	21.90	22.01	22.10	23.7	0
15	QPSK	1	74	21.82	21.93	21.83		
15	QPSK	36	0	21.98	22.13	21.99		
15	QPSK	36	20	21.92	21.74	22.00	23.7	0
15	QPSK	36	39	21.83	21.72	22.04		
15	QPSK	75	0	22.10	21.98	21.93		
15	16QAM	1	0	21.94	21.79	21.88		
15	16QAM	1	37	21.84	21.89	21.91	23.7	0
15	16QAM	1	74	21.92	21.90	21.99		
15	16QAM	36	0	20.80	20.75	20.84		
15	16QAM	36	20	20.72	20.77	20.89	22.7	1
15	16QAM	36	39	20.72	20.67	20.64		
15	16QAM	75	0	20.64	20.72	20.72		
15	64QAM	1	0	20.93	20.86	20.96		
15	64QAM	1	37	20.85	20.95	20.99	22.7	1
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	19.79	19.74	19.89		
15	64QAM	36	20	19.69	19.84	19.80	21.7	2
15	64QAM	36	39	19.74	19.84	19.70		
15	64QAM	75	0	19.66	19.73	19.92		
15	256QAM	1	0	17.57	17.70	17.61		
15	256QAM	1	37	17.63	17.80	17.78	19.7	4
15	256QAM	1	74	17.72	17.83	17.72		
15	256QAM	36	0	17.64	17.74	17.66		
15	256QAM	36	20	17.80	17.63	17.67	19.7	4
15	256QAM	36	39	17.82	17.76	17.80		
15	256QAM	75	0	17.65	17.70	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.00	22.14	21.99		
10	QPSK	1	25	21.83	21.94	22.14	23.7	0
10	QPSK	1	49	21.94	21.90	21.91		
10	QPSK	25	0	21.94	22.00	21.94		
10	QPSK	25	12	21.83	21.76	21.90	23.7	0
10	QPSK	25	25	21.79	21.83	21.87		
10	QPSK	50	0	21.95	22.02	21.96		
10	16QAM	1	0	21.94	21.87	21.92		
10	16QAM	1	25	21.93	21.93	21.96	23.7	0
10	16QAM	1	49	21.89	22.07	22.05		
10	16QAM	25	0	20.76	20.70	20.86		
10	16QAM	25	12	20.66	20.81	20.83	22.7	1
10	16QAM	25	25	20.73	20.70	20.58		
10	16QAM	50	0	20.67	20.72	20.72		
10	64QAM	1	0	20.90	20.85	21.02		
10	64QAM	1	25	20.82	21.00	20.98	22.7	1
10	64QAM	1	49	20.88	20.99	20.96		
10	64QAM	25	0	19.75	19.76	19.80		
10	64QAM	25	12	19.77	19.82	19.77	21.7	2
10	64QAM	25	25	19.70	19.84	19.68		
10	64QAM	50	0	19.71	19.76	19.92		
10	256QAM	1	0	17.64	17.71	17.68		
10	256QAM	1	25	17.62	17.78	17.80	19.7	4
10	256QAM	1	49	17.69	17.82	17.71		
10	256QAM	25	0	17.70	17.78	17.69		
10	256QAM	25	12	17.79	17.83	17.67	19.7	4
10	256QAM	25	25	17.83	17.81	17.80		
10	256QAM	50	0	17.63	17.78	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.04	22.01	22.07		
5	QPSK	1	12	21.83	21.93	22.07	23.7	0
5	QPSK	1	24	21.81	21.85	21.87		
5	QPSK	12	0	21.97	22.10	21.83		
5	QPSK	12	7	21.86	21.86	21.98	23.7	0
5	QPSK	12	13	21.86	21.77	21.99		
5	QPSK	25	0	21.94	21.95	21.94		
5	16QAM	1	0	22.08	21.85	21.82		
5	16QAM	1	12	21.94	22.03	22.05	23.7	0
5	16QAM	1	24	21.86	22.00	22.02		
5	16QAM	12	0	20.82	20.78	20.78		
5	16QAM	12	7	20.67	20.75	20.86	22.7	1
5	16QAM	12	13	20.73	20.71	20.58		
5	16QAM	25	0	20.64	20.75	20.82		
5	64QAM	1	0	20.96	20.84	20.96		
5	64QAM	1	12	20.79	20.96	21.02	22.7	1
5	64QAM	1	24	20.89	20.97	21.00		
5	64QAM	12	0	19.78	19.74	19.82		
5	64QAM	12	7	19.74	19.78	19.78	21.7	2
5	64QAM	12	13	19.66	19.79	19.66		
5	64QAM	25	0	19.75	19.80	19.82		
5	256QAM	1	0	17.65	17.72	17.62		
5	256QAM	1	12	17.61	17.75	17.76	19.7	4
5	256QAM	1	24	17.69	17.84	17.65		
5	256QAM	12	0	17.64	17.72	17.69		
5	256QAM	12	7	17.81	17.67	17.66	19.7	4
5	256QAM	12	13	17.79	17.78	17.84		
5	256QAM	25	0	17.60	17.71	17.84		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.95	22.11	22.06		
3	QPSK	1	8	21.91	21.99	22.03	23.7	0
3	QPSK	1	14	21.82	21.88	21.88		
3	QPSK	8	0	21.89	22.13	21.81		
3	QPSK	8	4	21.82	21.75	22.01	23.7	0
3	QPSK	8	7	21.80	21.85	21.94		
3	QPSK	15	0	21.92	22.09	22.04		
3	16QAM	1	0	22.07	21.93	21.94		
3	16QAM	1	8	21.84	21.99	22.01	23.7	0
3	16QAM	1	14	22.02	21.93	22.02		
3	16QAM	8	0	20.84	20.74	20.80		
3	16QAM	8	4	20.66	20.76	20.93	22.7	1
3	16QAM	8	7	20.79	20.70	20.63		
3	16QAM	15	0	20.83	20.75	20.82		
3	64QAM	1	0	20.91	20.90	20.96		
3	64QAM	1	8	20.82	21.04	20.98	22.7	1
3	64QAM	1	14	20.88	21.06	21.04		
3	64QAM	8	0	19.82	19.74	19.90		
3	64QAM	8	4	19.69	19.76	19.80	21.7	2
3	64QAM	8	7	19.66	19.84	19.71		
3	64QAM	15	0	19.69	19.79	19.89		
3	256QAM	1	0	17.56	17.67	17.59		
3	256QAM	1	8	17.55	17.78	17.75	19.7	4
3	256QAM	1	14	17.66	17.85	17.67		
3	256QAM	8	0	17.70	17.70	17.68		
3	256QAM	8	4	17.81	17.59	17.65	19.7	4
3	256QAM	8	7	17.82	17.79	17.85		
3	256QAM	15	0	17.65	17.74	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.04	21.98	22.00		
1.4	QPSK	1	3	22.02	21.91	22.03		
1.4	QPSK	1	5	21.79	21.80	22.00	23.7	0
1.4	QPSK	3	0	21.85	22.03	21.98		
1.4	QPSK	3	1	21.76	21.74	21.91		
1.4	QPSK	3	3	21.75	21.86	21.96		
1.4	QPSK	6	0	21.95	22.07	21.97	23.7	0
1.4	16QAM	1	0	21.97	21.81	21.96		
1.4	16QAM	1	3	21.92	22.06	22.08		
1.4	16QAM	1	5	21.87	21.98	21.91	23.7	0
1.4	16QAM	3	0	22.13	22.09	22.03		
1.4	16QAM	3	1	21.88	22.01	22.12		
1.4	16QAM	3	3	21.88	21.78	21.91		
1.4	16QAM	6	0	20.72	20.65	20.57	22.7	1
1.4	64QAM	1	0	20.65	20.77	20.69		
1.4	64QAM	1	3	20.96	20.95	20.74		
1.4	64QAM	1	5	20.91	20.86	20.69	22.7	1
1.4	64QAM	3	0	20.65	20.81	20.74		
1.4	64QAM	3	1	20.90	20.99	20.69		
1.4	64QAM	3	3	20.84	20.83	20.73		
1.4	64QAM	6	0	19.68	19.65	19.76	21.7	2
1.4	256QAM	1	0	17.67	17.73	17.66		
1.4	256QAM	1	3	17.76	17.66	17.71		
1.4	256QAM	1	5	17.65	17.68	17.60	19.7	4
1.4	256QAM	3	0	17.75	17.55	17.47		
1.4	256QAM	3	1	17.65	17.71	17.53		
1.4	256QAM	3	3	17.58	17.57	17.79		
1.4	256QAM	6	0	17.73	17.61	17.52	19.7	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.19	20.21	20.16	21.3	0
20	QPSK	1	49	20.04	20.09	20.03		
20	QPSK	1	99	20.08	20.08	19.99		
20	QPSK	50	0	20.06	20.18	20.13	21.3	0
20	QPSK	50	24	20.17	20.14	20.05		
20	QPSK	50	50	19.99	20.09	20.13		
20	QPSK	100	0	20.10	20.14	20.00		
20	16QAM	1	0	20.17	20.01	20.06	21.3	0
20	16QAM	1	49	20.04	20.06	20.16		
20	16QAM	1	99	20.11	20.09	20.03		
20	16QAM	50	0	20.06	20.04	20.04	21.3	0
20	16QAM	50	24	20.18	20.01	20.06		
20	16QAM	50	50	20.04	20.04	20.02		
20	16QAM	100	0	20.14	20.02	20.09		
20	64QAM	1	0	20.14	20.09	20.00	21.3	0
20	64QAM	1	49	20.10	20.04	20.06		
20	64QAM	1	99	20.10	20.10	20.02		
20	64QAM	50	0	20.05	20.02	20.18	21.3	0
20	64QAM	50	24	20.05	20.00	20.08		
20	64QAM	50	50	20.16	20.17	20.01		
20	64QAM	100	0	20.10	20.08	20.02		
20	256QAM	1	0	18.19	18.13	18.06	19.3	2
20	256QAM	1	49	18.12	18.22	18.24		
20	256QAM	1	99	18.07	18.02	18.17		
20	256QAM	50	0	18.19	18.32	18.22	19.3	2
20	256QAM	50	24	18.37	18.25	18.44		
20	256QAM	50	50	18.26	18.26	18.34		
20	256QAM	100	0	18.33	18.22	18.10		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.08	20.03	19.95	21.3	0
15	QPSK	1	37	19.95	19.88	19.93		
15	QPSK	1	74	19.90	20.00	19.88		
15	QPSK	36	0	20.04	19.98	20.10	21.3	0
15	QPSK	36	20	20.00	20.08	19.93		
15	QPSK	36	39	19.80	19.90	20.04		
15	QPSK	75	0	19.94	20.09	19.97		
15	16QAM	1	0	20.10	19.96	19.96	21.3	0
15	16QAM	1	37	19.87	19.86	19.95		
15	16QAM	1	74	19.91	19.93	19.96		
15	16QAM	36	0	19.91	19.97	19.90	21.3	0
15	16QAM	36	20	20.01	19.83	19.93		
15	16QAM	36	39	19.83	19.82	19.91		
15	16QAM	75	0	20.00	19.86	20.06		
15	64QAM	1	0	20.08	19.92	19.84	21.3	0
15	64QAM	1	37	19.96	19.97	19.95		
15	64QAM	1	74	20.07	20.06	19.82		
15	64QAM	36	0	19.97	19.84	20.10	21.3	0
15	64QAM	36	20	19.93	19.86	19.92		
15	64QAM	36	39	20.10	20.01	19.96		
15	64QAM	75	0	20.01	20.06	20.00		
15	256QAM	1	0	18.14	17.93	17.96	19.3	2
15	256QAM	1	37	18.00	18.08	18.11		
15	256QAM	1	74	17.94	17.94	18.00		
15	256QAM	36	0	18.04	18.16	18.15	19.3	2
15	256QAM	36	20	18.28	18.10	18.31		
15	256QAM	36	39	18.15	18.14	18.27		
15	256QAM	75	0	18.14	18.07	17.92		
Channel				37900	38000	38100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.09	20.06	20.00	21.3	0
10	QPSK	1	25	19.84	19.94	19.98		
10	QPSK	1	49	19.98	20.00	19.89		
10	QPSK	25	0	19.86	20.15	20.02	21.3	0
10	QPSK	25	12	20.01	20.10	19.91		
10	QPSK	25	25	19.83	19.99	19.98		
10	QPSK	50	0	20.00	20.09	19.89		
10	16QAM	1	0	20.01	19.89	20.00	21.3	0
10	16QAM	1	25	19.88	19.88	19.96		
10	16QAM	1	49	19.99	20.02	19.85		
10	16QAM	25	0	19.96	19.83	19.92	21.3	0
10	16QAM	25	12	19.97	19.83	20.01		
10	16QAM	25	25	19.96	19.96	19.83		
10	16QAM	50	0	20.11	19.88	19.99		
10	64QAM	1	0	19.95	20.01	19.98	21.3	0
10	64QAM	1	25	19.89	20.01	19.91		
10	64QAM	1	49	19.92	19.96	19.84		
10	64QAM	25	0	19.84	19.85	20.06	21.3	0
10	64QAM	25	12	19.89	19.80	19.97		
10	64QAM	25	25	20.05	20.06	19.97		
10	64QAM	50	0	20.06	20.00	19.85		
10	256QAM	1	0	18.03	17.94	17.92	19.3	2
10	256QAM	1	25	18.04	18.07	18.15		
10	256QAM	1	49	17.93	17.94	18.09		
10	256QAM	25	0	17.98	18.14	18.15	19.3	2
10	256QAM	25	12	18.22	18.19	18.29		
10	256QAM	25	25	18.17	18.18	18.25		
10	256QAM	50	0	18.23	18.18	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.13	20.15	20.03	21.3	0
5	QPSK	1	12	20.02	19.96	19.83		
5	QPSK	1	24	19.87	19.93	19.89		
5	QPSK	12	0	19.89	20.05	20.03	21.3	0
5	QPSK	12	7	19.96	20.07	19.95		
5	QPSK	12	13	19.86	19.92	20.03		
5	QPSK	25	0	20.07	19.95	19.81		
5	16QAM	1	0	19.99	19.90	20.03	21.3	0
5	16QAM	1	12	20.01	20.01	20.06		
5	16QAM	1	24	20.00	19.97	19.82		
5	16QAM	12	0	20.02	19.97	19.95	21.3	0
5	16QAM	12	7	20.10	19.81	19.98		
5	16QAM	12	13	20.02	19.97	19.98		
5	16QAM	25	0	20.06	19.91	19.94		
5	64QAM	1	0	20.04	20.03	19.78	21.3	0
5	64QAM	1	12	20.05	19.87	19.97		
5	64QAM	1	24	20.02	20.07	19.92		
5	64QAM	12	0	19.84	19.84	19.98	21.3	0
5	64QAM	12	7	19.88	19.79	19.89		
5	64QAM	12	13	20.10	19.99	19.87		
5	64QAM	25	0	19.90	20.01	19.87		
5	256QAM	1	0	18.08	18.08	17.87	19.3	2
5	256QAM	1	12	18.06	18.11	18.14		
5	256QAM	1	24	17.96	17.85	18.05		
5	256QAM	12	0	18.07	18.13	18.04	19.3	2
5	256QAM	12	7	18.31	18.19	18.38		
5	256QAM	12	13	18.22	18.19	18.16		
5	256QAM	25	0	18.14	18.18	17.93		

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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	20.24	20.21	20.26	20.20	20.17	21.3	0
20	QPSK	1	49	20.18	20.14	20.15	20.24	20.24		
20	QPSK	1	99	20.18	20.14	20.13	20.15	20.13		
20	QPSK	50	0	20.07	20.09	20.24	20.07	20.08	21.3	0
20	QPSK	50	24	20.15	20.07	20.08	20.22	20.09		
20	QPSK	50	50	20.14	20.04	20.10	20.06	20.10		
20	QPSK	100	0	20.16	20.19	20.21	20.05	20.13		
20	16QAM	1	0	20.10	20.08	20.09	20.18	20.06	21.3	0
20	16QAM	1	49	20.16	20.13	20.05	20.12	20.22		
20	16QAM	1	99	20.19	20.07	20.18	20.13	20.15		
20	16QAM	50	0	20.16	20.24	20.20	20.13	20.14	21.3	0
20	16QAM	50	24	20.13	20.15	20.10	20.21	20.15		
20	16QAM	50	50	20.19	20.08	20.10	20.07	20.19		
20	16QAM	100	0	20.15	20.09	20.09	20.11	20.24		
20	64QAM	1	0	20.09	20.05	20.18	20.19	20.22	21.3	0
20	64QAM	1	49	20.06	20.06	20.16	20.20	20.19		
20	64QAM	1	99	20.18	20.05	20.20	20.15	20.20		
20	64QAM	50	0	20.05	20.06	20.20	20.13	20.10	21.3	0
20	64QAM	50	24	20.09	20.22	20.14	20.19	20.15		
20	64QAM	50	50	20.09	20.16	20.09	20.22	20.20		
20	64QAM	100	0	20.11	20.22	20.06	20.12	20.06		
20	256QAM	1	0	18.01	18.18	18.10	18.00	18.00	19.3	2
20	256QAM	1	49	18.11	18.15	18.07	18.19	18.17		
20	256QAM	1	99	18.04	18.12	18.06	17.98	18.06		
20	256QAM	50	0	18.36	18.35	18.30	18.40	18.20	19.3	2
20	256QAM	50	24	18.39	18.37	18.33	18.19	18.31		
20	256QAM	50	50	18.20	18.32	18.23	18.42	18.32		
20	256QAM	100	0	18.17	18.29	18.19	18.17	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	20.16	20.04	20.16	20.05	19.96	21	0
15	QPSK	1	37	20.07	19.95	19.97	20.22	20.12		
15	QPSK	1	74	20.12	20.00	20.11	19.94	20.06		
15	QPSK	36	0	19.86	19.99	20.17	19.92	19.94	21.3	0
15	QPSK	36	20	20.06	20.03	19.93	20.09	20.04		
15	QPSK	36	39	20.03	19.87	20.03	19.87	20.03		
15	QPSK	75	0	19.96	20.08	20.07	20.00	19.91		
15	16QAM	1	0	20.07	20.05	20.04	20.03	19.93	21.3	0
15	16QAM	1	37	20.05	20.07	19.92	19.97	20.17		
15	16QAM	1	74	20.06	19.89	19.98	19.91	19.96		
15	16QAM	36	0	19.99	20.20	20.07	19.98	19.99	21.3	0
15	16QAM	36	20	20.01	19.96	20.06	20.18	19.96		
15	16QAM	36	39	20.06	19.98	19.88	20.02	20.10		
15	16QAM	75	0	20.00	20.04	20.02	19.94	20.06		
15	64QAM	1	0	19.88	19.91	20.03	20.15	20.09	21.3	0
15	64QAM	1	37	19.86	19.88	20.06	20.11	20.13		
15	64QAM	1	74	20.06	19.94	20.03	20.05	20.12		
15	64QAM	36	0	19.99	19.98	20.04	20.05	20.01	21.3	0
15	64QAM	36	20	20.04	20.15	20.00	20.11	20.04		
15	64QAM	36	39	20.00	20.13	19.89	20.08	20.07		
15	64QAM	75	0	19.92	20.04	19.98	20.05	19.99		
15	256QAM	1	0	17.85	17.98	18.02	17.90	17.87	19.3	2
15	256QAM	1	37	18.04	18.01	17.99	18.00	17.97		
15	256QAM	1	74	17.84	18.08	18.01	17.90	17.90		
15	256QAM	36	0	18.30	18.21	18.21	18.31	18.03	19.3	2
15	256QAM	36	20	18.32	18.28	18.18	18.04	18.16		
15	256QAM	36	39	18.07	18.17	18.14	18.26	18.12		
15	256QAM	75	0	17.98	18.13	18.01	18.08	18.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.04	20.02	20.16	20.18	20.09	21	0
10	QPSK	1	25	20.10	20.02	19.97	20.09	20.08		
10	QPSK	1	49	19.97	20.05	20.01	19.98	20.09		
10	QPSK	25	0	19.88	20.03	20.21	20.02	19.90	21.3	0
10	QPSK	25	12	20.09	19.94	20.05	20.13	19.98		
10	QPSK	25	25	20.09	19.99	19.97	19.90	19.96		
10	QPSK	50	0	20.10	20.16	20.02	20.02	20.09		
10	16QAM	1	0	19.97	20.04	19.93	20.11	19.97	21.3	0
10	16QAM	1	25	19.97	19.93	19.90	20.09	20.17		
10	16QAM	1	49	20.06	19.97	20.16	20.08	19.96		
10	16QAM	25	0	19.97	20.11	19.99	20.03	19.93	21.3	0
10	16QAM	25	12	19.98	20.11	19.90	20.08	19.98		
10	16QAM	25	25	20.06	19.90	20.03	19.98	20.03		
10	16QAM	50	0	19.98	20.03	19.89	20.08	20.03		
10	64QAM	1	0	19.91	19.90	20.08	20.13	20.06	21.3	0
10	64QAM	1	25	20.01	19.90	19.99	20.14	20.15		
10	64QAM	1	49	20.05	19.96	20.10	20.09	20.10		
10	64QAM	25	0	19.91	19.90	20.08	19.93	19.88	21.3	0
10	64QAM	25	12	19.97	20.04	20.00	20.13	19.95		
10	64QAM	25	25	20.06	19.95	19.98	20.19	20.02		
10	64QAM	50	0	19.99	20.02	19.95	20.01	19.99		
10	256QAM	1	0	17.95	18.10	18.02	17.80	17.90	19.3	2
10	256QAM	1	25	18.01	18.08	18.00	18.08	18.01		
10	256QAM	1	49	17.89	18.04	17.88	17.92	17.90		
10	256QAM	25	0	18.22	18.18	18.20	18.33	18.09	19.3	2
10	256QAM	25	12	18.25	18.32	18.15	18.05	18.22		
10	256QAM	25	25	18.06	18.22	18.05	18.25	18.15		
10	256QAM	50	0	17.98	18.14	18.03	17.99	18.04		
Channel				39675	40140	40605	41070	41535	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.08	2687.5		
5	QPSK	1	0	20.17	20.19	20.09	20.06	20.07	21	0
5	QPSK	1	12	20.04	19.93	20.10	20.08	20.21		
5	QPSK	1	24	20.15	20.09	19.98	20.04	20.02		
5	QPSK	12	0	19.96	20.06	20.16	19.99	20.03	21.3	0
5	QPSK	12	7	20.05	19.99	20.01	20.16	19.93		
5	QPSK	12	13	19.96	19.96	20.00	19.89	19.96		
5	QPSK	25	0	20.04	20.14	20.07	19.97	20.01		
5	16QAM	1	0	19.92	19.97	20.00	20.08	19.98	21.3	0
5	16QAM	1	12	19.94	20.09	19.97	19.91	20.13		
5	16QAM	1	24	20.10	20.00	20.12	20.11	20.01		
5	16QAM	12	0	20.00	20.03	20.16	19.97	20.08	21.3	0
5	16QAM	12	7	20.06	19.95	20.06	20.03	19.98		
5	16QAM	12	13	20.02	19.88	19.90	19.85	20.04		
5	16QAM	25	0	19.95	20.06	19.98	20.03	20.06		
5	64QAM	1	0	19.91	19.87	20.15	20.11	20.11	21.3	0
5	64QAM	1	12	20.01	19.93	19.98	19.98	20.02		
5	64QAM	1	24	20.14	19.99	19.98	20.04	19.99		
5	64QAM	12	0	19.86	20.02	20.14	20.06	19.94	21.3	0
5	64QAM	12	7	20.06	20.16	20.12	20.16	19.97		
5	64QAM	12	13	19.90	20.09	19.89	20.06	20.09		
5	64QAM	25	0	19.92	20.06	19.90	20.00	19.85		
5	256QAM	1	0	17.87	18.04	18.01	17.88	17.85	19.3	2
5	256QAM	1	12	18.05	18.09	17.96	17.99	18.12		
5	256QAM	1	24	17.97	17.98	18.02	17.93	17.96		
5	256QAM	12	0	18.25	18.22	18.14	18.29	18.11	19.3	2
5	256QAM	12	7	18.31	18.33	18.18	18.14	18.19		
5	256QAM	12	13	18.07	18.25	18.15	18.38	18.18		
5	256QAM	25	0	18.09	18.15	17.99	18.00	18.02		

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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	21.91	21.94	21.96	21.90	21.87	22.9	0
20	QPSK	1	49	21.89	21.92	21.84	21.83	21.77		
20	QPSK	1	99	21.78	21.86	21.90	21.87	21.86		
20	QPSK	50	0	21.77	21.77	21.94	21.89	21.83	22.9	0
20	QPSK	50	24	21.93	21.93	21.90	21.84	21.90		
20	QPSK	50	50	21.90	21.87	21.83	21.91	21.78		
20	QPSK	100	0	21.88	21.78	21.91	21.82	21.74		
20	16QAM	1	0	21.88	21.84	21.91	21.93	21.76	22.9	0
20	16QAM	1	49	21.93	21.78	21.93	21.77	21.82		
20	16QAM	1	99	21.75	21.79	21.90	21.78	21.91		
20	16QAM	50	0	21.93	21.85	21.76	21.89	21.83	22.9	0
20	16QAM	50	24	21.93	21.84	21.75	21.85	21.80		
20	16QAM	50	50	21.85	21.94	21.94	21.80	21.80		
20	16QAM	100	0	21.86	21.85	21.82	21.77	21.94		
20	64QAM	1	0	21.79	21.90	21.91	21.76	21.85	22.9	0
20	64QAM	1	49	21.84	21.76	21.88	21.76	21.88		
20	64QAM	1	99	21.74	21.76	21.75	21.89	21.87		
20	64QAM	50	0	21.81	21.80	21.76	21.90	21.92	22.9	0
20	64QAM	50	24	21.80	21.87	21.85	21.75	21.93		
20	64QAM	50	50	21.91	21.83	21.87	21.86	21.86		
20	64QAM	100	0	21.80	21.92	21.92	21.88	21.77		
20	256QAM	1	0	21.34	21.23	21.27	21.20	21.28	22.4	0.5
20	256QAM	1	49	21.35	21.25	21.35	21.35	21.31		
20	256QAM	1	99	21.33	21.33	21.39	21.17	21.20		
20	256QAM	50	0	21.23	21.27	21.30	21.18	21.21	22.4	0.5
20	256QAM	50	24	21.34	21.28	21.20	21.33	21.40		
20	256QAM	50	50	21.23	21.31	21.33	21.19	21.31		
20	256QAM	100	0	21.26	21.16	21.19	21.13	21.17		
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	21.75	21.92	21.81	21.87	21.70	23	0
15	QPSK	1	37	21.79	21.77	21.66	21.70	21.66		
15	QPSK	1	74	21.70	21.79	21.69	21.67	21.83		
15	QPSK	36	0	21.69	21.74	21.77	21.78	21.70	22.9	0
15	QPSK	36	20	21.75	21.72	21.74	21.67	21.84		
15	QPSK	36	39	21.76	21.80	21.69	21.74	21.66		
15	QPSK	75	0	21.85	21.69	21.85	21.68	21.67		
15	16QAM	1	0	21.72	21.67	21.73	21.86	21.56	22.9	0
15	16QAM	1	37	21.74	21.59	21.78	21.57	21.76		
15	16QAM	1	74	21.71	21.77	21.84	21.74	21.78		
15	16QAM	36	0	21.84	21.73	21.62	21.85	21.76	22.9	0
15	16QAM	36	20	21.86	21.82	21.57	21.77	21.64		
15	16QAM	36	39	21.80	21.80	21.88	21.66	21.73		
15	16QAM	75	0	21.80	21.73	21.69	21.65	21.88		
15	64QAM	1	0	21.62	21.87	21.74	21.65	21.68	22.9	0
15	64QAM	1	37	21.78	21.55	21.72	21.66	21.75		
15	64QAM	1	74	21.66	21.68	21.61	21.81	21.76		
15	64QAM	36	0	21.77	21.65	21.63	21.69	21.78	22.9	0
15	64QAM	36	20	21.73	21.77	21.68	21.56	21.74		
15	64QAM	36	39	21.87	21.81	21.80	21.82	21.76		
15	64QAM	75	0	21.77	21.72	21.86	21.80	21.63		
15	256QAM	1	0	21.16	21.08	21.10	21.04	21.13	22.4	0.5
15	256QAM	1	37	21.26	21.05	21.22	21.23	21.18		
15	256QAM	1	74	21.15	21.14	21.28	21.07	21.10		
15	256QAM	36	0	21.16	21.18	21.26	20.98	21.17	22.4	0.5
15	256QAM	36	20	21.28	21.08	21.11	21.26	21.30		
15	256QAM	36	39	21.13	21.23	21.15	21.09	21.12		
15	256QAM	75	0	21.07	21.02	21.08	20.98	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.70	21.78	21.93	21.71	21.80	23	0
10	QPSK	1	25	21.74	21.78	21.81	21.68	21.72		
10	QPSK	1	49	21.73	21.81	21.75	21.68	21.67		
10	QPSK	25	0	21.64	21.72	21.85	21.70	21.75	22.9	0
10	QPSK	25	12	21.74	21.86	21.82	21.67	21.79		
10	QPSK	25	25	21.76	21.68	21.78	21.74	21.65		
10	QPSK	50	0	21.75	21.62	21.76	21.74	21.61		
10	16QAM	1	0	21.73	21.72	21.80	21.79	21.59	22.9	0
10	16QAM	1	25	21.72	21.66	21.82	21.72	21.79		
10	16QAM	1	49	21.62	21.60	21.82	21.69	21.73		
10	16QAM	25	0	21.75	21.80	21.70	21.75	21.66	22.9	0
10	16QAM	25	12	21.83	21.82	21.60	21.74	21.71		
10	16QAM	25	25	21.65	21.82	21.91	21.75	21.64		
10	16QAM	50	0	21.67	21.77	21.67	21.58	21.75		
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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.08	19.14	19.09	20.6	0
20	QPSK	1	49	19.02	19.10	18.99		
20	QPSK	1	99	19.05	19.11	19.04		
20	QPSK	50	0	18.93	19.11	18.97	20.6	0
20	QPSK	50	24	19.03	19.04	18.95		
20	QPSK	50	50	19.02	19.01	19.03		
20	QPSK	100	0	19.01	19.06	18.93		
20	16QAM	1	0	18.98	18.96	18.97	20.6	0
20	16QAM	1	49	18.93	19.06	19.06		
20	16QAM	1	99	19.07	19.06	19.01		
20	16QAM	50	0	19.06	19.09	19.02	20.6	0
20	16QAM	50	24	19.11	19.10	19.05		
20	16QAM	50	50	19.00	18.99	19.09		
20	16QAM	100	0	19.03	19.04	18.96		
20	64QAM	1	0	18.98	19.11	19.08	20.6	0
20	64QAM	1	49	19.00	18.95	19.00		
20	64QAM	1	99	18.92	19.02	18.96		
20	64QAM	50	0	18.95	19.06	19.05	20.6	0
20	64QAM	50	24	19.11	18.95	19.02		
20	64QAM	50	50	19.09	18.95	19.06		
20	64QAM	100	0	18.95	19.12	19.01		
20	256QAM	1	0	17.83	17.75	17.74	18.6	2
20	256QAM	1	49	17.85	17.72	17.77		
20	256QAM	1	99	17.82	17.63	17.70		
20	256QAM	50	0	18.06	17.96	18.02	18.6	2
20	256QAM	50	24	18.05	17.85	18.04		
20	256QAM	50	50	17.87	17.99	18.08		
20	256QAM	100	0	17.80	17.93	17.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.95	18.94	18.94	20.6	0
15	QPSK	1	37	18.87	18.96	18.81		
15	QPSK	1	74	18.86	18.94	18.89		
15	QPSK	36	0	18.91	18.97	18.94	20.6	0
15	QPSK	36	20	18.98	18.83	18.89		
15	QPSK	36	39	18.94	18.98	18.90		
15	QPSK	75	0	18.86	18.89	18.78		
15	16QAM	1	0	18.95	18.89	18.90	20.6	0
15	16QAM	1	37	18.84	18.88	19.00		
15	16QAM	1	74	18.92	18.85	18.95		
15	16QAM	36	0	18.85	18.98	18.91	20.6	0
15	16QAM	36	20	19.04	18.89	18.86		
15	16QAM	36	39	18.93	18.85	18.97		
15	16QAM	75	0	18.99	18.87	18.92		
15	64QAM	1	0	18.81	18.97	19.01	20.6	0
15	64QAM	1	37	18.85	18.81	18.88		
15	64QAM	1	74	18.82	18.97	18.80		
15	64QAM	36	0	18.80	18.85	18.91	20.6	0
15	64QAM	36	20	18.95	18.82	18.81		
15	64QAM	36	39	18.90	18.79	18.93		
15	64QAM	75	0	18.81	18.99	18.90		
15	256QAM	1	0	17.70	17.57	17.56	18.6	2
15	256QAM	1	37	17.72	17.54	17.65		
15	256QAM	1	74	17.71	17.55	17.54		
15	256QAM	36	0	17.93	17.84	17.92	18.6	2
15	256QAM	36	20	17.89	17.73	17.96		
15	256QAM	36	39	17.67	17.83	17.92		
15	256QAM	75	0	17.64	17.84	17.92		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.03	19.06	18.93	20.6	0
10	QPSK	1	25	18.93	18.90	18.84		
10	QPSK	1	49	18.88	19.04	18.94		
10	QPSK	25	0	18.85	18.99	18.88	20.6	0
10	QPSK	25	12	18.81	18.99	18.86		
10	QPSK	25	25	18.87	18.91	18.94		
10	QPSK	50	0	18.84	18.85	18.75		
10	16QAM	1	0	18.77	18.92	18.88	20.6	0
10	16QAM	1	25	18.75	18.87	18.89		
10	16QAM	1	49	18.88	19.03	18.88		
10	16QAM	25	0	18.93	18.94	18.85	20.6	0
10	16QAM	25	12	19.06	19.07	18.97		
10	16QAM	25	25	18.94	18.82	18.94		
10	16QAM	50	0	18.89	19.01	18.81		
10	64QAM	1	0	18.78	18.95	18.86	20.6	0
10	64QAM	1	25	18.98	18.75	18.79		
10	64QAM	1	49	18.78	18.88	18.79		
10	64QAM	25	0	18.89	18.98	18.86	20.6	0
10	64QAM	25	12	18.99	18.75	18.90		
10	64QAM	25	25	18.93	18.89	18.85		
10	64QAM	50	0	18.91	18.98	18.93		
10	256QAM	1	0	17.71	17.69	17.68	18.6	2
10	256QAM	1	25	17.79	17.56	17.64		
10	256QAM	1	49	17.78	17.44	17.56		
10	256QAM	25	0	18.00	17.90	17.95	18.6	2
10	256QAM	25	12	17.90	17.68	17.98		
10	256QAM	25	25	17.78	17.85	17.92		
10	256QAM	50	0	17.74	17.82	17.79		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.99	19.02	18.94	20.6	0
5	QPSK	1	12	18.91	18.95	18.94		
5	QPSK	1	24	19.00	19.07	19.00		
5	QPSK	12	0	18.84	18.92	18.88	20.6	0
5	QPSK	12	7	18.98	18.94	18.73		
5	QPSK	12	13	18.87	18.82	18.88		
5	QPSK	25	0	18.90	18.97	18.85		
5	16QAM	1	0	18.86	18.80	18.78	20.6	0
5	16QAM	1	12	18.84	18.99	18.87		
5	16QAM	1	24	19.04	19.02	18.93		
5	16QAM	12	0	18.86	18.88	18.89	20.6	0
5	16QAM	12	7	18.92	19.00	19.00		
5	16QAM	12	13	18.90	18.83	18.94		
5	16QAM	25	0	18.91	18.89	18.82		
5	64QAM	1	0	18.90	19.02	18.94	20.6	0
5	64QAM	1	12	18.86	18.75	18.94		
5	64QAM	1	24	18.83	18.85	18.81		
5	64QAM	12	0	18.79	18.94	18.84	20.6	0
5	64QAM	12	7	19.00	18.88	18.99		
5	64QAM	12	13	19.03	18.81	19.02		
5	64QAM	25	0	18.91	19.06	18.91		
5	256QAM	1	0	17.77	17.58	17.67	18.6	2
5	256QAM	1	12	17.77	17.58	17.64		
5	256QAM	1	24	17.62	17.50	17.56		
5	256QAM	12	0	17.96	17.89	17.87	18.6	2
5	256QAM	12	7	17.92	17.66	17.96		
5	256QAM	12	13	17.80	17.84	18.02		
5	256QAM	25	0	17.60	17.86	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	19.19	19.22	19.21	20.4	0
20	QPSK	1	49	19.02	19.14	19.17		
20	QPSK	1	99	19.06	19.12	19.17		
20	QPSK	50	0	19.18	19.20	19.16	20.4	0
20	QPSK	50	24	19.15	19.15	19.19		
20	QPSK	50	50	19.12	19.10	19.05		
20	QPSK	100	0	19.00	19.16	19.11		
20	16QAM	1	0	19.09	19.15	19.05	20.4	0
20	16QAM	1	49	19.19	19.04	19.09		
20	16QAM	1	99	19.00	19.11	19.13		
20	16QAM	50	0	18.10	18.15	18.27	19.4	1
20	16QAM	50	24	18.23	18.09	18.15		
20	16QAM	50	50	18.16	18.19	18.18		
20	16QAM	100	0	18.04	18.16	18.05		
20	64QAM	1	0	18.09	18.06	17.94	19.4	1
20	64QAM	1	49	17.96	18.03	18.04		
20	64QAM	1	99	17.95	18.11	18.19		
20	64QAM	50	0	17.09	17.18	17.08	18.4	2
20	64QAM	50	24	17.21	17.20	17.20		
20	64QAM	50	50	17.07	17.14	17.21		
20	64QAM	100	0	17.07	17.12	17.11		
20	256QAM	1	0	15.06	15.10	15.19	16.4	4
20	256QAM	1	49	15.16	15.22	15.20		
20	256QAM	1	99	15.18	15.05	15.10		
20	256QAM	50	0	15.14	15.18	15.14	16.4	4
20	256QAM	50	24	15.09	15.08	15.18		
20	256QAM	50	50	15.21	15.20	15.15		
20	256QAM	100	0	15.06	15.13	15.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.00	19.01	19.12	20.4	0
15	QPSK	1	37	18.81	18.94	19.03		
15	QPSK	1	74	18.93	18.91	19.02		
15	QPSK	36	0	19.09	18.99	19.06	20.4	0
15	QPSK	36	20	18.96	18.93	19.15		
15	QPSK	36	39	19.00	19.02	18.93		
15	QPSK	75	0	18.82	19.06	18.98		
15	16QAM	1	0	18.93	18.93	18.89	20.4	0
15	16QAM	1	37	19.13	18.90	19.07		
15	16QAM	1	74	18.83	18.96	19.09		
15	16QAM	36	0	17.94	18.08	18.18	19.4	1
15	16QAM	36	20	18.08	17.90	18.03		
15	16QAM	36	39	18.05	18.03	17.99		
15	16QAM	75	0	17.91	18.06	17.86		
15	64QAM	1	0	18.05	18.00	17.78	19.4	1
15	64QAM	1	37	17.79	17.94	17.97		
15	64QAM	1	74	17.87	17.93	18.02		
15	64QAM	36	0	16.90	17.05	16.97	18.4	2
15	64QAM	36	20	17.10	17.15	17.01		
15	64QAM	36	39	17.01	16.95	17.06		
15	64QAM	75	0	16.93	16.98	17.02		
15	256QAM	1	0	14.92	14.92	15.03	16.4	4
15	256QAM	1	37	15.00	15.02	15.12		
15	256QAM	1	74	15.08	15.00	14.92		
15	256QAM	36	0	15.09	15.10	15.02	16.4	4
15	256QAM	36	20	15.00	14.90	15.03		
15	256QAM	36	39	15.03	15.11	15.07		
15	256QAM	75	0	14.86	14.94	15.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.02	19.03	19.16	20.4	0
10	QPSK	1	25	18.83	18.94	18.97		
10	QPSK	1	49	18.87	18.93	19.07		
10	QPSK	25	0	19.10	19.06	19.05	20.4	0
10	QPSK	25	12	19.10	19.05	19.15		
10	QPSK	25	25	19.05	19.05	18.84		
10	QPSK	50	0	18.79	19.00	18.91		
10	16QAM	1	0	19.06	19.01	18.85	20.4	0
10	16QAM	1	25	19.01	18.87	19.00		
10	16QAM	1	49	18.78	18.96	19.06		
10	16QAM	25	0	17.94	18.04	18.18	19.4	1
10	16QAM	25	12	18.12	17.93	17.98		
10	16QAM	25	25	18.00	18.12	18.04		
10	16QAM	50	0	17.92	18.02	17.90		
10	64QAM	1	0	18.04	17.90	17.78	19.4	1
10	64QAM	1	25	17.90	17.88	17.91		
10	64QAM	1	49	17.78	18.03	18.05		
10	64QAM	25	0	16.99	17.01	17.00	18.4	2
10	64QAM	25	12	17.16	17.15	17.07		
10	64QAM	25	25	16.98	17.02	17.05		
10	64QAM	50	0	16.88	17.02	16.99		
10	256QAM	1	0	14.99	14.91	15.07	16.4	4
10	256QAM	1	25	15.06	15.12	15.04		
10	256QAM	1	49	15.04	14.99	15.04		
10	256QAM	25	0	15.01	15.10	14.98	16.4	4
10	256QAM	25	12	14.98	14.93	14.99		
10	256QAM	25	25	15.16	15.14	14.99		
10	256QAM	50	0	14.92	15.04	15.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.12	19.13	19.04	20.4	0
5	QPSK	1	12	18.91	19.12	19.01		
5	QPSK	1	24	18.86	18.98	19.13		
5	QPSK	12	0	19.06	19.14	19.14	20.4	0
5	QPSK	12	7	18.94	19.03	19.09		
5	QPSK	12	13	18.94	18.99	18.99		
5	QPSK	25	0	18.81	18.99	19.08		
5	16QAM	1	0	18.94	18.99	18.97	20.4	0
5	16QAM	1	12	18.98	18.92	19.05		
5	16QAM	1	24	18.79	19.01	18.99		
5	16QAM	12	0	18.02	18.06	18.18	19.4	1
5	16QAM	12	7	18.13	17.95	17.97		
5	16QAM	12	13	17.98	18.12	18.09		
5	16QAM	25	0	17.96	18.06	17.91		
5	64QAM	1	0	17.95	17.89	17.77	19.4	1
5	64QAM	1	12	17.80	17.98	17.94		
5	64QAM	1	24	17.86	18.00	18.00		
5	64QAM	12	0	16.90	17.06	16.90	18.4	2
5	64QAM	12	7	17.12	17.05	17.15		
5	64QAM	12	13	16.92	16.96	17.14		
5	64QAM	25	0	16.92	17.01	17.05		
5	256QAM	1	0	14.96	14.97	15.03	16.4	4
5	256QAM	1	12	15.10	15.11	15.01		
5	256QAM	1	24	15.11	14.96	14.96		
5	256QAM	12	0	14.95	15.08	15.08	16.4	4
5	256QAM	12	7	15.04	15.01	15.02		
5	256QAM	12	13	15.01	15.16	15.02		
5	256QAM	25	0	14.93	14.96	15.04		

Band 42 FCC Part27Q Ant8

BW [MHz]	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	21.96	22.01	21.88		
20	QPSK	1	49	21.89	22.00	21.86	23	0
20	QPSK	1	99	21.84	21.83	21.63		
20	QPSK	50	0	20.88	21.09	21.01		
20	QPSK	50	24	21.04	20.96	20.97	22	1
20	QPSK	50	50	21.04	20.90	21.03		
20	QPSK	100	0	21.00	21.07	20.86		
20	16QAM	1	0	21.04	20.97	20.89		
20	16QAM	1	49	20.97	21.05	20.94	22	1
20	16QAM	1	99	21.02	21.08	21.08		
20	16QAM	50	0	20.12	20.09	20.13		
20	16QAM	50	24	20.18	20.08	20.14	21	2
20	16QAM	50	50	20.05	20.18	20.08		
20	16QAM	100	0	20.21	20.10	20.14		
20	64QAM	1	0	19.84	19.72	19.71		
20	64QAM	1	49	19.66	19.63	19.79	21	2
20	64QAM	1	99	19.69	19.65	19.70		
20	64QAM	50	0	19.23	19.13	19.08		
20	64QAM	50	24	19.04	19.13	19.12	20	3
20	64QAM	50	50	19.21	19.10	19.09		
20	64QAM	100	0	19.05	19.08	18.96		
20	256QAM	1	0	16.93	16.85	16.84		
20	256QAM	1	49	16.95	16.74	16.94	18	5
20	256QAM	1	99	16.95	16.85	16.76		
20	256QAM	50	0	16.99	17.09	17.03		
20	256QAM	50	24	17.06	17.14	17.19	18	5
20	256QAM	50	50	17.19	16.99	17.18		
20	256QAM	100	0	17.02	17.05	16.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3590	3542.5		
15	QPSK	1	0	21.82	21.88	21.78		
15	QPSK	1	37	21.72	21.88	21.78	23	0
15	QPSK	1	74	21.76	21.77	21.56		
15	QPSK	36	0	20.84	20.96	20.88		
15	QPSK	36	20	20.94	20.86	20.85	22	1
15	QPSK	36	39	20.90	20.83	20.84		
15	QPSK	75	0	20.93	21.01	20.77		
15	16QAM	1	0	20.87	20.81	20.84		
15	16QAM	1	37	20.90	20.96	20.79	22	1
15	16QAM	1	74	20.82	20.94	20.99		
15	16QAM	36	0	19.98	19.96	20.03		
15	16QAM	36	20	20.09	20.00	20.01	21	2
15	16QAM	36	39	19.96	19.99	19.90		
15	16QAM	75	0	20.03	20.02	19.99		
15	64QAM	1	0	19.72	19.60	19.61		
15	64QAM	1	37	19.51	19.50	19.62	21	2
15	64QAM	1	74	19.56	19.47	19.65		
15	64QAM	36	0	19.16	19.04	18.93		
15	64QAM	36	20	18.84	19.08	18.97	20	3
15	64QAM	36	39	19.09	18.94	18.93		
15	64QAM	75	0	18.96	19.04	18.85		
15	256QAM	1	0	16.76	16.81	16.72		
15	256QAM	1	37	16.86	16.54	16.88	18	5
15	256QAM	1	74	16.77	16.75	16.69		
15	256QAM	36	0	16.86	17.00	16.98		
15	256QAM	36	20	17.00	17.02	17.09	18	5
15	256QAM	36	39	17.01	16.89	17.11		
15	256QAM	75	0	16.93	16.93	16.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.79	21.89	21.74		
10	QPSK	1	25	21.84	21.82	21.69	23	0
10	QPSK	1	49	21.70	21.73	21.50		
10	QPSK	25	0	20.71	21.01	20.86		
10	QPSK	25	12	20.96	20.91	20.90	22	1
10	QPSK	25	25	20.93	20.78	20.87		
10	QPSK	50	0	20.89	20.91	20.82		
10	16QAM	1	0	20.86	20.90	20.69		
10	16QAM	1	25	20.86	20.96	20.85	22	1
10	16QAM	1	49	20.97	20.92	20.94		
10	16QAM	25	0	19.94	19.94	19.96		
10	16QAM	25	12	20.05	19.99	20.00	21	2
10	16QAM	25	25	19.85	20.09	20.03		
10	16QAM	50	0	20.08	19.90	19.94		
10	64QAM	1	0	19.75	19.53	19.61		
10	64QAM	1	25	19.56	19.46	19.59	21	2
10	64QAM	1	49	19.60	19.46	19.58		
10	64QAM	25	0	19.11	19.04	18.94		
10	64QAM	25	12	18.86	18.94	18.93	20	3
10	64QAM	25	25	19.12	18.96	19.03		
10	64QAM	50	0	18.94	18.90	18.79		
10	256QAM	1	0	16.81	16.70	16.76		
10	256QAM	1	25	16.75	16.68	16.81	18	5
10	256QAM	1	49	16.75	16.75	16.68		
10	256QAM	25	0	16.86	16.91	16.84		
10	256QAM	25	12	16.94	17.01	17.09	18	5
10	256QAM	25	25	17.06	16.79	17.01		
10	256QAM	50	0	16.87	16.89	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.90	21.95	21.74		
5	QPSK	1	12	21.71	21.85	21.68	23	0
5	QPSK	1	24	21.71	21.76	21.49		
5	QPSK	12	0	20.80	20.94	20.84		
5	QPSK	12	7	20.86	20.77	20.88	22	1
5	QPSK	12	13	20.98	20.73	20.85		
5	QPSK	25	0	20.81	20.89	20.76		
5	16QAM	1	0	20.89	20.83	20.80		
5	16QAM	1	12	20.77	20.86	20.77	22	1
5	16QAM	1	24	20.86	20.99	20.88		
5	16QAM	12	0	20.05	19.89	20.03		
5	16QAM	12	7	19.99	19.99	20.09	21	2
5	16QAM	12	13	19.98	20.14	19.94		
5	16QAM	25	0	20.13	19.99	20.00		
5	64QAM	1	0	19.74	19.55	19.64		
5	64QAM	1	12	19.57	19.57	19.65	21	2
5	64QAM	1	24	19.56	19.49	19.59		
5	64QAM	12	0	19.07	18.94	18.98		
5	64QAM	12	7	18.85	18.93	18.99	20	3
5	64QAM	12	13	19.02	18.93	19.02		
5	64QAM	25	0	18.92	18.94	18.78		
5	256QAM	1	0	16.87	16.69	16.72		
5	256QAM	1	12	16.89	16.66	16.81	18	5
5	256QAM	1	24	16.75	16.71	16.70		
5	256QAM	12	0	16.89	16.91	16.96		
5	256QAM	12	7	16.89	16.99	17.02	18	5
5	256QAM	12	13	17.02	16.90	17.11		
5	256QAM	25	0	16.90	16.90	16.77		

Band 42 FCC Part27Q Ant10

BW [MHz]	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	16.98	17.03	16.97	17.9	0
20	QPSK	1	49	16.97	16.82	16.90		
20	QPSK	1	99	16.84	16.97	16.91		
20	QPSK	50	0	16.98	17.01	16.82	17.9	0
20	QPSK	50	24	16.92	16.81	16.84		
20	QPSK	50	50	16.93	16.94	16.84		
20	QPSK	100	0	16.92	17.00	16.90		
20	16QAM	1	0	16.89	16.99	16.94	17.9	0
20	16QAM	1	49	16.85	16.87	16.89		
20	16QAM	1	99	16.82	16.83	16.96		
20	16QAM	50	0	16.95	16.99	16.93	17.9	0
20	16QAM	50	24	16.90	16.91	17.00		
20	16QAM	50	50	16.90	17.01	16.84		
20	16QAM	100	0	16.85	16.92	16.85		
20	64QAM	1	0	16.91	16.89	16.86	17.9	0
20	64QAM	1	49	16.98	16.96	16.88		
20	64QAM	1	99	16.87	17.00	16.84		
20	64QAM	50	0	16.92	16.95	16.94	17.9	0
20	64QAM	50	24	16.85	16.87	16.84		
20	64QAM	50	50	16.92	16.86	16.89		
20	64QAM	100	0	17.00	16.97	16.95		
20	256QAM	1	0	16.42	16.29	16.21	17.4	0.5
20	256QAM	1	49	16.28	16.38	16.24		
20	256QAM	1	99	16.27	16.22	16.34		
20	256QAM	50	0	16.31	16.38	16.30	17.4	0.5
20	256QAM	50	24	16.34	16.43	16.26		
20	256QAM	50	50	16.43	16.31	16.42		
20	256QAM	100	0	16.41	16.32	16.24		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.90	16.86	16.87	17.9	0
15	QPSK	1	37	16.88	16.66	16.86		
15	QPSK	1	74	16.69	16.94	16.80		
15	QPSK	36	0	16.92	16.88	16.61	17.9	0
15	QPSK	36	20	16.83	16.78	16.79		
15	QPSK	36	39	16.81	16.85	16.75		
15	QPSK	75	0	16.75	16.84	16.82		
15	16QAM	1	0	16.78	16.80	16.73	17.9	0
15	16QAM	1	37	16.81	16.69	16.82		
15	16QAM	1	74	16.61	16.78	16.90		
15	16QAM	36	0	16.75	16.96	16.77	17.9	0
15	16QAM	36	20	16.80	16.84	16.86		
15	16QAM	36	39	16.82	16.98	16.66		
15	16QAM	75	0	16.67	16.88	16.73		
15	64QAM	1	0	16.73	16.81	16.70	17.9	0
15	64QAM	1	37	16.94	16.86	16.82		
15	64QAM	1	74	16.72	16.91	16.63		
15	64QAM	36	0	16.75	16.79	16.74	17.9	0
15	64QAM	36	20	16.82	16.81	16.77		
15	64QAM	36	39	16.75	16.83	16.83		
15	64QAM	75	0	16.90	16.76	16.83		
15	256QAM	1	0	16.34	16.20	16.14	17.4	0.5
15	256QAM	1	37	16.10	16.32	16.16		
15	256QAM	1	74	16.15	16.16	16.16		
15	256QAM	36	0	16.12	16.33	16.15	17.4	0.5
15	256QAM	36	20	16.17	16.36	16.12		
15	256QAM	36	39	16.35	16.25	16.23		
15	256QAM	75	0	16.30	16.24	16.07		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.90	16.90	16.90	17.9	0
10	QPSK	1	25	16.82	16.67	16.79		
10	QPSK	1	49	16.79	16.92	16.69		
10	QPSK	25	0	16.95	16.96	16.67	17.9	0
10	QPSK	25	12	16.83	16.70	16.78		
10	QPSK	25	25	16.80	16.90	16.74		
10	QPSK	50	0	16.77	16.82	16.74		
10	16QAM	1	0	16.86	16.81	16.74	17.9	0
10	16QAM	1	25	16.72	16.74	16.70		
10	16QAM	1	49	16.78	16.68	16.85		
10	16QAM	25	0	16.89	16.81	16.90	17.9	0
10	16QAM	25	12	16.81	16.83	16.94		
10	16QAM	25	25	16.69	16.93	16.72		
10	16QAM	50	0	16.73	16.70	16.78		
10	64QAM	1	0	16.86	16.67	16.69	17.9	0
10	64QAM	1	25	16.92	16.84	16.70		
10	64QAM	1	49	16.67	16.97	16.67		
10	64QAM	25	0	16.81	16.86	16.82	17.9	0
10	64QAM	25	12	16.76	16.66	16.76		
10	64QAM	25	25	16.72	16.69	16.68		
10	64QAM	50	0	16.94	16.90	16.84		
10	256QAM	1	0	16.33	16.13	16.01	17.4	0.5
10	256QAM	1	25	16.13	16.21	16.19		
10	256QAM	1	49	16.14	16.12	16.21		
10	256QAM	25	0	16.26	16.20	16.19	17.4	0.5
10	256QAM	25	12	16.16	16.26	16.07		
10	256QAM	25	25	16.25	16.24	16.24		
10	256QAM	50	0	16.31	16.20	16.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.94	16.97	16.82	17.9	0
5	QPSK	1	12	16.84	16.67	16.81		
5	QPSK	1	24	16.68	16.87	16.83		
5	QPSK	12	0	16.81	16.83	16.63	17.9	0
5	QPSK	12	7	16.79	16.70	16.82		
5	QPSK	12	13	16.75	16.91	16.64		
5	QPSK	25	0	16.80	16.87	16.73		
5	16QAM	1	0	16.72	16.97	16.75	17.9	0
5	16QAM	1	12	16.64	16.70	16.72		
5	16QAM	1	24	16.64	16.69	16.93		
5	16QAM	12	0	16.80	16.83	16.83	17.9	0
5	16QAM	12	7	16.85	16.89	16.85		
5	16QAM	12	13	16.81	16.82	16.71		
5	16QAM	25	0	16.71	16.75	16.81		
5	64QAM	1	0	16.88	16.67	16.77	17.9	0
5	64QAM	1	12	16.84	16.83	16.82		
5	64QAM	1	24	16.79	16.91	16.66		
5	64QAM	12	0	16.73	16.82	16.88	17.9	0
5	64QAM	12	7	16.66	16.85	16.74		
5	64QAM	12	13	16.84	16.73	16.86		
5	64QAM	25	0	16.94	16.92	16.87		
5	256QAM	1	0	16.38	16.22	16.01	17.4	0.5
5	256QAM	1	12	16.09	16.18	16.05		
5	256QAM	1	24	16.22	16.11	16.28		
5	256QAM	12	0	16.26	16.29	16.21	17.4	0.5
5	256QAM	12	7	16.18	16.26	16.14		
5	256QAM	12	13	16.29	16.19	16.26		
5	256QAM	25	0	16.27	16.14	16.08		

Reduced Power Mode for ECI4

GSM850 Ant0	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	31.87	31.95	31.92	33.50	22.87	22.95	22.92	24.50
GPRS 1 Tx slot	31.77	31.86	31.74	33.50	22.77	22.86	22.74	24.50
GPRS 2 Tx slots	28.85	28.88	28.81	29.50	22.85	22.88	22.81	23.50
GPRS 3 Tx slots	27.13	27.17	27.04	28.00	22.87	22.91	22.78	23.74
GPRS 4 Tx slots	25.88	25.94	25.88	27.50	22.88	22.94	22.88	24.50
EDGE 1 Tx slot	26.34	26.40	26.26	27.50	17.34	17.40	17.26	18.50
EDGE 2 Tx slots	25.11	25.22	25.17	26.00	19.11	19.22	19.17	20.00
EDGE 3 Tx slots	23.03	23.07	23.03	24.00	18.77	18.81	18.77	19.74
EDGE 4 Tx slots	21.78	21.85	21.71	23.00	18.78	18.85	18.71	20.00

GSM1900 Ant0	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	28.51	28.55	28.49	29.50	19.51	19.55	19.49	20.50
GPRS 1 Tx slot	28.40	28.50	28.42	29.50	19.40	19.50	19.42	20.50
GPRS 2 Tx slots	25.40	25.52	25.40	26.50	19.40	19.52	19.40	20.50
GPRS 3 Tx slots	23.67	23.78	23.72	25.00	19.41	19.52	19.46	20.74
GPRS 4 Tx slots	22.68	22.71	22.60	24.00	19.68	19.71	19.60	21.00
EDGE 1 Tx slot	24.46	24.60	24.52	25.50	15.46	15.60	15.52	16.50
EDGE 2 Tx slots	23.22	23.26	23.14	24.00	17.22	17.26	17.14	18.00
EDGE 3 Tx slots	20.70	20.81	20.78	22.00	16.44	16.55	16.52	17.74
EDGE 4 Tx slots	19.00	19.06	18.99	20.00	16.00	16.06	15.99	17.00

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			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	20.81	20.99	20.97	22.00	20.95	20.96	20.84	22.00	22.19	22.27	22.11	23.00
3GPP Rel 99	RMC 12.2Kbps	20.88	21.00	20.98	22.00	20.97	20.99	20.86	22.00	22.21	22.28	22.12	23.00
3GPP Rel 6	HSDPA Subtest-1	19.95	20.12	19.73	21.00	19.85	19.80	19.90	21.00	21.24	21.28	21.21	22.00
3GPP Rel 6	HSDPA Subtest-2	19.67	20.11	19.70	21.00	19.75	19.81	19.94	21.00	21.15	21.20	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	19.48	19.34	19.21	20.50	19.46	19.53	19.48	20.50	20.81	20.85	20.72	21.50
3GPP Rel 6	HSDPA Subtest-4	19.43	19.42	19.30	20.50	19.60	19.35	19.50	20.50	20.80	20.73	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.87	20.12	19.69	21.00	19.63	19.97	19.72	21.00	21.31	21.25	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.68	20.14	20.04	21.00	19.86	20.10	19.92	21.00	21.25	21.34	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.16	19.55	19.28	20.50	19.26	19.56	19.43	20.50	20.75	20.75	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.49	19.38	19.33	20.50	19.58	19.45	19.23	20.50	20.83	20.71	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	19.93	20.10	19.91	21.00	20.07	20.09	19.71	21.00	21.34	21.37	21.00	22.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.92	17.97	19.00	18.11	17.71	17.96	19.00	19.12	19.30	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	19.00	18.72	18.76	20.00	18.92	18.92	18.89	20.00	20.13	20.39	20.01	21.00
3GPP Rel 6	HSUPA Subtest-4	18.00	17.86	17.64	19.00	17.74	18.09	17.98	19.00	19.26	19.38	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	19.89	19.70	20.02	21.00	20.11	19.71	19.63	21.00	21.32	21.28	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.44	17.47	17.57	18.50	17.46	17.17	17.03	18.50	18.64	18.86	18.75	19.50

Band 2 Ant0

BW [MHz]	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	21.18	21.24	21.21	22.5	0
20	QPSK	1	49	21.15	21.14	21.17		
20	QPSK	1	99	21.23	21.04	21.11		
20	QPSK	50	0	20.34	20.39	20.17	21.5	1
20	QPSK	50	24	20.16	20.25	20.16		
20	QPSK	50	50	20.20	20.19	20.29		
20	QPSK	100	0	20.35	20.37	20.28		
20	16QAM	1	0	20.19	20.26	20.38	21.5	1
20	16QAM	1	49	20.11	20.39	20.12		
20	16QAM	1	99	20.17	20.20	20.13		
20	16QAM	50	0	19.23	19.36	19.45	20.5	2
20	16QAM	50	24	19.48	19.39	19.39		
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.42	19.33	20.5	2
20	64QAM	1	49	19.29	19.44	19.38		
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33	19.5	3
20	64QAM	50	24	18.47	18.35	18.51		
20	64QAM	50	50	18.26	18.35	18.35		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26	17.5	5
20	256QAM	1	49	16.37	16.39	16.25		
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24	17.5	5
20	256QAM	50	24	16.21	16.26	16.19		
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.10	21.11	21.15	22.5	0
15	QPSK	1	37	21.06	21.05	21.08		
15	QPSK	1	74	21.10	20.93	20.99		
15	QPSK	36	0	20.29	20.27	20.10	21.5	1
15	QPSK	36	20	20.11	20.17	20.04		
15	QPSK	36	39	20.09	20.10	20.25		
15	QPSK	75	0	20.22	20.26	20.22		
15	16QAM	1	0	20.16	20.23	20.29	21.5	1
15	16QAM	1	37	20.00	20.31	20.03		
15	16QAM	1	74	20.11	20.14	20.07		
15	16QAM	36	0	19.12	19.31	19.35	20.5	2
15	16QAM	36	20	19.37	19.33	19.27		
15	16QAM	36	39	19.29	19.32	19.23		
15	16QAM	75	0	19.37	19.33	19.32		
15	64QAM	1	0	19.42	19.27	19.27	20.5	2
15	64QAM	1	37	19.17	19.38	19.27		
15	64QAM	1	74	19.36	19.32	19.25		
15	64QAM	36	0	18.37	18.29	18.24	19.5	3
15	64QAM	36	20	18.39	18.32	18.45		
15	64QAM	36	39	18.20	18.31	18.32		
15	64QAM	75	0	18.27	18.25	18.09		
15	256QAM	1	0	16.13	16.26	16.15	17.5	5
15	256QAM	1	37	16.27	16.36	16.17		
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16	17.5	5
15	256QAM	36	20	16.15	16.20	16.11		
15	256QAM	36	39	16.18	16.35	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.14	21.16	21.17	22.5	0
10	QPSK	1	25	21.04	21.08	21.05		
10	QPSK	1	49	21.11	20.94	21.05		
10	QPSK	25	0	20.27	20.29	20.05	21.5	1
10	QPSK	25	12	20.04	20.18	20.04		
10	QPSK	25	25	20.08	20.30	20.26		
10	QPSK	50	0	20.27	20.34	20.21		
10	16QAM	1	0	20.15	20.21	20.31	21.5	1
10	16QAM	1	25	19.99	20.34	20.04		
10	16QAM	1	49	20.08	20.06	20.05		
10	16QAM	25	0	19.17	19.28	19.38	20.5	2
10	16QAM	25	12	19.43	19.28	19.35		
10	16QAM	25	25	19.35	19.29	19.24		
10	16QAM	50	0	19.36	19.30	19.27		
10	64QAM	1	0	19.40	19.30	19.27	20.5	2
10	64QAM	1	25	19.19	19.35	19.33		
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.32	18.31	18.23	19.5	3
10	64QAM	25	12	18.42	18.24	18.40		
10	64QAM	25	25	18.14	18.24	18.30		
10	64QAM	50	0	18.22	18.28	18.06		
10	256QAM	1	0	16.13	16.24	16.15	17.5	5
10	256QAM	1	25	16.25	16.33	16.13		
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18	17.5	5
10	256QAM	25	12	16.15	16.18	16.08		
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.15	21.08	22.5	0
5	QPSK	1	12	21.08	21.01	21.09		
5	QPSK	1	24	21.10	20.94	21.07		
5	QPSK	12	0	20.29	20.34	20.04	21.5	1
5	QPSK	12	7	20.10	20.14	20.07		
5	QPSK	12	13	20.07	20.07	20.25		
5	QPSK	25	0	20.22	20.32	20.19		
5	16QAM	1	0	20.09	20.22	20.31	21.5	1
5	16QAM	1	12	20.01	20.29	20.07		
5	16QAM	1	24	20.12	20.15	20.01		
5	16QAM	12	0	19.15	19.32	19.42	20.5	2
5	16QAM	12	7	19.36	19.32	19.30		
5	16QAM	12	13	19.33	19.28	19.20		
5	16QAM	25	0	19.32	19.27	19.33		
5	64QAM	1	0	19.44	19.27	19.22	20.5	2
5	64QAM	1	12	19.24	19.37	19.33		
5	64QAM	1	24	19.37	19.26	19.28		
5	64QAM	12	0	18.38	18.27	18.21	19.5	3
5	64QAM	12	7	18.35	18.26	18.41		
5	64QAM	12	13	18.19	18.31	18.23		
5	64QAM	25	0	18.28	18.25	18.13		
5	256QAM	1	0	16.10	16.33	16.15	17.5	5
5	256QAM	1	12	16.27	16.34	16.14		
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.35	16.26	16.18	17.5	5
5	256QAM	12	7	16.13	16.15	16.11		
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.20	21.14	22.5	0
3	QPSK	1	8	21.10	21.10	21.05		
3	QPSK	1	14	21.07	20.95	21.04		
3	QPSK	8	0	20.28	20.31	20.06	21.5	1
3	QPSK	8	4	20.06	20.21	20.08		
3	QPSK	8	7	20.11	20.15	20.20		
3	QPSK	15	0	20.27	20.24	20.25		
3	16QAM	1	0	20.07	20.16	20.35	21.5	1
3	16QAM	1	8	20.01	20.33	20.03		
3	16QAM	1	14	20.04	20.14	20.03		
3	16QAM	8	0	19.11	19.28	19.34	20.5	2
3	16QAM	8	4	19.39	19.34	19.27		
3	16QAM	8	7	19.28	19.33	19.27		
3	16QAM	15	0	19.31	19.28	19.29		
3	64QAM	1	0	19.35	19.30	19.29	20.5	2
3	64QAM	1	8	19.24	19.38	19.32		
3	64QAM	1	14	19.30	19.28	19.19		
3	64QAM	8	0	18.33	18.26	18.30	19.5	3
3	64QAM	8	4	18.41	18.29	18.45		
3	64QAM	8	7	18.19	18.30	18.26		
3	64QAM	15	0	18.24	18.26	18.04		
3	256QAM	1	0	16.17	16.31	16.17	17.5	5
3	256QAM	1	8	16.27	16.31	16.14		
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20	17.5	5
3	256QAM	8	4	16.12	16.22	16.16		
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.30	16.16	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.10	21.20	21.13	22.5	0
1.4	QPSK	1	3	21.11	21.03	21.07		
1.4	QPSK	1	5	21.02	20.98	21.03		
1.4	QPSK	3	0	21.02	21.12	21.02		
1.4	QPSK	3	1	21.00	20.97	20.95		
1.4	QPSK	3	3	20.98	20.87	20.95		
1.4	QPSK	6	0	20.25	20.32	20.21	21.5	1
1.4	16QAM	1	0	20.10	20.22	20.27	21.5	1
1.4	16QAM	1	3	19.99	20.35	20.02		
1.4	16QAM	1	5	20.09	20.16	20.01		
1.4	16QAM	3	0	21.06	21.08	20.98		
1.4	16QAM	3	1	20.96	20.91	20.94		
1.4	16QAM	3	3	20.93	20.86	20.86		
1.4	16QAM	6	0	19.33	19.29	19.29	20.5	2
1.4	64QAM	1	0	19.43	19.31	19.27	20.5	2
1.4	64QAM	1	3	19.16	19.37	19.34		
1.4	64QAM	1	5	19.28	19.26	19.24		
1.4	64QAM	3	0	19.35	19.19	19.18		
1.4	64QAM	3	1	19.12	19.32	19.24		
1.4	64QAM	3	3	19.16	19.18	19.16		
1.4	64QAM	6	0	18.23	18.19	18.10	19.5	3
1.4	256QAM	1	0	16.11	16.24	16.20	17.5	5
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29		
1.4	256QAM	3	0	16.34	16.26	16.18		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.5	5

Band 4 Ant0

BW [MHz]	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	21.51	21.54	21.49	22.5	0
20	QPSK	1	49	21.50	21.46	21.41		
20	QPSK	1	99	21.52	21.44	21.38		
20	QPSK	50	0	20.56	20.64	20.54	21.5	1
20	QPSK	50	24	20.50	20.52	20.48		
20	QPSK	50	50	20.42	20.49	20.63		
20	QPSK	100	0	20.47	20.62	20.56		
20	16QAM	1	0	20.84	20.79	20.74	21.5	1
20	16QAM	1	49	20.74	20.67	20.93		
20	16QAM	1	99	20.65	20.77	20.79		
20	16QAM	50	0	19.62	19.56	19.64	20.5	2
20	16QAM	50	24	19.64	19.67	19.61		
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92	20.5	2
20	64QAM	1	49	19.87	19.89	19.88		
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70	19.5	3
20	64QAM	50	24	18.49	18.58	18.58		
20	64QAM	50	50	18.53	18.70	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.52	16.57	16.61	17.5	5
20	256QAM	1	49	16.61	16.71	16.44		
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63	17.5	5
20	256QAM	50	24	16.52	16.40	16.40		
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.15	21.08	22.5	0
15	QPSK	1	37	21.06	21.08	21.09		
15	QPSK	1	74	21.08	20.98	20.99		
15	QPSK	36	0	20.27	20.34	20.08	21.5	1
15	QPSK	36	20	20.04	20.13	20.08		
15	QPSK	36	39	20.13	20.07	20.26		
15	QPSK	75	0	20.28	20.24	20.23		
15	16QAM	1	0	20.10	20.21	20.32	21.5	1
15	16QAM	1	37	20.00	20.33	20.08		
15	16QAM	1	74	20.10	20.12	20.01		
15	16QAM	36	0	19.12	19.31	19.35	20.5	2
15	16QAM	36	20	19.39	19.36	19.35		
15	16QAM	36	39	19.37	19.24	19.25		
15	16QAM	75	0	19.32	19.29	19.30		
15	64QAM	1	0	19.44	19.30	19.21	20.5	2
15	64QAM	1	37	19.25	19.37	19.26		
15	64QAM	1	74	19.32	19.31	19.26		
15	64QAM	36	0	18.34	18.33	18.28	19.5	3
15	64QAM	36	20	18.36	18.18	18.43		
15	64QAM	36	39	18.16	18.32	18.29		
15	64QAM	75	0	18.23	18.18	18.13		
15	256QAM	1	0	16.14	16.26	16.15	17.5	5
15	256QAM	1	37	16.31	16.34	16.17		
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20	17.5	5
15	256QAM	36	20	16.12	16.18	16.09		
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.10	21.11	21.11	22.5	0
10	QPSK	1	25	21.12	21.03	21.12		
10	QPSK	1	49	21.10	20.93	21.03		
10	QPSK	25	0	20.28	20.28	20.13	21.5	1
10	QPSK	25	12	20.05	20.18	20.11		
10	QPSK	25	25	20.16	20.32	20.23		
10	QPSK	50	0	20.23	20.29	20.22		
10	16QAM	1	0	20.15	20.13	20.29	21.5	1
10	16QAM	1	25	20.01	20.29	20.05		
10	16QAM	1	49	20.14	20.13	20.01		
10	16QAM	25	0	19.19	19.31	19.38	20.5	2
10	16QAM	25	12	19.42	19.31	19.28		
10	16QAM	25	25	19.30	19.25	19.21		
10	16QAM	50	0	19.32	19.26	19.27		
10	64QAM	1	0	19.37	19.34	19.21	20.5	2
10	64QAM	1	25	19.25	19.33	19.26		
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.33	18.34	18.30	19.5	3
10	64QAM	25	12	18.36	18.26	18.41		
10	64QAM	25	25	18.19	18.25	18.31		
10	64QAM	50	0	18.27	18.23	18.10		
10	256QAM	1	0	16.18	16.27	16.23	17.5	5
10	256QAM	1	25	16.29	16.30	16.22		
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13	17.5	5
10	256QAM	25	12	16.18	16.16	16.07		
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.20	21.16	22.5	0
5	QPSK	1	12	21.06	21.06	21.10		
5	QPSK	1	24	21.07	20.92	21.02		
5	QPSK	12	0	20.25	20.29	20.07	21.5	1
5	QPSK	12	7	20.07	20.21	20.03		
5	QPSK	12	13	20.08	20.09	20.20		
5	QPSK	25	0	20.24	20.33	20.22		
5	16QAM	1	0	20.14	20.16	20.28	21.5	1
5	16QAM	1	12	20.03	20.28	20.05		
5	16QAM	1	24	20.06	20.14	20.08		
5	16QAM	12	0	19.10	19.32	19.39	20.5	2
5	16QAM	12	7	19.39	19.29	19.27		
5	16QAM	12	13	19.30	19.24	19.22		
5	16QAM	25	0	19.37	19.22	19.32		
5	64QAM	1	0	19.38	19.30	19.28	20.5	2
5	64QAM	1	12	19.20	19.39	19.27		
5	64QAM	1	24	19.35	19.30	19.25		
5	64QAM	12	0	18.31	18.33	18.25	19.5	3
5	64QAM	12	7	18.38	18.22	18.47		
5	64QAM	12	13	18.13	18.23	18.30		
5	64QAM	25	0	18.25	18.27	18.13		
5	256QAM	1	0	16.11	16.32	16.18	17.5	5
5	256QAM	1	12	16.33	16.27	16.21		
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.38	16.13	17.5	5
5	256QAM	12	7	16.10	16.22	16.09		
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.14	21.11	21.11	22.5	0
3	QPSK	1	8	21.04	21.06	21.04		
3	QPSK	1	14	21.04	20.93	21.00		
3	QPSK	8	0	20.28	20.34	20.05	21.5	1
3	QPSK	8	4	20.08	20.13	20.09		
3	QPSK	8	7	20.13	20.15	20.20		
3	QPSK	15	0	20.25	20.33	20.24		
3	16QAM	1	0	20.08	20.20	20.26	21.5	1
3	16QAM	1	8	20.01	20.30	20.07		
3	16QAM	1	14	20.07	20.09	20.02		
3	16QAM	8	0	19.14	19.32	19.39	20.5	2
3	16QAM	8	4	19.37	19.34	19.31		
3	16QAM	8	7	19.29	19.28	19.22		
3	16QAM	15	0	19.37	19.24	19.24		
3	64QAM	1	0	19.44	19.35	19.28	20.5	2
3	64QAM	1	8	19.18	19.40	19.33		
3	64QAM	1	14	19.29	19.33	19.24		
3	64QAM	8	0	18.32	18.34	18.22	19.5	3
3	64QAM	8	4	18.44	18.32	18.42		
3	64QAM	8	7	18.22	18.30	18.22		
3	64QAM	15	0	18.29	18.20	18.13		
3	256QAM	1	0	16.12	16.30	16.18	17.5	5
3	256QAM	1	8	16.33	16.34	16.21		
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.20	16.20	17.5	5
3	256QAM	8	4	16.09	16.16	16.12		
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.17	21.09	22.5	0
1.4	QPSK	1	3	21.05	21.03	21.06		
1.4	QPSK	1	5	21.04	20.94	20.99		
1.4	QPSK	3	0	21.04	21.04	21.02		
1.4	QPSK	3	1	20.93	20.92	20.94		
1.4	QPSK	3	3	20.91	20.84	20.86		
1.4	QPSK	6	0	20.28	20.31	20.25	21.5	1
1.4	16QAM	1	0	20.06	20.18	20.34	21.5	1
1.4	16QAM	1	3	20.06	20.35	20.04		
1.4	16QAM	1	5	20.07	20.15	20.02		
1.4	16QAM	3	0	21.06	21.09	21.02		
1.4	16QAM	3	1	21.01	20.91	20.94		
1.4	16QAM	3	3	20.92	20.89	20.91		
1.4	16QAM	6	0	19.32	19.30	19.30	20.5	2
1.4	64QAM	1	0	19.37	19.29	19.25	20.5	2
1.4	64QAM	1	3	19.26	19.32	19.33		
1.4	64QAM	1	5	19.36	19.34	19.21		
1.4	64QAM	3	0	19.32	19.23	19.15		
1.4	64QAM	3	1	19.09	19.31	19.26		
1.4	64QAM	3	3	19.21	19.17	19.14		
1.4	64QAM	6	0	18.29	18.25	18.08	19.5	3
1.4	256QAM	1	0	16.13	16.25	16.20	17.5	5
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35		
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.5	5

Band 5 Ant0

BW [MHz]	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	22.21	22.32	22.20	24	0
10	QPSK	1	25	22.12	22.12	22.25		
10	QPSK	1	49	22.04	22.19	22.15		
10	QPSK	25	0	21.20	21.26	21.24	23	1
10	QPSK	25	12	21.15	21.21	21.22		
10	QPSK	25	25	21.08	21.08	21.17		
10	QPSK	50	0	21.18	21.23	21.02		
10	16QAM	1	0	21.46	21.50	21.41	23	1
10	16QAM	1	25	21.54	21.56	21.35

Band 12 Ant0

BW [MHz]	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	22.45	22.59	22.50	24	0
10	QPSK	1	25	22.32	22.44	22.38		
10	QPSK	1	49	22.27	22.37	22.44		
10	QPSK	25	0	21.46	21.55	21.53	23	1
10	QPSK	25	12	21.49	21.37	21.52		
10	QPSK	25	25	21.29	21.45	21.51		
10	QPSK	50	0	21.33	21.52	21.21		
10	16QAM	1	0	21.94	21.81	21.73	23	1
10	16QAM	1	25	21.73	21.74	21.70		
10	16QAM	1	49	21.74	21.91	21.79		
10	16QAM	25	0	20.46	20.41	20.26	22	2
10	16QAM	25	12	20.37	20.52	20.56		
10	16QAM	25	25	20.31	20.43	20.36		
10	16QAM	50	0	20.53	20.45	20.49		
10	64QAM	1	0	20.77	20.79	20.84	22	2
10	64QAM	1	25	20.82	20.68	20.66		
10	64QAM	1	49	20.90	20.84	20.76		
10	64QAM	25	0	19.41	19.46	19.32	21	3
10	64QAM	25	12	19.31	19.46	19.36		
10	64QAM	25	25	19.58	19.39	19.51		
10	64QAM	50	0	19.31	19.40	19.40		
10	256QAM	1	0	17.67	17.82	17.78	19	5
10	256QAM	1	25	17.70	17.73	17.90		
10	256QAM	1	49	17.78	17.77	17.78		
10	256QAM	25	0	17.56	17.51	17.39	19	5
10	256QAM	25	12	17.63	17.45	17.56		
10	256QAM	25	25	17.46	17.47	17.52		
10	256QAM	50	0	17.26	17.29	17.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.43	24	0
5	QPSK	1	12	22.28	22.36	22.33		
5	QPSK	1	24	22.14	22.26	22.35		
5	QPSK	12	0	21.42	21.46	21.48	23	1
5	QPSK	12	7	21.37	21.26	21.42		
5	QPSK	12	13	21.23	21.35	21.39		
5	QPSK	25	0	21.28	21.42	21.12		
5	16QAM	1	0	21.83	21.69	21.62	23	1
5	16QAM	1	12	21.62	21.70	21.59		
5	16QAM	1	24	21.65	21.84	21.70		
5	16QAM	12	0	20.33	20.34	20.21	22	2
5	16QAM	12	7	20.29	20.41	20.46		
5	16QAM	12	13	20.25	20.32	20.33		
5	16QAM	25	0	20.42	20.37	20.41		
5	64QAM	1	0	20.64	20.71	20.72	22	2
5	64QAM	1	12	20.73	20.56	20.59		
5	64QAM	1	24	20.78	20.74	20.64		
5	64QAM	12	0	19.38	19.33	19.22	21	3
5	64QAM	12	7	19.19	19.37	19.31		
5	64QAM	12	13	19.54	19.28	19.42		
5	64QAM	25	0	19.26	19.33	19.31		
5	256QAM	1	0	17.63	17.69	17.72	19	5
5	256QAM	1	12	17.66	17.68	17.77		
5	256QAM	1	24	17.67	17.72	17.68		
5	256QAM	12	0	17.50	17.40	17.28	19	5
5	256QAM	12	7	17.54	17.41	17.49		
5	256QAM	12	13	17.37	17.46	17.49		
5	256QAM	25	0	17.18	17.22	17.27		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.41	22.50	22.36	24	0
3	QPSK	1	8	22.20	22.36	22.34		
3	QPSK	1	14	22.14	22.32	22.31		
3	QPSK	8	0	21.35	21.48	21.49	23	1
3	QPSK	8	4	21.41	21.26	21.44		
3	QPSK	8	7	21.16	21.38	21.46		
3	QPSK	15	0	21.23	21.41	21.14		
3	16QAM	1	0	21.91	21.75	21.63	23	1
3	16QAM	1	8	21.63	21.67	21.62		
3	16QAM	1	14	21.62	21.86	21.75		
3	16QAM	8	0	20.36	20.30	20.22	22	2
3	16QAM	8	4	20.34	20.45	20.52		
3	16QAM	8	7	20.22	20.36	20.27		
3	16QAM	15	0	20.45	20.40	20.40		
3	64QAM	1	0	20.73	20.70	20.80	22	2
3	64QAM	1	8	20.74	20.65	20.56		
3	64QAM	1	14	20.84	20.72	20.71		
3	64QAM	8	0	19.28	19.35	19.27	21	3
3	64QAM	8	4	19.18	19.38	19.25		
3	64QAM	8	7	19.45	19.27	19.46		
3	64QAM	15	0	19.20	19.31	19.28		
3	256QAM	1	0	17.58	17.74	17.73	19	5
3	256QAM	1	8	17.59	17.62	17.77		
3	256QAM	1	14	17.71	17.70	17.70		
3	256QAM	8	0	17.51	17.46	17.35	19	5
3	256QAM	8	4	17.54	17.38	17.45		
3	256QAM	8	7	17.39	17.34	17.46		
3	256QAM	15	0	17.22	17.18	17.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.48	22.42	24	0
1.4	QPSK	1	3	22.21	22.35	22.34		
1.4	QPSK	1	5	22.20	22.27	22.35		
1.4	QPSK	3	0	22.36	22.48	22.39		
1.4	QPSK	3	1	22.27	22.40	22.26		
1.4	QPSK	3	3	22.21	22.26	22.35		
1.4	QPSK	6	0	21.28	21.42	21.14	23	1
1.4	16QAM	1	0	21.88	21.74	21.62	23	1
1.4	16QAM	1	3	21.70	21.66	21.64		
1.4	16QAM	1	5	21.66	21.86	21.73		
1.4	16QAM	3	0	21.35	21.44	21.46		
1.4	16QAM	3	1	21.41	21.24	21.42		
1.4	16QAM	3	3	21.18	21.37	21.39		
1.4	16QAM	6	0	20.47	20.34	20.42	22	2
1.4	64QAM	1	0	20.72	20.70	20.74	22	2
1.4	64QAM	1	3	20.70	20.59	20.63		
1.4	64QAM	1	5	20.86	20.73	20.67		
1.4	64QAM	3	0	20.35	20.34	20.19		
1.4	64QAM	3	1	20.24	20.42	20.47		
1.4	64QAM	3	3	20.24	20.33	20.24		
1.4	64QAM	6	0	19.25	19.37	19.35	21	3
1.4	256QAM	1	0	17.62	17.72	17.74	19	5
1.4	256QAM	1	3	17.58	17.66	17.77		
1.4	256QAM	1	5	17.67	17.68	17.67		
1.4	256QAM	3	0	17.45	17.44	17.31		
1.4	256QAM	3	1	17.56	17.37	17.45		
1.4	256QAM	3	3	17.42	17.39	17.39		
1.4	256QAM	6	0	17.17	17.18	17.35	19	5

Band 13 Ant0

BW [MHz]	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		22.85		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.67			
10	QPSK	25	0		21.83		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.75			
10	16QAM	1	0		22.16		23	1
10	16QAM	1	25		22.16			
10	16QAM	1	49		22.06			
10	16QAM	25	0		20.86		22	2
10	16QAM	25	12		21.00			
10	16QAM	25	25		20.92			
10	16QAM	50	0		20.81			
10	64QAM	1	0		21.11		22	2
10	64QAM	1	25		21.10			
10	64QAM	1	49		20.98			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.09			
10	256QAM	25	0		17.81		19	5
10	256QAM	25	12		17.91			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.79	22.79	24	0
5	QPSK	1	12	22.72	22.68	22.73		
5	QPSK	1	24	22.62	22.62	22.61		
5	QPSK	12	0	21.71	21.71	21.70	23	1
5	QPSK	12	7	21.63	21.62	21.61		
5	QPSK	12	13	21.64	21.62	21.60		
5	QPSK	25	0	21.65	21.71	21.70		
5	16QAM	1	0	22.10	22.05	22.06	23	1
5	16QAM	1	12	22.06	22.03	22.04		
5	16QAM	1	24	21.94	22.03	22.01		
5	16QAM	12	0	20.79	20.82	20.82	22	2
5	16QAM	12	7	20.94	20.93	20.96		
5	16QAM	12	13	20.86	20.87	20.79		
5	16QAM	25	0	20.76	20.77	20.69		
5	64QAM	1	0	21.07	21.06	21.03	22	2
5	64QAM	1	12	21.02	21.00	21.05		
5	64QAM	1	24	20.94	20.86	20.94		
5	64QAM	12	0	19.83	19.83	19.87	21	3
5	64QAM	12	7	19.86	19.87	19.80		
5	64QAM	12	13	19.76	19.72	19.75		
5	64QAM	25	0	19.80	19.80	19.80		
5	256QAM	1	0	17.88	17.87	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.87		
5	256QAM	1	24	17.99	18.02	18.05		
5	256QAM	12	0	17.69	17.69	17.68	19	5
5	256QAM	12	7	17.85	17.86	17.80		
5	256QAM	12	13	17.62	17.54	17.59		
5	256QAM	25	0	17.72	17.63	17.70		

Band 17 Ant0

BW [MHz]	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	22.41	22.52	22.45	24	0
10	QPSK	1	25	22.44	22.33	22.48		
10	QPSK	1	49	22.28	22.50	22.23		
10	QPSK	25	0	21.31	21.49	21.46	23	1
10	QPSK	25	12	21.40	21.48	21.42		
10	QPSK	25	25	21.31	21.47	21.42		
10	QPSK	50	0	21.26	21.45	21.42		
10	16QAM	1	0	21.89	21.76	21.87	23	1
10	16QAM	1	25	21.83	21.86	21.68		
10	16QAM	1	49	21.79	21.88	21.69		
10	16QAM	25	0	20.37	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.51	20.60		
10	16QAM	25	25	20.51	20.43	20.64		
10	16QAM	50	0	20.71	20.59	20.67		
10	64QAM	1	0	20.83	20.74	20.86	22	2
10	64QAM	1	25	20.74	20.76	20.60		
10	64QAM	1	49	20.68	20.62	20.61		
10	64QAM	25	0	19.57	19.48	19.39	21	3
10	64QAM	25	12	19.39	19.57	19.41		
10	64QAM	25	25	19.41	19.56	19.33		
10	64QAM	50	0	19.47	19.51	19.36		
10	256QAM	1	0	17.61	17.71	17.58	19	5
10	256QAM	1	25	17.57	17.68	17.64		
10	256QAM	1	49	17.80	17.56	17.63		
10	256QAM	25	0	17.58	17.62	17.59	19	5
10	256QAM	25	12	17.76	17.49	17.48		
10	256QAM	25	25	17.76	17.75	17.57		
10	256QAM	50	0	17.71	17.58	17.52		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.48	22.41	24	0
5	QPSK	1	12	22.31	22.26	22.43		
5	QPSK	1	24	22.20	22.43	22.17		
5	QPSK	12	0	21.20	21.42	21.38	23	1
5	QPSK	12	7	21.34	21.42	21.36		
5	QPSK	12	13	21.24	21.35	21.33		
5	QPSK	25	0	21.21	21.41	21.34		
5	16QAM	1	0	21.78	21.71	21.79	23	1
5	16QAM	1	12	21.73	21.74	21.59		
5	16QAM	1	24	21.71	21.75	21.64		
5	16QAM	12	0	20.32	20.46	20.35	22	2
5	16QAM	12	7	20.26	20.40	20.49		
5	16QAM	12	13	20.39	20.31	20.60		
5	16QAM	25	0	20.59	20.49	20.62		
5	64QAM	1	0	20.75	20.67	20.80	22	2
5	64QAM	1	12	20.66	20.65	20.49		
5	64QAM	1	24	20.61	20.57	20.56		
5	64QAM	12	0	19.47	19.37	19.30	21	3
5	64QAM	12	7	19.33	19.52	19.31		
5	64QAM	12	13	19.36	19.45	19.23		
5	64QAM	25	0	19.34	19.47	19.25		
5	256QAM	1	0	17.54	17.59	17.52	19	5
5	256QAM	1	12	17.50	17.60	17.60		
5	256QAM	1	24	17.72	17.43	17.54		
5	256QAM	12	0	17.48	17.59	17.53	19	5
5	256QAM	12	7	17.67	17.41	17.44		
5	256QAM	12	13	17.72	17.70	17.48		
5	256QAM	25	0	17.60	17.49	17.43		

Band 25 Ant0

BW [MHz]	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	21.32	21.39	21.36	22.5	0
20	QPSK	1	49	21.33	21.21	21.23		
20	QPSK	1	99	21.33	21.31	21.24		
20	QPSK	50	0	20.30	20.51	20.33	21.5	1
20	QPSK	50	24	20.31	20.47	20.43		
20	QPSK	50	50	20.48	20.32	20.47		
20	QPSK	100	0	20.46	20.47	20.41		
20	16QAM	1	0	20.63	20.75	20.76	21.5	1
20	16QAM	1	49	20.72	20.76	20.83		
20	16QAM	1	99	20.87	20.79	20.84		
20	16QAM	50	0	19.43	19.44	19.43	20.5	2
20	16QAM	50	24	19.39	19.35	19.47		
20	16QAM	50	50	19.50	19.54	19.45		
20	16QAM	100	0	19.51	19.48	19.44		
20	64QAM	1	0	19.61	19.57	19.53	20.5	2
20	64QAM	1	49	19.67	19.66	19.49		
20	64QAM	1	99	19.65	19.54	19.55		
20	64QAM	50	0	18.41	18.51	18.61	19.5	3
20	64QAM	50	24	18.41	18.52	18.52		
20	64QAM	50	50	18.42	18.54	18.61		
20	64QAM	100	0	18.54	18.52	18.51		
20	256QAM	1	0	16.46	16.54	16.46	17.5	5
20	256QAM	1	49	16.66	16.59	16.52		
20	256QAM	1	99	16.61	16.47	16.47		
20	256QAM	50	0	16.46	16.51	16.54	17.5	5
20	256QAM	50	24	16.54	16.58	16.49		
20	256QAM	50	50	16.62	16.52	16.56		
20	256QAM	100	0	16.49	16.47	16.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.24	21.26	21.30	22.5	0
15	QPSK	1	37	21.26	21.14	21.20		
15	QPSK	1	74	21.27	21.23	21.16		
15	QPSK	36	0	20.18	20.38	20.23	21.5	1
15	QPSK	36	20	20.28	20.38	20.30		
15	QPSK	36	39	20.44	20.24	20.44		
15	QPSK	75	0	20.38	20.40	20.36		
15	16QAM	1	0	20.55	20.65	20.65	21.5	1
15	16QAM	1	37	20.66	20.66	20.72		
15	16QAM	1	74	20.83	20.75	20.73		
15	16QAM	36	0	19.39	19.38	19.32	20.5	2
15	16QAM	36	20	19.33	19.28	19.43		
15	16QAM	36	39	19.45	19.51	19.32		
15	16QAM	75	0	19.43	19.37	19.40		
15	64QAM	1	0	19.55	19.51	19.42	20.5	2
15	64QAM	1	37	19.61	19.61	19.36		
15	64QAM	1	74	19.54	19.43	19.44		
15	64QAM	36	0	18.30	18.47	18.53	19.5	3
15	64QAM	36	20	18.39	18.41	18.49		
15	64QAM	36	39	18.31	18.46	18.54		
15	64QAM	75	0	18.47	18.48	18.39		
15	256QAM	1	0	16.43	16.41	16.36	17.5	5
15	256QAM	1	37	16.54	16.52	16.46		
15	256QAM	1	74	16.50	16.39	16.39		
15	256QAM	36	0	16.39	16.43	16.48	17.5	5
15	256QAM	36	20	16.47	16.54	16.45		
15	256QAM	36	39	16.58	16.52	16.56		
15	256QAM	75	0	16.39	16.37	16.30		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.20	21.26	21.32	22.5	0
10	QPSK	1	25	21.21	21.10	21.11		
10	QPSK	1	49	21.27	21.24	21.18		
10	QPSK	25	0	20.19	20.44	20.26	21.5	1
10	QPSK	25	12	20.24	20.34	20.39		
10	QPSK	25	25	20.38	20.27	20.40		
10	QPSK	50	0	20.40	20.42	20.32		
10	16QAM	1	0	20.57	20.66	20.68	21.5	1
10	16QAM	1	25	20.63	20.64	20.79		
10	16QAM	1	49	20.82	20.72	20.75		
10	16QAM	25	0	19.38	19.37	19.39	20.5	2
10	16QAM	25	12	19.27	19.27	19.42		
10	16QAM	25	25	19.43	19.48	19.32		
10	16QAM	50	0	19.40	19.43	19.38		
10	64QAM	1	0	19.55	19.53	19.45	20.5	2
10	64QAM	1	25	19.55	19.54	19.42		
10	64QAM	1	49	19.58	19.45	19.44		
10	64QAM	25	0	18.36	18.44	18.57	19.5	3
10	64QAM	25	12	18.37	18.43	18.45		
10	64QAM	25	25	18.35	18.48	18.58		
10	64QAM	50	0	18.42	18.45	18.46		
10	256QAM	1	0	16.37	16.46	16.37	17.5	5
10	256QAM	1	25	16.62	16.56	16.46		
10	256QAM	1	49	16.58	16.36	16.37		
10	256QAM	25	0	16.36	16.40	16.44	17.5	5
10	256QAM	25	12	16.41	16.48	16.45		
10	256QAM	25	25	16.55	16.57	16.44		
10	256QAM	50	0	16.45	16.42	16.29		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.28	21.35	21.28	22.5	0
5	QPSK	1	12	21.25	21.09	21.15		
5	QPSK	1	24	21.27	21.26	21.16		
5	QPSK	12	0	20.22	20.42	20.23	21.5	1
5	QPSK	12	7	20.25	20.34	20.38		
5	QPSK	12	13	20.43	20.24	20.42		
5	QPSK	25	0	20.37	20.43	20.36		
5	16QAM	1	0	20.57	20.69	20.71	21.5	1
5	16QAM	1	12	20.59	20.65	20.74		
5	16QAM	1	24	20.80	20.75	20.72		
5	16QAM	12	0	19.38	19.32	19.34	20.5	2
5	16QAM	12	7	19.28	19.25	19.39		
5	16QAM	12	13	19.46	19.43	19.33		
5	16QAM	25	0	19.40	19.42	19.34		
5	64QAM	1	0	19.57	19.51	19.40	20.5	2
5	64QAM	1	12	19.54	19.60	19.41		
5	64QAM	1	24	19.55	19.47	19.44		
5	64QAM	12	0	18.29	18.42	18.49	19.5	3
5	64QAM	12	7	18.34	18.40	18.41		
5	64QAM	12	13	18.34	18.47	18.55		
5	64QAM	25	0	18.48	18.49	18.41		
5	256QAM	1	0	16.41	16.41	16.41	17.5	5
5	256QAM	1	12	16.60	16.52	16.40		
5	256QAM	1	24	16.57	16.34	16.42		
5	256QAM	12	0	16.33	16.48	16.48	17.5	5
5	256QAM	12	7	16.50	16.52	16.46		
5	256QAM	12	13	16.54	16.58	16.43		
5	256QAM	25	0	16.40	16.39	16.29		
Channel				26035	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.24	21.33	21.32	22.5	0
3	QPSK	1	8	21.22	21.13	21.16		
3	QPSK	1	14	21.21	21.24	21.11		
3	QPSK	8	0	20.23	20.41	20.22	21.5	1
3	QPSK	8	4	20.20	20.44	20.40		
3	QPSK	8	7	20.36	20.24	20.36		
3	QPSK	15	0	20.41	20.43	20.37		
3	16QAM	1	0	20.53	20.69	20.66	21.5	1
3	16QAM	1	8	20.66	20.65	20.72		
3	16QAM	1	14	20.77	20.68	20.75		
3	16QAM	8	0	19.37	19.34	19.32	20.5	2
3	16QAM	8	4	19.34	19.28	19.42		
3	16QAM	8	7	19.47	19.51	19.38		
3	16QAM	15	0	19.43	19.43	19.39		
3	64QAM	1	0	19.52	19.51	19.43	20.5	2
3	64QAM	1	8	19.56	19.63	19.43		
3	64QAM	1	14	19.62	19.42	19.51		
3	64QAM	8	0	18.29	18.46	18.55	19.5	3
3	64QA

Band 26 for FCC Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.51	22.45	24	0
15	QPSK	1	37	22.39	22.49	22.27		
15	QPSK	1	74	22.34	22.20	22.38		
15	QPSK	36	0	21.29	21.48	21.37	23	1
15	QPSK	36	20	21.27	21.27	21.44		
15	QPSK	36	39	21.43	21.32	21.38		
15	QPSK	75	0	21.36	21.45	21.26		
15	16QAM	1	0	21.69	21.78	21.69	23	1
15	16QAM	1	37	21.81	21.84	21.73		
15	16QAM	1	74	21.86	21.83	21.73		
15	16QAM	36	0	20.41	20.52	20.54	22	2
15	16QAM	36	20	20.54	20.44	20.65		
15	16QAM	36	39	20.56	20.49	20.55		
15	16QAM	75	0	20.34	20.47	20.39		
15	64QAM	1	0	20.83	20.77	20.75	22	2
15	64QAM	1	37	20.84	20.68	20.71		
15	64QAM	1	74	20.73	20.89	20.75		
15	64QAM	36	0	19.65	19.53	19.53	21	3
15	64QAM	36	20	19.48	19.44	19.53		
15	64QAM	36	39	19.61	19.64	19.40		
15	64QAM	75	0	19.41	19.50	19.56		
15	256QAM	1	0	17.69	17.78	17.77	19	5
15	256QAM	1	37	17.89	17.67	17.76		
15	256QAM	1	74	17.75	17.84	17.87		
15	256QAM	36	0	17.58	17.63	17.53	19	5
15	256QAM	36	20	17.60	17.65	17.54		
15	256QAM	36	39	17.70	17.66	17.73		
15	256QAM	75	0	17.56	17.60	17.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.44	22.40	22.39	24	0
10	QPSK	1	25	22.34	22.39	22.16		
10	QPSK	1	49	22.28	22.24	22.26		
10	QPSK	25	0	21.24	21.44	21.33	23	1
10	QPSK	25	12	21.23	21.22	21.37		
10	QPSK	25	25	21.37	21.20	21.31		
10	QPSK	50	0	21.28	21.35	21.15		
10	16QAM	1	0	21.62	21.67	21.65	23	1
10	16QAM	1	25	21.74	21.73	21.61		
10	16QAM	1	49	21.74	21.77	21.67		
10	16QAM	25	0	20.37	20.47	20.49	22	2
10	16QAM	25	12	20.44	20.40	20.53		
10	16QAM	25	25	20.51	20.38	20.50		
10	16QAM	50	0	20.28	20.41	20.33		
10	64QAM	1	0	20.76	20.72	20.64	22	2
10	64QAM	1	25	20.75	20.63	20.58		
10	64QAM	1	49	20.67	20.85	20.66		
10	64QAM	25	0	19.59	19.45	19.42	21	3
10	64QAM	25	12	19.38	19.36	19.49		
10	64QAM	25	25	19.55	19.60	19.28		
10	64QAM	50	0	19.34	19.43	19.45		
10	256QAM	1	0	17.57	17.68	17.66	19	5
10	256QAM	1	25	17.80	17.57	17.73		
10	256QAM	1	49	17.68	17.75	17.84		
10	256QAM	25	0	17.50	17.51	17.50	19	5
10	256QAM	25	12	17.55	17.60	17.49		
10	256QAM	25	25	17.64	17.56	17.60		
10	256QAM	50	0	17.49	17.55	17.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.45	22.36	24	0
5	QPSK	1	12	22.33	22.46	22.16		
5	QPSK	1	24	22.27	22.23	22.26		
5	QPSK	12	0	21.22	21.41	21.31	23	1
5	QPSK	12	7	21.18	21.16	21.37		
5	QPSK	12	13	21.37	21.22	21.26		
5	QPSK	25	0	21.29	21.38	21.22		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.74	21.68		
5	16QAM	1	24	21.79	21.79	21.64		
5	16QAM	12	0	20.31	20.43	20.50	22	2
5	16QAM	12	7	20.41	20.34	20.58		
5	16QAM	12	13	20.46	20.37	20.44		
5	16QAM	25	0	20.23	20.41	20.26		
5	64QAM	1	0	20.79	20.71	20.69	22	2
5	64QAM	1	12	20.73	20.63	20.60		
5	64QAM	1	24	20.68	20.81	20.65		
5	64QAM	12	0	19.56	19.49	19.43	21	3
5	64QAM	12	7	19.42	19.41	19.45		
5	64QAM	12	13	19.48	19.51	19.36		
5	64QAM	25	0	19.30	19.38	19.44		
5	256QAM	1	0	17.64	17.66	17.64	19	5
5	256QAM	1	12	17.84	17.60	17.69		
5	256QAM	1	24	17.67	17.74	17.74		
5	256QAM	12	0	17.53	17.54	17.42	19	5
5	256QAM	12	7	17.51	17.62	17.46		
5	256QAM	12	13	17.61	17.60	17.66		
5	256QAM	25	0	17.45	17.51	17.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.43	22.47	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.19		
3	QPSK	1	14	22.29	22.25	22.27		
3	QPSK	8	0	21.20	21.44	21.26	23	1
3	QPSK	8	4	21.16	21.17	21.39		
3	QPSK	8	7	21.38	21.27	21.26		
3	QPSK	15	0	21.26	21.41	21.21		
3	16QAM	1	0	21.61	21.66	21.59	23	1
3	16QAM	1	8	21.75	21.73	21.64		
3	16QAM	1	14	21.82	21.80	21.65		
3	16QAM	8	0	20.34	20.44	20.50	22	2
3	16QAM	8	4	20.42	20.39	20.53		
3	16QAM	8	7	20.48	20.42	20.48		
3	16QAM	15	0	20.27	20.37	20.26		
3	64QAM	1	0	20.78	20.67	20.68	22	2
3	64QAM	1	8	20.79	20.55	20.61		
3	64QAM	1	14	20.62	20.77	20.65		
3	64QAM	8	0	19.55	19.43	19.41	21	3
3	64QAM	8	4	19.36	19.32	19.47		
3	64QAM	8	7	19.57	19.58	19.36		
3	64QAM	15	0	19.29	19.41	19.43		
3	256QAM	1	0	17.65	17.75	17.70	19	5
3	256QAM	1	8	17.85	17.55	17.72		
3	256QAM	1	14	17.63	17.78	17.76		
3	256QAM	8	0	17.49	17.53	17.44	19	5
3	256QAM	8	4	17.51	17.62	17.44		
3	256QAM	8	7	17.59	17.55	17.65		
3	256QAM	15	0	17.51	17.48	17.43		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.39	22.37	24	0
1.4	QPSK	1	3	22.27	22.41	22.19		
1.4	QPSK	1	5	22.22	22.23	22.30		
1.4	QPSK	3	0	22.39	22.44	22.39		
1.4	QPSK	3	1	22.33	22.39	22.16		
1.4	QPSK	3	3	22.22	22.25	22.29		
1.4	QPSK	6	0	21.31	21.40	21.19	23	1
1.4	16QAM	1	0	21.63	21.66	21.62	23	1
1.4	16QAM	1	3	21.70	21.79	21.60		
1.4	16QAM	1	5	21.83	21.75	21.68		
1.4	16QAM	3	0	21.18	21.44	21.32		
1.4	16QAM	3	1	21.14	21.23	21.34		
1.4	16QAM	3	3	21.40	21.28	21.31		
1.4	16QAM	6	0	20.28	20.37	20.28	22	2
1.4	64QAM	1	0	20.77	20.69	20.66	22	2
1.4	64QAM	1	3	20.74	20.63	20.62		
1.4	64QAM	1	5	20.65	20.82	20.65		
1.4	64QAM	3	0	20.37	20.46	20.50		
1.4	64QAM	3	1	20.49	20.32	20.61		
1.4	64QAM	3	3	20.46	20.44	20.50		
1.4	64QAM	6	0	19.37	19.47	19.46	21	3
1.4	256QAM	1	0	17.65	17.68	17.66	19	5
1.4	256QAM	1	3	17.77	17.57	17.66		
1.4	256QAM	1	5	17.69	17.79	17.77		
1.4	256QAM	3	0	17.54	17.60	17.43		
1.4	256QAM	3	1	17.57	17.60	17.44		
1.4	256QAM	3	3	17.65	17.59	17.68		
1.4	256QAM	6	0	17.49	17.56	17.41	19	5

Band 66 Ant0

BW [MHz]	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	21.25	21.32	21.27	22.5	0
20	QPSK	1	49	21.20	21.23	21.24		
20	QPSK	1	99	21.23	21.17	21.09		
20	QPSK	50	0	20.16	20.29	20.14	21.5	1
20	QPSK	50	24	20.21	20.22	20.07		
20	QPSK	50	50	20.25	20.08	20.26		
20	QPSK	100	0	20.11	20.27	20.23		
20	16QAM	1	0	20.52	20.58	20.47	21.5	1
20	16QAM	1	49	20.63	20.61	20.63		
20	16QAM	1	99	20.47	20.51	20.53		
20	16QAM	50	0	19.22	19.26	19.14	20.5	2
20	16QAM	50	24	19.18	19.34	19.36		
20	16QAM	50	50	19.29	19.26	19.36		
20	16QAM	100	0	19.40	19.29	19.41		
20	64QAM	1	0	19.50	19.46	19.37	20.5	2
20	64QAM	1	49	19.47	19.50	19.59		
20	64QAM	1	99	19.57	19.37	19.47		
20	64QAM	50	0	18.27	18.24	18.20	19.5	3
20	64QAM	50	24	18.22	18.12	18.15		
20	64QAM	50	50	18.12	18.22	18.22		
20	64QAM	100	0	18.33	18.26	18.25		
20	256QAM	1	0	16.22	16.32	16.28	17.5	5
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.5	5
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.15	21.26	21.22	22.5	0
15	QPSK	1	37	21.08	21.19	21.18		
15	QPSK	1	74	21.16	21.05	21.04		
15	QPSK	36	0	20.10	20.20	20.04	21.5	1
15	QPSK	36	20	20.12	20.15	19.94		
15	QPSK	36	39	20.19	20.02	20.18		
15	QPSK	75	0	20.03	20.23	20.11		
15	16QAM	1	0	20.45	20.50	20.42	21.5	1
15	16QAM	1	37	20.54	20.56	20.60		
15	16QAM	1	74	20.35	20.42	20.41		
15	16QAM	36	0	19.17	19.14	19.05	20.5	2
15	16QAM	36	20	19.05	19.26	19.29		
15	16QAM	36	39	19.22	19.19	19.30		
15	16QAM	75	0	19.29	19.18	19.31		
15	64QAM	1	0	19.38	19.34	19.28	20.5	2
15	64QAM	1	37	19.43	19.46	19.51		
15	64QAM	1	74	19.45	19.24	19.38		
15	64QAM	36	0	18.23	18.11	18.11	19.5	3
15	64QAM	36	20	18.14	18.07	18.04		
15	64QAM	36	39	18.03	18.10	18.13		
15	64QAM	75	0	18.29	18.21	18.17		
15	256QAM	1	0	16.15	16.26	16.16	17.5	5
15	256QAM	1	37	16.21	16.17	16.16		
15	256QAM	1	74	16.26	16.17	16.26		
15	256QAM	36	0	16.19	16.18	16.23	17.5	5
15	256QAM	36	20	16.27	16.27	16.22		
15	256QAM	36	39	16.19	16.23	16.26		
15	256QAM	75	0	16.15	16.14	16.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.13	21.29	21.23	22.5	0
10	QPSK	1	25	21.13	21.18	21.16		
10	QPSK	1	49	21.17	21.06	20.97		
10	QPSK	25	0	20.12	20.19	20.01	21.5	1
10	QPSK	25	12	20.17	20.12	20.01		
10	QPSK	25	25	20.22	19.98	20.17		
10	QPSK	50	0	20.05	20.21	20.19		
10	16QAM	1	0	20.40	20.48	20.42	21.5	1
10	16QAM	1	25	20.52	20.50	20.59		
10	16QAM	1	49	20.36	20.41	20.44		
10	16QAM	25	0	19.17	19.18	19.10	20.5	2
10	16QAM	25	12	19.05	19.29	19.24		
10	16QAM	25	25	19.22	19.21	19.30		
10	16QAM	50	0	19.29	19.26	19.37		
10	64QAM	1	0	19.39	19.38	19.29	20.5	2
10	64QAM	1	25	19.34	19.42	19.50		
10	64QAM	1	49	19.47	19.28	19.39		
10	64QAM	25	0	18.22	18.16	18.10	19.5	3
10	64QAM	25	12	18.16	18.06	18.07		
10	64QAM	25	25	18.06	18.17	18.12		
10	64QAM	50	0	18.24	18.14	18.20		
10	256QAM	1	0	16.11	16.27	16.15	17.5	5
10	256QAM	1	25	16.13	16.16	16.14		
10	256QAM	1	49	16.30	16.18	16.23		
10	256QAM	25	0	16.12	16.22	16.27	17.5	5
10	256QAM	25	12	16.29	16.31	16.24		
10	256QAM	25	25	16.24	16.29	16.28		
10	256QAM	50	0	16.13	16.13	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.21	21.20	21.14	22.5	0
5	QPSK	1	12	21.11	21.19	21.12		
5	QPSK	1	24	21.20	21.13	21.06		
5	QPSK	12	0	20.13	20.25	20.01	21.5	1
5	QPSK	12	7	20.11	20.14	20.04		
5	QPSK	12	13	20.16	20.05	20.13		
5	QPSK	25	0	20.04	20.17	20.20		
5	16QAM	1	0	20.45	20.49	20.39	21.5	1
5	16QAM	1	12	20.58	20.53	20.52		
5	16QAM	1	24	20.41	20.43	20.49		
5	16QAM	12	0	19.16	19.23	19.10	20.5	2
5	16QAM	12	7	19.09	19.26	19.29		
5	16QAM	12	13	19.17	19.15	19.27		
5	16QAM	25	0	19.29	19.19	19.33		
5	64QAM	1	0	19.46	19.36	19.34	20.5	2
5	64QAM	1	12	19.34	19.40	19.47		
5	64QAM	1	24	19.51	19.31	19.44		
5	64QAM	12	0	18.16	18.13	18.11	19.5	3
5	64QAM	12	7	18.17	18.09	18.06		
5	64QAM	12	13	18.00	18.15	18.15		
5	64QAM	25	0	18.29	18.13	18.21		
5	256QAM	1	0	16.12	16.28	16.22	17.5	5
5	256QAM	1	12	16.13	16.20	16.18		
5	256QAM	1	24	16.30	16.17	16.20		
5	256QAM	12	0	16.14	16.15	16.22	17.5	5
5	256QAM	12	7	16.26	16.28	16.16		
5	256QAM	12	13	16.26	16.28	16.26		
5	256QAM	25	0	16.12	16.13	16.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.16	21.26	21.17	22.5	0
3	QPSK	1	8	21.11	21.11	21.15		
3	QPSK	1	14	21.13	21.08	20.99		
3	QPSK	8	0	20.12	20.17	20.09	21.5	1
3	QPSK	8	4	20.17	20.19	19.96		
3	QPSK	8	7	20.21	20.02	20.15		
3	QPSK	15	0	20.04	20.16	20.13		
3	16QAM	1	0	20.42	20.47	20.38	21.5	1
3	16QAM	1	8	20.58	20.55	20.58		
3	16QAM	1	14	20.35	20.39	20.49		
3	16QAM	8	0	19.15	19.21	19.09	20.5	2
3	16QAM	8	4	19.10	19.28	19.27		
3	16QAM	8	7	19.18	19.16	19.28		
3	16QAM	15	0	19.36	19.21	19.29		
3	64QAM	1	0	19.45	19.40	19.33	20.5	2
3	64QAM	1	8	19.38	19.44	19.55		
3	64QAM	1	14	19.51	19.30	19.38		
3	64QAM	8	0	18.23	18.19	18.08	19.5	3
3	64QAM	8	4	18.09	18.07	18.04		
3	64QAM	8	7	18.00	18.12	18.15		
3	64QAM	15	0	18.27	18.17	18.15		
3	256QAM	1	0	16.12	16.25	16.23	17.5	5
3	256QAM	1	8	16.14	16.12	16.11		
3	256QAM	1	14	16.27	16.17	16.23		
3	256QAM	8	0	16.17	16.19	16.25	17.5	5
3	256QAM	8	4	16.27	16.34	16.16		
3	256QAM	8	7	16.17	16.22	16.24		
3	256QAM	15	0	16.14	16.19	16.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.20	21.22	21.19	22.5	0
1.4	QPSK	1	3	21.12	21.18	21.16		
1.4	QPSK	1	5	21.19	21.06	21.02		
1.4	QPSK	3	0	21.15	21.27	21.20		
1.4	QPSK	3	1	21.08	21.12	21.17		
1.4	QPSK	3	3	21.17	21.06	21.06		
1.4	QPSK	6	0	20.04	20.16	20.12	21.5	1
1.4	16QAM	1	0	20.40	20.52	20.34	21.5	1
1.4	16QAM	1	3	20.53	20.55	20.58		
1.4	16QAM	1	5	20.38	20.45	20.45		
1.4	16QAM	3	0	20.40	20.52	20.34		
1.4	16QAM	3	1	20.53	20.55	20.58		
1.4	16QAM	3	3	20.38	20.45	20.45		
1.4	16QAM	6	0	19.28	19.16	19.28	20.5	2
1.4	64QAM	1	0	19.45	19.39	19.24	20.5	2
1.4	64QAM	1	3	19.37	19.44	19.52		
1.4	64QAM	1	5	19.49	19.24	19.38		
1.4	64QAM	3	0	19.10	19.18	19.07		
1.4	64QAM	3	1	19.09	19.27	19.26		
1.4	64QAM	3	3	19.21	19.17	19.27		
1.4	64QAM	6	0	18.28	18.15	18.12	19.5	3
1.4	256QAM	1	0	16.15	16.22	16.21	17.5	5
1.4	256QAM	1	3	16.17	16.14	16.13		
1.4	256QAM	1	5	16.30	16.15	16.24		
1.4	256QAM	3	0	16.18	16.19	16.28		
1.4	256QAM	3	1	16.31	16.33	16.23		
1.4	256QAM	3	3	16.20	16.25	16.22		
1.4	256QAM	6	0	16.16	16.14	16.21	17.5	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.81	22.92	22.68	24	0
20	QPSK	1	49	22.68	22.87	22.55		
20	QPSK	1	99	22.76	22.89	22.43		
20	QPSK	50	0	21.64	21.89	21.63	23	1
20	QPSK	50	24	21.79	21.78	21.85		
20	QPSK	50	50	21.64	21.78	21.67		
20	QPSK	100	0	21.72	21.86	21.67		
20	16QAM	1	0	22.30	22.18	22.20	23	1
20	16QAM	1	49	22.30	22.14	22.07		
20	16QAM	1	99	22.23	22.09	22.31		
20	16QAM	50	0	20.87	20.87	20.75	22	2
20	16QAM	50	24	20.99	20.95	20.98		
20	16QAM	50	50	20.80	20.93	20.92		
20	16QAM	100	0	20.85	20.96	20.94		
20	64QAM	1	0	21.12	21.14	21.08	22	2
20	64QAM	1	49	21.19	21.21	21.17		
20	64QAM	1	99	21.23	21.09	21.07		
20	64QAM	50	0	19.99	19.87	19.88	21	3
20	64QAM	50	24	19.79	19.96	19.97		
20	64QAM	50	50	19.85	19.80	19.82		
20	64QAM	100	0	19.80	19.82	19.95		
20	256QAM	1	0	18.15	18.13	18.26	19	5
20	256QAM	1	49	18.05	18.21	18.20		
20	256QAM	1	99	18.04	18.19	18.02		
20	256QAM	50	0	18.02	18.01	18.01	19	5
20	256QAM	50	24	18.03	18.07	17.88		
20	256QAM	50	50	18.04	18.10	18.04		
20	256QAM	100	0	17.95	18.02	17.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.48	22.39	24	0
15	QPSK	1	37	22.35	22.44	22.23		
15	QPSK	1	74	22.25	22.26	22.34		
15	QPSK	36	0	21.21	21.35	21.24	23	1
15	QPSK	36	20	21.23	21.19	21.32		
15	QPSK	36	39	21.33	21.22	21.27		
15	QPSK	75	0	21.24	21.38	21.21		
15	16QAM	1	0	21.63	21.69	21.66	23	1
15	16QAM	1	37	21.72	21.78	21.65		
15	16QAM	1	74	21.78	21.73	21.63		
15	16QAM	36	0	20.33	20.44	20.44	22	2
15	16QAM	36

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BW [MHz]	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	21.48	21.51	21.29	22.5	0
20	QPSK	1	49	21.39	21.47	21.24		
20	QPSK	1	99	21.43	21.36	21.13		
20	QPSK	50	0	20.38	20.47	20.32	21.5	1
20	QPSK	50	24	20.20	20.45	20.45		
20	QPSK	50	50	20.38	20.27	20.42		
20	QPSK	100	0	20.32	20.39	20.29		
20	16QAM	1	0	20.44	20.54	20.47	21.5	1
20	16QAM	1	49	20.59	20.62	20.44		
20	16QAM	1	99	20.52	20.54	20.55		
20	16QAM	50	0	19.41	19.46	19.51	20.5	2
20	16QAM	50	24	19.49	19.51	19.57		
20	16QAM	50	50	19.58	19.44	19.47		
20	16QAM	100	0	19.38	19.43	19.50		
20	64QAM	1	0	19.08	19.15	19.08	20.5	2
20	64QAM	1	49	19.03	19.02	19.19		
20	64QAM	1	99	19.07	19.22	19.16		
20	64QAM	50	0	18.54	18.49	18.52	19.5	3
20	64QAM	50	24	18.42	18.51	18.47		
20	64QAM	50	50	18.62	18.54	18.53		
20	64QAM	100	0	18.50	18.42	18.33		
20	256QAM	1	0	16.33	16.36	16.34	17.5	5
20	256QAM	1	49	16.31	16.27	16.25		
20	256QAM	1	99	16.31	16.31	16.34		
20	256QAM	50	0	16.50	16.49	16.44	17.5	5
20	256QAM	50	24	16.51	16.41	16.59		
20	256QAM	50	50	16.61	16.52	16.41		
20	256QAM	100	0	16.27	16.39	16.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.43	21.45	21.21	22.5	0
15	QPSK	1	37	21.29	21.38	21.12		
15	QPSK	1	74	21.33	21.28	21.05		
15	QPSK	36	0	20.30	20.41	20.22	21.5	1
15	QPSK	36	20	20.08	20.35	20.40		
15	QPSK	36	39	20.28	20.16	20.29		
15	QPSK	75	0	20.26	20.36	20.26		
15	16QAM	1	0	20.36	20.47	20.37	21.5	1
15	16QAM	1	37	20.47	20.54	20.36		
15	16QAM	1	74	20.47	20.41	20.44		
15	16QAM	36	0	19.29	19.40	19.48	20.5	2
15	16QAM	36	20	19.42	19.41	19.47		
15	16QAM	36	39	19.47	19.36	19.37		
15	16QAM	75	0	19.27	19.34	19.40		
15	64QAM	1	0	18.98	19.05	19.02	20.5	2
15	64QAM	1	37	18.93	18.93	19.12		
15	64QAM	1	74	19.02	19.16	19.06		
15	64QAM	36	0	18.41	18.43	18.43	19.5	3
15	64QAM	36	20	18.35	18.47	18.42		
15	64QAM	36	39	18.50	18.49	18.46		
15	64QAM	75	0	18.40	18.32	18.24		
15	256QAM	1	0	16.25	16.25	16.23	17.5	5
15	256QAM	1	37	16.26	16.21	16.14		
15	256QAM	1	74	16.22	16.22	16.23		
15	256QAM	36	0	16.38	16.42	16.39	17.5	5
15	256QAM	36	20	16.40	16.29	16.52		
15	256QAM	36	39	16.56	16.42	16.29		
15	256QAM	75	0	16.21	16.30	16.17		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.45	21.39	21.22	22.5	0
10	QPSK	1	25	21.33	21.39	21.21		
10	QPSK	1	49	21.33	21.31	21.07		
10	QPSK	25	0	20.32	20.34	20.27	21.5	1
10	QPSK	25	12	20.16	20.41	20.33		
10	QPSK	25	25	20.27	20.22	20.30		
10	QPSK	50	0	20.28	20.30	20.21		
10	16QAM	1	0	20.41	20.46	20.38	21.5	1
10	16QAM	1	25	20.55	20.50	20.33		
10	16QAM	1	49	20.42	20.48	20.50		
10	16QAM	25	0	19.37	19.40	19.46	20.5	2
10	16QAM	25	12	19.43	19.39	19.52		
10	16QAM	25	25	19.49	19.38	19.39		
10	16QAM	50	0	19.30	19.31	19.43		
10	64QAM	1	0	19.03	19.11	19.04	20.5	2
10	64QAM	1	25	18.98	18.98	19.11		
10	64QAM	1	49	19.02	19.10	19.06		
10	64QAM	25	0	18.41	18.42	18.39	19.5	3
10	64QAM	25	12	18.39	18.40	18.34		
10	64QAM	25	25	18.57	18.46	18.52		
10	64QAM	50	0	18.39	18.35	18.23		
10	256QAM	1	0	16.21	16.31	16.23	17.5	5
10	256QAM	1	25	16.18	16.14	16.21		
10	256QAM	1	49	16.24	16.23	16.24		
10	256QAM	25	0	16.42	16.44	16.35	17.5	5
10	256QAM	25	12	16.44	16.32	16.46		
10	256QAM	25	25	16.48	16.43	16.32		
10	256QAM	50	0	16.17	16.36	16.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.41	21.46	21.22	22.5	0
5	QPSK	1	12	21.35	21.36	21.13		
5	QPSK	1	24	21.32	21.26	21.09		
5	QPSK	12	0	20.32	20.39	20.20	21.5	1
5	QPSK	12	7	20.12	20.37	20.39		
5	QPSK	12	13	20.26	20.20	20.35		
5	QPSK	25	0	20.22	20.35	20.21		
5	16QAM	1	0	20.33	20.42	20.43	21.5	1
5	16QAM	1	12	20.53	20.53	20.33		
5	16QAM	1	24	20.47	20.46	20.50		
5	16QAM	12	0	19.36	19.41	19.42	20.5	2
5	16QAM	12	7	19.44	19.42	19.54		
5	16QAM	12	13	19.53	19.34	19.38		
5	16QAM	25	0	19.30	19.37	19.42		
5	64QAM	1	0	18.98	19.06	19.02	20.5	2
5	64QAM	1	12	18.96	18.98	19.12		
5	64QAM	1	24	19.00	19.12	19.08		
5	64QAM	12	0	18.44	18.44	18.40	19.5	3
5	64QAM	12	7	18.30	18.38	18.34		
5	64QAM	12	13	18.58	18.48	18.44		
5	64QAM	25	0	18.43	18.38	18.26		
5	256QAM	1	0	16.22	16.28	16.27	17.5	5
5	256QAM	1	12	16.27	16.22	16.13		
5	256QAM	1	24	16.23	16.21	16.25		
5	256QAM	12	0	16.45	16.38	16.41	17.5	5
5	256QAM	12	7	16.44	16.33	16.55		
5	256QAM	12	13	16.49	16.39	16.33		
5	256QAM	25	0	16.15	16.31	16.17		

Band 41 Ant0

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	21.59	21.41	21.69	21.33	21.22	22.5	0
20	QPSK	1	49	21.29	21.31	21.58	21.26	21.26		
20	QPSK	1	99	21.22	21.32	21.62	21.29	21.21		
20	QPSK	50	0	20.33	20.38	20.53	20.35	20.39	21.5	1
20	QPSK	50	24	20.51	20.32	20.45	20.52	20.42		
20	QPSK	50	50	20.41	20.50	20.33	20.41	20.45		
20	QPSK	100	0	20.48	20.34	20.49	20.47	20.39		
20	16QAM	1	0	20.51	20.56	20.58	20.55	20.58	21.5	1
20	16QAM	1	49	20.67	20.46	20.46	20.57	20.45		
20	16QAM	1	99	20.69	20.60	20.52	20.51	20.57		
20	16QAM	50	0	19.46	19.59	19.52	19.61	19.53	20.5	2
20	16QAM	50	24	19.62	19.39	19.63	19.55	19.52		
20	16QAM	50	50	19.46	19.52	19.45	19.41	19.50		
20	16QAM	100	0	19.55	19.55	19.45	19.54	19.57		
20	64QAM	1	0	19.32	19.20	19.22	19.20	19.19	20.5	2
20	64QAM	1	49	19.24	19.20	19.24	19.28	19.28		
20	64QAM	1	99	19.22	19.10	19.23	19.25	19.22		
20	64QAM	50	0	18.45	18.51	18.51	18.52	18.53	19.5	3
20	64QAM	50	24	18.62	18.56	18.42	18.54	18.63		
20	64QAM	50	50	18.51	18.50	18.55	18.55	18.54		
20	64QAM	100	0	18.38	18.56	18.43	18.49	18.47		
20	256QAM	1	0	16.26	16.39	16.38	16.38	16.39	17.5	5
20	256QAM	1	49	16.41	16.35	16.49	16.48	16.29		
20	256QAM	1	99	16.34	16.42	16.43	16.41	16.32		
20	256QAM	50	0	16.64	16.56	16.53	16.50	16.63	17.5	5
20	256QAM	50	24	16.51	16.42	16.59	16.61	16.50		
20	256QAM	50	50	16.65	16.49	16.46	16.65	16.58		
20	256QAM	100	0	16.49	16.36	16.44	16.34	16.39		
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	21.55	21.33	21.62	21.20	21.17	23	0
15	QPSK	1	37	21.22	21.23	21.48	21.15	21.22		
15	QPSK	1	74	21.16	21.25	21.50	21.25	21.15		
15	QPSK	36	0	20.28	20.32	20.48	20.26	20.36	21.5	1
15	QPSK	36	20	20.42	20.21	20.32	20.47	20.38		
15	QPSK	36	39	20.36	20.46	20.28	20.37	20.38		
15	QPSK	75	0	20.41	20.23	20.45	20.35	20.35		
15	16QAM	1	0	20.45	20.49	20.47	20.46	20.52	21.5	1
15	16QAM	1	37	20.61	20.33	20.38	20.54	20.40		
15	16QAM	1	74	20.62	20.48	20.49	20.40	20.46		
15	16QAM	36	0	19.40	19.56	19.43	19.56	19.47	20.5	2
15	16QAM	36	20	19.54	19.27	19.55	19.46	19.46		
15	16QAM	36	39	19.35	19.43	19.41	19.35	19.37		
15	16QAM	75	0	19.49	19.43	19.42	19.45	19.51		
15	64QAM	1	0	19.26	19.13	19.10	19.13	19.16	20.5	2
15	64QAM	1	37	19.13	19.12	19.19	19.24	19.21		
15	64QAM	1	74	19.09	19.01	19.18	19.18	19.17		
15	64QAM	36	0	18.39	18.41	18.48	18.47	18.45	19.5	3
15	64QAM	36	20	18.51	18.44	18.32	18.49	18.59		
15	64QAM	36	39	18.38	18.41	18.49	18.49	18.44		
15	64QAM	75	0	18.31	18.48	18.33	18.40	18.34		
15	256QAM	1	0	16.16	16.28	16.26	16.34	16.30	17.5	5
15	256QAM	1	37	16.30	16.29	16.39	16.42	16.20		
15	256QAM	1	74	16.27	16.32	16.32	16.30	16.20		
15	256QAM	36	0	16.51	16.52	16.41	16.47	16.54	17.5	5
15	256QAM	36	20	16.44	16.31	16.55	16.53	16.41		
15	256QAM	36	39	16.53	16.44	16.42	16.58	16.51		
15	256QAM	75	0	16.45	16.30	16.35	16.22	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.51	21.31	21.56	21.22	21.13	23	0
10	QPSK	1	25	21.21	21.27	21.47	21.19	21.14		
10	QPSK	1	49	21.10	21.23	21.51	21.17	21.13		
10	QPSK	25	0	20.26	20.26	20.44	20.26	20.32	21.5	1
10	QPSK	25	12	20.44	20.25	20.42	20.40	20.29		
10	QPSK	25	25	20.37	20.39	20.29	20.37	20.35		
10	QPSK	50	0	20.37	20.28	20.38	20.36	20.27		
10	16QAM	1	0	20.42	20.50	20.54	20.47	20.53	21.5	1
10	16QAM	1	25	20.62	20.39	20.37	20.51	20.39		
10	16QAM	1	49	20.56	20.49	20.42	20.47	20.50		
10	16QAM	25	0	19.39	19.53	19.46	19.57	19.46	20.5	2
10	16QAM	25	12	19.53	19.36	19.52	19.46	19.46		
10	16QAM	25	25	19.40	19.48	19.34	19.36	19.45		
10	16QAM	50	0	19.49	19.51	19.33	19.44	19.48		
10	64QAM	1	0	19.14	19.15	19.19	19.08	19.13	20.5	2
10	64QAM	1	25	19.12	19.09	19.18	19.24	19.18		
10	64QAM	1	49	19.14	19.03	19.15	19.12	19.18		
10	64QAM	25	0	18.35	18.47	18.45	18.49	18.44	19.5	3
10	64QAM	25	12	18.51	18.45	18.33	18.51	18.58		
10	64QAM	25	25	18.41	18.43	18.43	18.50	18.47		
10	64QAM	50	0	18.34	18.47	18.39	18.45	18.36		
10	256QAM	1	0	16.19	16.32	16.32	16.29	16.31	17.5	5
10	256QAM	1	25	16.36	16.31	16.36	16.44	16.17		
10	256QAM	1	49	16.23	16.31	16.37	16.34	16.28		
10	256QAM	25	0	16.61	16.44	16.49	16.46	16.60	17.5	5
10	256QAM	25	12	16.48	16.32	16.53	16.49	16.43		
10	256QAM	25	25	16.56	16.46	16.37	16.54	16.54		
10	256QAM	50	0	16.46	16.27	16.37	16.25	16.34		
Channel				39675	40150	40625	41093	41568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.34	21.61	21.29	21.13	23	0
5	QPSK	1	12	21.21	21.22	21.50	21.16	21.22		
5	QPSK	1	24	21.19	21.19	21.53	21.17	21.11		
5	QPSK	12	0	20.27	20.32	20.48	20.26	20.27	21.5	1
5	QPSK	12	7	20.47	20.29	20.41	20.43	20.32		
5	QPSK	12	13	20.29	20.44	20.28	20.36	20.39		
5	QPSK	25	0	20.36	20.30	20.39	20.43	20.30		
5	16QAM	1	0	20.46	20.47	20.47	20.52	20.45	21.5	1
5	16QAM	1	12	20.59	20.34	20.33	20.48	20.33		
5	16QAM	1	24	20.65	20.50	20.49	20.40	20.50		
5	16QAM	12	0	19.41	19.51	19.45	19.55	19.46	20.5	2
5	16QAM	12	7	19.55	19.34	19.54	19.51	19.43		
5	16QAM	12	13	19.34	19.45	19.40	19.32	19.42		
5	16QAM	25	0	19.44	19.43	19.36	19.41	19.52		
5	64QAM	1	0	19.25	19.13	19.13	19.09	19.08	20.5	2
5	64QAM	1	12	19.18	19.10	19.14	19.17	19.18		
5	64QAM	1	24	19.11	19.03	19.17	19.18	19.15		
5	64QAM	12	0	18.41	18.47	18.46	18.49	18.41	19.5	3
5	64QAM	12	7	18.51	18.47	18.32	18.43	18.55		
5	64QAM	12	13	18.41	18.41	18.50	18.50	18.48		
5	64QAM	25	0	18.31	18.48	18.32	18.37	18.41		
5	256QAM	1	0	16.20	16.33	16.33	16.26	16.28	17.5	5
5	256QAM	1	12	16.37	16.29	16.37	16.36	16.17		
5	256QAM	1	24	16.23	16.38	16.31	16.30	16.23		
5	256QAM	12	0	16.60	16.48	16.49	16.39	16.51	17.5	5
5	256QAM	12	7	16.39	16.34	16.47	16.56	16.40		
5	256QAM	12	13	16.59	16.42	16.37	16.60	16.49		
5	256QAM	25	0	16.42	16.28	16.35	16.26	16.27		

Band 41 HPUE Ant0

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	24.51	24.40	24.55	24.31	24.20	25.5	0
20	QPSK	1	49	24.23	24.21	24.46	24.34	24.42		
20	QPSK	1	99	24.43	24.35	24.43	24.13	24.45		
20	QPSK	50	0	23.27	23.39	23.51	23.26	23.48	24.5	1
20	QPSK	50	24	23.39	23.49	23.30	23.38	23.31		
20	QPSK	50	50	23.28	23.27	23.30	23.33	23.36		
20	QPSK	100	0	23.28	23.41	23.43	23.40	23.23		
20	16QAM	1	0	23.67	23.83	23.76	23.73	23.74	24.5	1
20	16QAM	1	49	23.83	23.73	23.89	23.82	23.69		
20	16QAM	1	99	23.68	23.68	23.77	23.85	23.75		
20	16QAM	50	0	22.61	22.42	22.49	22.43	22.43	23.5	2
20	16QAM	50	24	22.58	22.57	22.57	22.53	22.47		
20	16QAM	50	50	22.36	22.44	22.44	22.47	22.51		
20	16QAM	100	0	22.56	22.34	22.46	22.57	22.34		
20	64QAM	1	0	22.42	22.42	22.49	22.36	22.56	23.5	2
20	64QAM	1	49	22.55	22.47	22.61	22.52	22.50		
20	64QAM	1	99	22.55	22.57	22.62	22.38	22.49		
20	64QAM	50	0	21.64	21.43	21.52	21.41	21.39	22.5	3
20	64QAM	50	24	21.62	21.43	21.57	21.41	21.56		
20	64QAM	50	50	21.41	21.63	21.61	21.54	21.49		
20	64QAM	100	0	21.40	21.50	21.41	21.43	21.51		
20	256QAM	1	0	19.38	19.58	19.49	19.42	19.37	20.5	5
20	256QAM	1	49	19.48	19.40	19.38	19.56	19.51		
20	256QAM	1	99	19.47	19.44	19.44	19.52	19.51		
20	256QAM	50	0	19.45	19.44	19.52	19.45	19.48	20.5	5
20	256QAM	50	24	19.49	19.53	19.65	19.59	19.41		
20	256QAM	50	50	19.44	19.62	19.61	19.42	19.62		
20	256QAM	100	0	19.34	19.36	19.42	19.53	19.30		
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	24.44	24.29	24.48	24.20	24.13	26	0
15	QPSK	1	37	24.11	24.11	24.42	24.23	24.38		
15	QPSK	1	74	24.33	24.26	24.37	24.01	24.34		
15	QPSK	36	0	23.16	23.32	23.47	23.21	23.44	24.5	1
15	QPSK	36	20	23.33	23.38	23.21	23.32	23.21		
15	QPSK	36	39	23.24	23.24	23.17	23.26	23.25		
15	QPSK	75	0	23.19	23.36	23.31	23.33	23.19		
15	16QAM	1	0	23.59	23.76	23.70	23.67	23.63	24.5	1
15	16QAM	1	37	23.74	23.70	23.77	23.72	23.65		
15	16QAM	1	74	23.61	23.56	23.74	23.74	23.67		
15	16QAM	36	0	22.55	22.31	22.41	22.32	22.30	23.5	2
15	16QAM	36	20	22.48	22.47	22.52	22.47	22.40		
15	16QAM	36	39	22.30	22.32	22.41	22.44	22.43		
15	16QAM	75	0	22.51	22.23	22.37	22.52	22.22		
15	64QAM	1	0	22.30	22.34	22.41	22.32	22.46	23.5	2
15	64QAM	1	37	22.47	22.40	22.58	22.40	22.45		
15	64QAM	1	74	22.51	22.54	22.55	22.31	22.46		
15	64QAM	36	0	21.54	21.35	21.41	21.34	21.28	22.5	3
15	64QAM	36	20	21.51	21.36	21.47	21.30	21.50		
15	64QAM	36	39	21.34	21.57	21.57	21.44	21.38		
15	64QAM	75	0	21.34	21.46	21.37	21.34	21.42		
15	256QAM	1	0	19.28	19.51	19.43	19.34	19.29	20.5	5
15	256QAM	1	37	19.41	19.30	19.31	19.49	19.48		
15	256QAM	1	74	19.43	19.40	19.37	19.45	19.44		
15	256QAM	36	0	19.40	19.39	19.46	19.35	19.41	20.5	5
15	256QAM	36	20	19.36	19.46	19.57	19.49	19.29		
15	256QAM	36	39	19.34	19.53	19.55	19.35	19.59		
15	256QAM	75	0	19.24	19.27	19.37	19.44	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.39	24.34	24.44	24.25	24.16	26	0
10	QPSK	1	25	24.14	24.12	24.36	24.28	24.34		
10	QPSK	1	49	24.33	24.28	24.32	24.07	24.34		
10	QPSK	25	0	23.22	23.31	23.39	23.22	23.35	24.5	1
10	QPSK	25	12	23.36	23.36	23.19	23.28	23.27		
10	QPSK	25	25	23.20	23.20	23.19	23.22	23.29		
10	QPSK	50	0	23.16	23.31	23.39	23.36	23.19		
10	16QAM	1	0	23.58	23.72	23.66	23.63	23.63	24.5	1
10	16QAM	1	25	23.75	23.69	23.77	23.71	23.57		
10	16QAM	1	49	23.64	23.60	23.64	23.78	23.66		
10	16QAM	25	0	22.57	22.35	22.37	22.31	22.38	23.5	2
10	16QAM	25	12	22.52	22.51	22.47	22.46	22.42		
10	16QAM	25	25	22.30	22.41	22.37	22.40	22.43		
10	16QAM	50	0	22.47	22.24	22.34	22.52	22.22		
10	64QAM

GSM850 Ant1	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	31.45	31.57	31.52	33.00	22.45	22.57	22.52	24.00
GPRS 1 Tx slot	31.43	31.51	31.47	33.00	22.43	22.51	22.47	24.00
GPRS 2 Tx slots	28.45	28.52	28.44	29.50	22.45	22.52	22.44	23.50
GPRS 3 Tx slots	26.71	26.80	26.77	27.50	22.45	22.54	22.51	23.24
GPRS 4 Tx slots	25.64	25.77	25.73	27.00	22.64	22.77	22.73	24.00
EDGE 1 Tx slot	26.13	26.21	26.11	27.50	17.13	17.21	17.11	18.50
EDGE 2 Tx slots	24.86	24.94	24.88	26.00	18.86	18.94	18.88	20.00
EDGE 3 Tx slots	22.83	22.97	22.84	24.00	18.57	18.71	18.58	19.74
EDGE 4 Tx slots	21.57	21.61	21.54	22.50	18.57	18.61	18.54	19.50

GSM1900 Ant1	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	28.83	28.95	28.85	30.50	19.83	19.95	19.85	21.50
GPRS 1 Tx slot	28.77	28.86	28.79	30.50	19.77	19.86	19.79	21.50
GPRS 2 Tx slots	25.82	25.88	25.77	26.50	19.82	19.88	19.77	20.50
GPRS 3 Tx slots	24.00	24.13	24.01	25.00	19.74	19.87	19.75	20.74
GPRS 4 Tx slots	22.77	22.86	22.82	24.50	19.77	19.86	19.82	21.50
EDGE 1 Tx slot	24.69	24.83	24.69	26.00	15.69	15.83	15.69	17.00
EDGE 2 Tx slots	23.44	23.53	23.49	24.50	17.44	17.53	17.49	18.50
EDGE 3 Tx slots	20.81	20.93	20.89	22.00	16.55	16.67	16.63	17.74
EDGE 4 Tx slots	19.49	19.59	19.49	20.50	16.49	16.59	16.49	17.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			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	21.08	21.16	21.15	22.00	21.11	21.12	21.06	22.00	21.68	21.72	21.67	23.00
3GPP Rel 99	RMC 12.2Kbps	21.11	21.18	21.17	22.00	21.13	21.14	21.08	22.00	21.71	21.74	21.69	23.00
3GPP Rel 6	HSDPA Subtest-1	20.04	19.94	20.21	21.00	20.18	19.92	20.03	21.00	20.47	20.63	20.68	22.00
3GPP Rel 6	HSDPA Subtest-2	20.11	20.20	20.07	21.00	19.92	20.00	19.98	21.00	20.47	20.56	20.47	22.00
3GPP Rel 6	HSDPA Subtest-3	19.50	19.67	19.46	20.50	19.41	19.45	19.33	20.50	20.05	20.28	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	19.43	19.57	19.67	20.50	19.63	19.54	19.36	20.50	20.25	20.11	20.13	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.10	20.17	20.03	21.00	20.02	20.12	20.05	21.00	20.74	20.75	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.87	20.00	20.11	21.00	19.90	20.02	20.07	21.00	20.47	20.59	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.35	19.50	19.56	20.50	19.54	19.36	19.43	20.50	20.01	20.04	20.02	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.63	19.65	19.59	20.50	19.54	19.70	19.57	20.50	20.07	20.22	20.25	21.50
3GPP Rel 6	HSUPA Subtest-1	20.02	20.20	20.03	21.00	20.16	20.17	20.02	21.00	20.46	20.73	20.48	22.00
3GPP Rel 6	HSUPA Subtest-2	17.97	18.13	17.94	19.00	17.99	18.08	17.94	19.00	18.64	18.63	18.67	20.00
3GPP Rel 6	HSUPA Subtest-3	19.03	19.15	19.11	20.00	19.14	18.94	18.86	20.00	19.60	19.62	19.60	21.00
3GPP Rel 6	HSUPA Subtest-4	17.98	17.94	17.96	19.00	17.88	18.14	18.06	19.00	18.47	18.56	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	20.05	20.21	20.02	21.00	20.14	20.07	19.97	21.00	20.70	20.65	20.71	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.38	17.55	17.50	18.50	17.47	17.48	17.45	18.50	18.14	18.18	17.98	19.50

Band 2 Ant1

BW [MHz]	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	21.65	21.67	21.62	23	0
20	QPSK	1	49	21.49	21.49	21.41		
20	QPSK	1	99	21.51	21.65	21.46		
20	QPSK	50	0	20.57	20.60	20.51		
20	QPSK	50	24	20.50	20.54	20.44	22	1
20	QPSK	50	50	20.37	20.52	20.56		
20	QPSK	100	0	20.50	20.55	20.43		
20	16QAM	1	0	20.84	20.73	20.65		
20	16QAM	1	49	20.83	20.70	20.72	22	1
20	16QAM	1	99	20.69	20.61	20.80		
20	16QAM	50	0	19.68	19.69	19.67		
20	16QAM	50	24	19.60	19.65	19.48	21	2
20	16QAM	50	50	19.50	19.50	19.50		
20	16QAM	100	0	19.55	19.59	19.48		
20	64QAM	1	0	19.61	19.68	19.58	21	2
20	64QAM	1	49	19.79	19.69	19.62		
20	64QAM	1	99	19.57	19.71	19.71		
20	64QAM	50	0	18.53	18.54	18.42	20	3
20	64QAM	50	24	18.49	18.59	18.62		
20	64QAM	50	50	18.52	18.57	18.65		
20	64QAM	100	0	18.48	18.60	18.55		
20	256QAM	1	0	16.74	16.64	16.74	18	5
20	256QAM	1	49	16.70	16.70	16.58		
20	256QAM	1	99	16.68	16.64	16.51		
20	256QAM	50	0	16.64	16.60	16.61	18	5
20	256QAM	50	24	16.58	16.50	16.55		
20	256QAM	50	50	16.69	16.59	16.55		
20	256QAM	100	0	16.47	16.57	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.62	21.62	21.55	23	0
15	QPSK	1	37	21.43	21.43	21.35		
15	QPSK	1	74	21.43	21.59	21.34		
15	QPSK	36	0	20.51	20.47	20.47	22	1
15	QPSK	36	20	20.44	20.45	20.40		
15	QPSK	36	39	20.25	20.45	20.36		
15	QPSK	75	0	20.45	20.48	20.31		
15	16QAM	1	0	20.81	20.67	20.52	22	1
15	16QAM	1	37	20.76	20.64	20.64		
15	16QAM	1	74	20.58	20.55	20.74		
15	16QAM	36	0	19.59	19.52	19.62	21	2
15	16QAM	36	20	19.50	19.56	19.42		
15	16QAM	36	39	19.45	19.40	19.47		
15	16QAM	75	0	19.46	19.47	19.37		
15	64QAM	1	0	19.55	19.64	19.54	21	2
15	64QAM	1	37	19.71	19.66	19.49		
15	64QAM	1	74	19.46	19.66	19.60		
15	64QAM	36	0	18.44	18.44	18.30	20	3
15	64QAM	36	20	18.38	18.53	18.47		
15	64QAM	36	39	18.48	18.50	18.57		
15	64QAM	75	0	18.42	18.54	18.44		
15	256QAM	1	0	16.68	16.55	16.65	18	5
15	256QAM	1	37	16.61	16.58	16.50		
15	256QAM	1	74	16.61	16.59	16.42		
15	256QAM	36	0	16.58	16.53	16.56	18	5
15	256QAM	36	20	16.54	16.37	16.42		
15	256QAM	36	39	16.61	16.57	16.47		
15	256QAM	75	0	16.38	16.46	16.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.54	21.58	21.40	23	0
10	QPSK	1	25	21.39	21.43	21.34		
10	QPSK	1	49	21.47	21.58	21.37		
10	QPSK	25	0	20.51	20.55	20.42	22	1
10	QPSK	25	12	20.46	20.48	20.38		
10	QPSK	25	25	20.31	20.45	20.36		
10	QPSK	50	0	20.43	20.46	20.32		
10	16QAM	1	0	20.73	20.64	20.54	22	1
10	16QAM	1	25	20.78	20.64	20.69		
10	16QAM	1	49	20.57	20.57	20.73		
10	16QAM	25	0	19.62	19.56	19.55	21	2
10	16QAM	25	12	19.56	19.56	19.41		
10	16QAM	25	25	19.44	19.41	19.39		
10	16QAM	50	0	19.44	19.52	19.40		
10	64QAM	1	0	19.50	19.62	19.48	21	2
10	64QAM	1	25	19.73	19.57	19.54		
10	64QAM	1	49	19.46	19.61	19.62		
10	64QAM	25	0	18.41	18.47	18.43	20	3
10	64QAM	25	12	18.43	18.54	18.55		
10	64QAM	25	25	18.45	18.51	18.57		
10	64QAM	50	0	18.43	18.48	18.45		
10	256QAM	1	0	16.69	16.61	16.63	18	5
10	256QAM	1	25	16.66	16.67	16.45		
10	256QAM	1	49	16.58	16.57	16.40		
10	256QAM	25	0	16.53	16.56	16.53	18	5
10	256QAM	25	12	16.48	16.41	16.47		
10	256QAM	25	25	16.60	16.66	16.45		
10	256QAM	50	0	16.36	16.52	16.45		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	21.55	21.55	21.56	23	0
5	QPSK	1	12	21.38	21.42	21.32		
5	QPSK	1	24	21.43	21.57	21.40		
5	QPSK	12	0	20.47	20.49	20.39	22	1
5	QPSK	12	7	20.47	20.44	20.35		
5	QPSK	12	13	20.25	20.47	20.48		
5	QPSK	25	0	20.41	20.48	20.38		
5	16QAM	1	0	20.79	20.63	20.55	22	1
5	16QAM	1	12	20.78	20.64	20.63		
5	16QAM	1	24	20.66	20.49	20.71		
5	16QAM	12	0	19.63	19.58	19.61	21	2
5	16QAM	12	7	19.48	19.52	19.39		
5	16QAM	12	13	19.43	19.38	19.48		
5	16QAM	25	0	19.45	19.54	19.37		
5	64QAM	1	0	19.49	19.64	19.53	21	2
5	64QAM	1	12	19.75	19.60	19.50		
5	64QAM	1	24	19.53	19.39	19.52		
5	64QAM	12	0	18.47	18.42	18.34	20	3
5	64QAM	12	7	18.36	18.54	18.54		
5	64QAM	12	13	18.45	18.52	18.56		
5	64QAM	25	0	18.41	18.48	18.38		
5	256QAM	1	0	16.66	16.52	16.69	18	5
5	256QAM	1	12	16.63	16.66	16.47		
5	256QAM	1	24	16.55	16.51	16.40		
5	256QAM	12	0	16.58	16.53	16.53	18	5
5	256QAM	12	7	16.47	16.46	16.44		
5	256QAM	12	13	16.62	16.62	16.44		
5	256QAM	25	0	16.43	16.50	16.41		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.60	21.64	21.57	23	0
3	QPSK	1	8	21.44	21.45	21.30		
3	QPSK	1	14	21.38	21.56	21.38		
3	QPSK	8	0	20.46	20.56	20.44	22	1
3	QPSK	8	4	20.46	20.43	20.39		
3	QPSK	8	7	20.26	20.46	20.43		
3	QPSK	15	0	20.46	20.44	20.35		
3	16QAM	1	0	20.79	20.60	20.54	22	1
3	16QAM	1	8	20.74	20.62	20.60		
3	16QAM	1	14	20.64	20.57	20.75		
3	16QAM	8	0	19.60	19.52	19.55	21	2
3	16QAM	8	4	19.55	19.58	19.37		
3	16QAM	8	7	19.39	19.40	19.44		
3	16QAM	15	0	19.48	19.46	19.44		
3	64QAM	1	0	19.52	19.57	19.49	21	2
3	64QAM	1	8	19.66	19.65	19.55		
3	64QAM	1	14	19.49	19.63	19.67		
3	64QAM	8	0	18.44	18.47	18.33	20	3
3	64QAM	8	4	18.44	18.49	18.54		
3	64QAM	8	7	18.41	18.49	18.59		
3	64QAM	15	0	18.38	18.52	18.47		
3	256QAM	1	0	16.68	16.58	16.70	18	5
3	256QAM	1	8	16.65	16.60	16.52		
3	256QAM	1	14	16.60	16.59	16.46		
3	256QAM	8	0	16.55	16.55	16.49	18	5
3	256QAM	8	4	16.45	16.37	16.46		
3	256QAM	8	7	16.59	16.61	16.46		
3	256QAM	15	0	16.41	16.51	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.56	21.56	21.52	23	0
1.4	QPSK	1	3	21.43	21.44	21.35		
1.4	QPSK	1	5	21.46	21.54	21.38		
1.4	QPSK	3	0	21.56	21.56	21.52		
1.4	QPSK	3	1	21.43	21.44	21.35		
1.4	QPSK	3	3	21.46	21.54	21.38		
1.4	QPSK	6	0	20.39	20.52	20.35	22	1
1.4	16QAM	1	0	20.76	20.67	20.57	22	1
1.4	16QAM	1	3	20.76	20.60	20.69		
1.4	16QAM	1	5	20.60	20.54	20.77		
1.4	16QAM	3	0	20.39	20.52	20.35		
1.4	16QAM	3	1	20.76	20.67	20.57		
1.4	16QAM	3	3	20.76	20.60	20.69		
1.4	16QAM	6	0	20.60	20.54	20.77	21	2
1.4	64QAM	1	0	19.55	19.62	19.51	21	2
1.4	64QAM	1	3	19.73	19.56	19.59		
1.4	64QAM	1	5	19.50	19.59	19.62		
1.4	64QAM	3	0	19.55	19.62	19.51		
1.4	64QAM	3	1	19.73	19.56	19.59		
1.4	64QAM	3	3	19.50	19.59	19.62		
1.4	64QAM	6	0	18.43	18.49	18.43	20	3
1.4	256QAM	1	0	16.62	16.57	16.64	18	5
1.4	256QAM	1	3	16.64	16.66	16.49		
1.4	256QAM	1	5	16.62	16.53	16.47		
1.4	256QAM	3	0	16.53	16.55	16.57		
1.4	256QAM	3	1	16.50	16.42	16.42		
1.4	256QAM	3	3	16.62	16.63	16.49		
1.4	256QAM	6	0	16.44	16.48	16.41	18	5

Band 4 Ant1

BW [MHz]	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	21.74	21.84	21.80	23	0
20	QPSK	1	49	21.78	21.82	21.76		
20	QPSK	1	99	21.69	21.77	21.74		
20	QPSK	50	0	20.89	20.90	20.68		
20	QPSK	50	24	20.74	20.88	20.87	22	1
20	QPSK	50	50	20.68	20.79	20.80		
20	QPSK	100	0	20.70	20.84	20.66		
20	16QAM	1	0	20.89	20.83	20.92		
20	16QAM	1	49	20.93	20.79	20.78	22	1
20	16QAM	1	99	20.76	20.87	20.94		
20	16QAM	50	0	19.82	19.83	19.86		
20	16QAM	50	24	19.81	19.92	19.81	21	2
20	16QAM	50	50	19.95	19.79	19.92		
20	16QAM	100	0	19.86	19.80	19.93		
20	64QAM	1	0	19.80	19.84	19.82	21	2
20	64QAM	1	49	19.72	19.73	19.92		
20	64QAM	1	99	19.91	19.91	19.83		
20	64QAM	50	0	18.76	18.88	18.80	20	3
20	64QAM	50	24	18.80	18.88	18.82		
20	64QAM	50	50	18.90	18.75	18.80		
20	64QAM	100	0	18.85	18.85	18.79		
20	256QAM	1	0	16.96	16.86	16.80	18	5
20	256QAM	1	49	16.74	16.94	16.76		
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84	18	5
20	256QAM	50	24	16.92	16.96	16.77		
20	256QAM	50	50	16.76	16.86	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.52	21.56	21.54	23	0
15	QPSK	1	37	21.45	21.52	21.29		
15	QPSK	1	74	21.43	21.59	21.37		
15	QPSK	36	0	20.51	20.49	20.45	22	1
15	QPSK	36	20	20.40	20.50	20.38		
15	QPSK	36	39	20.30	20.48	20.46		
15	QPSK	75	0	20.37	20.49	20.30		
15	16QAM	1	0	20.81	20.63	20.60	22	1
15	16QAM	1	37	20.74	20.61	20.66		
15	16QAM	1	74	20.64	20.54	20.68		
15	16QAM	36	0	19.62	19.57	19.59	21	2
15	16QAM	36	20	19.54	19.55	19.38		
15	16QAM	36	39	19.45	19.45	19.46		
15	16QAM	75	0	19.44	19.55	19.41		
15	64QAM	1	0	19.57	19.57	19.54	21	2
15	64QAM	1	37	19.72	19.61	19.56		
15	64QAM	1	74	19.50	19.61	19.64		
15	64QAM	36	0	18.45	18.47	18.35	20	3
15	64QAM	36	20	18.38	18.46	18.50		
15	64QAM	36	39	18.47	18.50	18.55		
15	64QAM	75	0	18.39	18.47	18.50		
15	256QAM	1	0	16.65	16.54	16.66	18	5
15	256QAM	1	37	16.64	16.58	16.50		
15	256QAM	1	74	16.60	16.55	16.46		
15	256QAM	36	0	16.59	16.52	16.56	18	5
15	256QAM	36	20	16.49	16.39	16.46		
15	256QAM	36	39	16.63	16.58	16.44		
15	256QAM	75	0	16.41	16.51	16.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.57	21.63	21.51	23	0
10	QPSK	1	25	21.38	21.43	21.37		
10	QPSK	1	49	21.46	21.54	21.33		
10	QPSK	25	0	20.46	20.55	20.42	22	1
10	QPSK	25	12	20.44	20.42	20.40		
10	QPSK	25	25	20.26	20.47	20.35		
10	QPSK	50	0	20.47	20.51	20.35		
10	16QAM	1	0	20.76	20.61	20.62	22	1
10	16QAM	1	25	20.72	20.66	20.67		
10	16QAM	1	49	20.58	20.58	20.73		
10	16QAM	25	0	19.58	19.56	19.58	21	2
10	16QAM	25	12	19.53	19.58	19.36		
10	16QAM	25	25	19.47	19.38	19.40		
10	16QAM	50	0	19.49	19.55	19.42		
10	64QAM	1	0	19.56	19.65	19.47	21	2
10	64QAM	1	25	19.71	19.61	19.57		
10	64QAM	1	49	19.51	19.61	19.60		
10	64QAM	25	0	18.45	18.44	18.30	20	3
10	64QAM	25	12	18.39	18.47	18.57		
10	64QAM	25	25	18.47	18.48	18.61		
10	64QAM	50	0	18.42	18.56	18.44		
10	256QAM	1	0	16.66	16.53	16.69	18	5
10	256QAM	1	25	16.58	16.60	16.51		
10	256QAM	1	49	16.60	16.53	16.40		
10	256QAM	25	0	16.61	16.54	16.57	18	5
10	256QAM	25	12	16.58	16.41	16.47		
10	256QAM	25	25	16.62	16.65	16.48		
10	256QAM	50	0	16.39	16.50	16.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.58	21.54	21.54	23	0
5	QPSK	1	12	21.36	21.40	21.34		
5	QPSK	1	24	21.42	21.55	21.40		
5	QPSK	12	0	20.52	20.49	20.44	22	1
5	QPSK	12	7	20.38	20.49	20.33		
5	QPSK	12	13	20.32	20.45	20.51		
5	QPSK	25	0	20.42	20.50	20.31		
5	16QAM	1	0	20.72	20.70	20.56	22	1
5	16QAM	1	12	20.73	20.61	20.67		
5	16QAM	1	24	20.60	20.49	20.69		
5	16QAM	12	0	19.60	19.54	19.54	21	2
5	16QAM	12	7	19.54	19.61	19.42		
5	16QAM	12	13	19.43	19.46	19.46		
5	16QAM	25	0	19.42	19.46	19.37		
5	64QAM	1	0	19.52	19.64	19.48	21	2
5	64QAM	1	12	19.73	19.63	19.57		
5	64QAM	1	24	19.52	19.60	19.68		
5	64QAM	12	0	18.49	18.43	18.37	20	3
5	64QAM	12	7	18.41	18.52	18.50		
5	64QAM	12	13	18.48	18.45	18.61		
5	64QAM	25	0	18.39	18.48	18.43		
5	256QAM	1	0	16.61	16.55	16.64	18	5
5	256QAM	1	12	16.57	16.63	16.47		
5	256QAM	1	24	16.58	16.52	16.41		
5	256QAM	12	0	16.59	16.48	16.51	18	5
5	256QAM	12	7	16.46	16.41	16.52		
5	256QAM	12	13	16.64	16.65	16.49		
5	256QAM	25	0	16.43	16.51	16.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.60	21.61	21.49	23	0
3	QPSK	1	8	21.41	21.36	21.36		
3	QPSK	1	14	21.40	21.60	21.40		
3	QPSK	8	0	20.47	20.55	20.40	22	1
3	QPSK	8	4	20.44	20.50	20.38		
3	QPSK	8	7	20.33	20.47	20.50		
3	QPSK	15	0	20.41	20.51	20.36		
3	16QAM	1	0	20.78	20.70	20.52	22	1
3	16QAM	1	8	20.72	20.61	20.60		
3	16QAM	1	14	20.61	20.54	20.76		
3	16QAM	8	0	19.56	19.55	19.57	21	2
3	16QAM	8	4	19.48	19.58	19.40		
3	16QAM	8	7	19.42	19.47	19.43		
3	16QAM	15	0	19.46	19.51	19.39		
3	64QAM	1	0	19.54	19.57	19.51	21	2
3	64QAM	1	8	19.74	19.61	19.54		
3	64QAM	1	14	19.44	19.65	19.62		
3	64QAM	8	0	18.49	18.48	18.38	20	3
3	64QAM	8	4	18.41	18.51	18.53		
3	64QAM	8	7	18.44	18.51	18.61		
3	64QAM	15	0	18.40	18.53	18.46		
3	256QAM	1	0	16.70	16.57	16.65	18	5
3	256QAM	1	8	16.64	16.62	16.53		
3	256QAM	1	14	16.56	16.57	16.46		
3	256QAM	8	0	16.58	16.51	16.52	18	5
3	256QAM	8	4	16.47	16.38	16.44		
3	256QAM	8	7	16.59	16.62	16.45		
3	256QAM	15	0	16.38	16.49	16.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.50	21.46	21.42	23	0
1.4	QPSK	1	3	21.37	21.34	21.23		
1.4	QPSK	1	5	21.34	21.49	21.33		
1.4	QPSK	3	0	21.52	21.51	21.40		
1.4	QPSK	3	1	21.35	21.32	21.28		
1.4	QPSK	3	3	21.39	21.45	21.29		
1.4	QPSK	6	0	20.27	20.47	20.28	22	1
1.4	16QAM	1	0	20.70	20.61	20.48	22	1
1.4	16QAM	1	3	20.72	20.56	20.63		
1.4	16QAM	1	5	20.49	20.42	20.72		
1.4	16QAM	3	0	20.27	20.44	20.31		
1.4	16QAM	3	1	20.73	20.60	20.45		
1.4	16QAM	3	3	20.72	20.54	20.60		
1.4	16QAM	6	0	20.55	20.42	20.67	21	2
1.4	64QAM	1	0	19.48	19.54	19.47	21	2
1.4	64QAM	1	3	19.62	19.50	19.54		
1.4	64QAM	1	5	19.46	19.51	19.52		
1.4	64QAM	3	0	19.47	19.53	19.47		
1.4	64QAM	3	1	19.65	19.43	19.50		
1.4	64QAM	3	3	19.44	19.53	19.54		
1.4	64QAM	6	0	18.38	18.44	18.33	20	3
1.4	256QAM	1	0	16.57	16.53	16.52	18	5
1.4	256QAM	1	3	16.60	16.57	16.42		
1.4	256QAM	1	5	16.58	16.44	16.42		
1.4	256QAM	3	0	16.40	16.47	16.47		
1.4	256QAM	3	1	16.38	16.31	16.36		
1.4	256QAM	3	3	16.57	16.54	16.41		
1.4	256QAM	6	0	16.34	16.37	16.37	18	5

Band 5 Ant1

BW [MHz]	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	21.79	21.83	21.76	23	0
10	QPSK	1	25	21.74	21.76	21.62		
10	QPSK	1	49	21.69	21.68	21.69		
10	QPSK	25	0	20.67	20.78	20.66		
10	QPSK	25	12	20.72	20.61	20.70	22	1
10	QPSK	25	25	20.62	20.57	20.59		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.83	20.81	20.83		
10	16QAM	1	25	20.76	20.81	20.75	22	1
10	16QAM	1	49	20.72	20.78	20.70		
10	16QAM	25	0	19.74	19.70	19.72		
10	16QAM	25	12	19.65	19.65	19.61	21	2
10	16QAM	25	25	19.72	19.79	19.64		
10	16QAM	50	0	19

Band 12 Ant1

BW [MHz]	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	21.75	21.85	21.80		
10	QPSK	1	25	21.71	21.70	21.64	23	0
10	QPSK	1	49	21.56	21.61	21.66		
10	QPSK	25	0	20.76	20.83	20.78		
10	QPSK	25	12	20.81	20.79	20.68	22	1
10	QPSK	25	25	20.68	20.73	20.64		
10	QPSK	50	0	20.74	20.81	20.78		
10	16QAM	1	0	20.74	20.79	20.69		
10	16QAM	1	25	20.88	20.82	20.69	22	1
10	16QAM	1	49	20.89	20.75	20.73		
10	16QAM	25	0	19.98	19.92	19.89		
10	16QAM	25	12	19.80	20.00	19.97	21	2
10	16QAM	25	25	19.88	20.00	19.83		
10	16QAM	50	0	19.97	19.91	19.95		
10	64QAM	1	0	19.78	19.86	19.76		
10	64QAM	1	25	19.94	19.85	19.89	21	2
10	64QAM	1	49	19.82	19.89	19.78		
10	64QAM	25	0	18.95	18.93	19.02		
10	64QAM	25	12	19.01	18.94	18.89	20	3
10	64QAM	25	25	19.06	18.84	19.04		
10	64QAM	50	0	18.90	18.91	18.86		
10	256QAM	1	0	17.00	16.93	17.01		
10	256QAM	1	25	16.81	16.98	17.03	18	5
10	256QAM	1	49	16.85	16.99	16.83		
10	256QAM	25	0	16.80	16.85	16.73		
10	256QAM	25	12	16.96	16.88	16.73	18	5
10	256QAM	25	25	16.90	16.85	16.96		
10	256QAM	50	0	16.86	16.84	16.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.70	21.77	21.64	23	0
5	QPSK	1	12	21.60	21.75	21.57		
5	QPSK	1	24	21.65	21.69	21.48		
5	QPSK	12	0	20.56	20.77	20.63		
5	QPSK	12	7	20.63	20.72	20.60	22	1
5	QPSK	12	13	20.71	20.76	20.78		
5	QPSK	25	0	20.67	20.72	20.66		
5	16QAM	1	0	20.82	20.79	20.83		
5	16QAM	1	12	20.91	21.01	20.87	22	1
5	16QAM	1	24	20.79	20.80	20.89		
5	16QAM	12	0	19.75	19.79	19.72		
5	16QAM	12	7	19.73	19.78	19.79	21	2
5	16QAM	12	13	19.89	19.61	19.86		
5	16QAM	25	0	19.74	19.82	19.89		
5	64QAM	1	0	19.89	19.77	19.89		
5	64QAM	1	12	19.77	19.68	19.80	21	2
5	64QAM	1	24	19.83	19.69	19.94		
5	64QAM	12	0	18.95	18.83	18.70		
5	64QAM	12	7	18.70	18.84	18.70	20	3
5	64QAM	12	13	18.77	18.68	18.73		
5	64QAM	25	0	18.65	18.77	18.76		
5	256QAM	1	0	16.74	16.76	16.68		
5	256QAM	1	12	16.63	16.79	16.62	18	5
5	256QAM	1	24	16.78	16.77	16.82		
5	256QAM	12	0	16.82	16.72	16.79		
5	256QAM	12	7	16.70	16.70	16.67	18	5
5	256QAM	12	13	16.78	16.68	16.80		
5	256QAM	25	0	16.83	16.77	16.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.77	21.80	21.59	23	0
3	QPSK	1	8	21.59	21.72	21.54		
3	QPSK	1	14	21.71	21.69	21.49		
3	QPSK	8	0	20.59	20.76	20.69		
3	QPSK	8	4	20.66	20.68	20.60	22	1
3	QPSK	8	7	20.70	20.75	20.79		
3	QPSK	15	0	20.65	20.73	20.63		
3	16QAM	1	0	20.75	20.84	20.91		
3	16QAM	1	8	20.89	20.97	20.80	22	1
3	16QAM	1	14	20.77	20.82	20.86		
3	16QAM	8	0	19.75	19.82	19.80		
3	16QAM	8	4	19.69	19.74	19.81	21	2
3	16QAM	8	7	19.85	19.59	19.82		
3	16QAM	15	0	19.79	19.76	19.88		
3	64QAM	1	0	19.88	19.86	19.85		
3	64QAM	1	8	19.71	19.74	19.83	21	2
3	64QAM	1	14	19.84	19.78	19.92		
3	64QAM	8	0	18.93	18.75	18.72		
3	64QAM	8	4	18.66	18.86	18.77	20	3
3	64QAM	8	7	18.68	18.68	18.67		
3	64QAM	15	0	18.59	18.76	18.73		
3	256QAM	1	0	16.72	16.78	16.60		
3	256QAM	1	8	16.62	16.82	16.61	18	5
3	256QAM	1	14	16.78	16.83	16.85		
3	256QAM	8	0	16.80	16.70	16.82		
3	256QAM	8	4	16.64	16.76	16.62	18	5
3	256QAM	8	7	16.76	16.70	16.75		
3	256QAM	15	0	16.89	16.75	16.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 13 Ant1

BW [MHz]	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		22.37		24	0
10	QPSK	1	25		22.19			
10	QPSK	1	49		22.26			
10	QPSK	25	0		21.32			
10	QPSK	25	12		21.19		23	1
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.30			
10	16QAM	1	0		21.36			
10	16QAM	1	25		21.34		23	1
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.25			
10	16QAM	25	12		20.14		22	2
10	16QAM	25	25		20.21			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.24			
10	64QAM	1	25		20.14		22	2
10	64QAM	1	49		20.19			
10	64QAM	25	0		19.34			
10	64QAM	25	12		19.25		21	3
10	64QAM	25	25		19.31			
10	64QAM	50	0		19.33			
10	256QAM	1	0		17.31			
10	256QAM	1	25		17.39		19	5
10	256QAM	1	49		17.31			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.38		19	5
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.31	22.33	24	0
5	QPSK	1	12	22.12	22.09	22.12		
5	QPSK	1	24	22.13	22.21	22.21		
5	QPSK	12	0	21.27	21.28	21.25		
5	QPSK	12	7	21.09	21.14	21.16	23	1
5	QPSK	12	13	21.10	21.03	21.07		
5	QPSK	25	0	21.22	21.27	21.26		
5	16QAM	1	0	21.26	21.25	21.30		
5	16QAM	1	12	21.29	21.24	21.28	23	1
5	16QAM	1	24	21.33	21.31	21.31		
5	16QAM	12	0	20.14	20.19	20.17		
5	16QAM	12	7	20.03	20.03	20.10	22	2
5	16QAM	12	13	20.09	20.15	20.09		
5	16QAM	25	0	20.21	20.21	20.21		
5	64QAM	1	0	20.13	20.11	20.12		
5	64QAM	1	12	20.02	20.08	20.05	22	2
5	64QAM	1	24	20.12	20.13	20.12		
5	64QAM	12	0	19.27	19.28	19.24		
5	64QAM	12	7	19.15	19.14	19.20	21	3
5	64QAM	12	13	19.24	19.20	19.21		
5	64QAM	25	0	19.30	19.26	19.30		
5	256QAM	1	0	17.26	17.20	17.20		
5	256QAM	1	12	17.28	17.36	17.32	19	5
5	256QAM	1	24	17.19	17.21	17.20		
5	256QAM	12	0	17.26	17.28	17.25		
5	256QAM	12	7	17.32	17.29	17.33	19	5
5	256QAM	12	13	17.23	17.25	17.27		
5	256QAM	25	0	17.23	17.20	17.21		

Band 17 Ant1

BW [MHz]	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	21.75	21.81	21.77		
10	QPSK	1	25	21.58	21.78	21.73	23	0
10	QPSK	1	49	21.69	21.78	21.64		
10	QPSK	25	0	20.69	20.78	20.74		
10	QPSK	25	12	20.76	20.75	20.77	22	1
10	QPSK	25	25	20.73	20.74	20.65		
10	QPSK	50	0	20.70	20.75	20.57		
10	16QAM	1	0	20.61	20.68	20.75		
10	16QAM	1	25	20.63	20.64	20.71	22	1
10	16QAM	1	49	20.70	20.64	20.55		
10	16QAM	25	0	19.97	19.97	19.92		
10	16QAM	25	12	19.86	19.76	19.92	21	2
10	16QAM	25	25	19.99	19.82	19.95		
10	16QAM	50	0	19.94	19.85	19.72		
10	64QAM	1	0	19.85	19.78	19.87		
10	64QAM	1	25	19.83	19.71	19.89	21	2
10	64QAM	1	49	19.80	19.76	19.75		
10	64QAM	25	0	18.84	18.83	18.86		
10	64QAM	25	12	18.88	18.83	18.94	20	3
10	64QAM	25	25	18.72	18.80	18.71		
10	64QAM	50	0	18.79	18.81	18.80		
10	256QAM	1	0	16.93	16.83	16.85		
10	256QAM	1	25	16.92	16.72	16.72	18	5
10	256QAM	1	49	16.94	16.82	16.96		
10	256QAM	25	0	16.68	16.78	16.72		
10	256QAM	25	12	16.72	16.88	16.89	18	5
10	256QAM	25	25	16.84	16.75	16.74		
10	256QAM	50	0	16.66	16.69	16.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.72	21.74	21.62	23	0
5	QPSK	1	12	21.68	21.66	21.52		
5	QPSK	1	24	21.71	21.74	21.47		
5	QPSK	12	0	20.57	20.82	20.67		
5	QPSK	12	7	20.66	20.72	20.62	22	1
5	QPSK	12	13	20.67	20.77	20.75		
5	QPSK	25	0	20.59	20.81	20.66		
5	16QAM	1	0	20.83	20.85	20.86		
5	16QAM	1	12	20.93	20.98	20.82	22	1
5	16QAM	1	24	20.72	20.82	20.87		
5	16QAM	12	0	19.70	19.80	19.73		
5	16QAM	12	7	19.67	19.74	19.81	21	2
5	16QAM	12	13	19.90	19.63	19.79		
5	16QAM	25	0	19.75	19.75	19.82		
5	64QAM	1	0	19.91	19.84	19.86		
5	64QAM	1	12	19.80	19.72	19.80	21	2
5	64QAM	1	24	19.91	19.70	19.98		
5	64QAM	12	0	18.92	18.74	18.68		
5	64QAM	12	7	18.64	18.91	18.76	20	3
5	64QAM	12	13	18.71	18.68	18.72		
5	64QAM	25	0	18.60	18.80	18.79		
5	256QAM	1	0	16.73	16.76	16.59		
5	256QAM	1	12	16.61	16.82	16.64	18	5
5	256QAM	1	24	16.75	16.75	16.83		
5	256QAM	12	0	16.80	16.77	16.79		
5	256QAM	12	7	16.70	16.71	16.60	18	5
5	256QAM	12	13	16.71	16.68	16.71		
5	256QAM	25	0	16.87	16.80	16.67		

Band 25 Ant1

BW [MHz]	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	21.60	21.62	21.61	23	0
20	QPSK	1	49	21.42	21.56	21.61		
20	QPSK	1	99	21.43	21.61	21.49		
20	QPSK	50	0	20.74	20.76	20.65		
20	QPSK	50	24	20.66	20.70	20.56	22	1
20	QPSK	50	50	20.62	20.75	20.56		
20	QPSK	100	0	20.66	20.72	20.54		
20	16QAM	1	0	20.67	20.66	20.72		
20	16QAM	1	49	20.64	20.54	20.69	22	1
20	16QAM	1	99	20.73	20.68	20.69		
20	16QAM	50	0	19.66	19.67	19.71		
20	16QAM	50	24	19.75	19.59	19.79	21	2
20	16QAM	50	50	19.68	19.74	19.69		
20	16QAM	100	0	19.66	19.65	19.67		
20	64QAM	1	0	19.62	19.71	19.77		
20	64QAM	1	49	19.70	19.73	19.73	21	2
20	64QAM	1	99	19.59	19.59	19.68		
20	64QAM	50	0	18.78	18.68	18.60		
20	64QAM	50	24	18.73	18.73	18.75	20	3
20	64QAM	50	50	18.72	18.76	18.78		
20	64QAM	100	0	18.71	18.64	18.70		
20	256QAM	1	0	16.66	16.68	16.77		
20	256QAM	1	49	16.72	16.69	16.53	18	5
20	256QAM	1	99	16.71	16.71	16.74		
20	256QAM	50	0	16.62	16.62	16.50		
20	256QAM	50	24	16.61	16.51	16.57	18	5
20	256QAM	50	50	16.60	16.60	16.60		
20	256QAM	100	0	16.56	16.57	16.63		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.55	21.53	21.57	23	0
15	QPSK	1	37	21.34	21.51	21.50		
15	QPSK	1	74	21.38	21.40	21.40		
15	QPSK	36	0	20.70	20.72	20.62		
15	QPSK	36	20	20.58	20.67	20.48	22	1
15	QPSK	36	39	20.56	20.63	20.52		
15	QPSK	75	0	20.55	20.65	20.44		
15	16QAM	1	0	20.59	20.57	20.63		
15	16QAM	1	37	20.55	20.42	20.58	22	1
15	16QAM	1	74	20.64	20.51	20.63		
15	16QAM	36	0	19.54	19.63	19.65		
15	16QAM	36	20	19.65	19.46	19.75	21	2
15	16QAM	36	39	19.61	19.63	19.66		
15	16QAM	75	0	19.56	19.52	19.57		
15	64QAM	1	0	19.50	19.60	19.66		
15	64QAM	1	37	19.66	19.70	19.62	21	2
15	64QAM	1	74	19.52	19.47	19.62		
15	64QAM	36	0	18.69	18.63	18.53		
15	64QAM	36	20	18.68	18.67	18.63	20	3
15	64QAM	36	39	18.63	18.72	18.70		
15	64QAM	75	0	18.62	18.56	18.66		
15	256QAM	1	0	16.61	16.61	16.67		
15	256QAM	1	37	16.62	16.58	16.50	18	5
15	256QAM	1	74	16.64	16.60	16.66		
15	256QAM	36	0	16.59	16.55	16.41		
15	256QAM	36	20	16.50	16.47	16.49	18	5
15	256QAM	36	39	16.48	16.57	16.53		
15	256QAM	75	0	16.44	16.50	16.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1910		
10	QPSK	1	0	21.54	21.53	21.54	23	0
10	QPSK	1	25	21.34	21.49	21.53		
10	QPSK	1	49	21.31	21.39	21.40		
10	QPSK	25	0	20.67	20.65	20.53		
10	QPSK	25	12	20.55	20.62	20.51	22	1
10	QPSK	25	25	20.52	20.70	20.50		
10	QPSK	50	0	20.61	20.65	20.44		
10	16QAM	1	0	20.62	20.55	20.60		
10	16QAM	1	25	20.58	20.47	20.63	22	1
10	16QAM	1	49	20.61	20.56	20.62		
10	16QAM	25	0	19.55	19.56	19.65		
10	16QAM	25	12	19.62	19.56	19.74	21	2
10	16QAM	25	25	19.61	19.67	19.62		
10	16QAM	50	0	19.55	19.60	19.62		
10	64QAM	1	0	19.56	19.62	19.72		
10	64QAM	1	25	19.66	19.66	19.69	21	2
10	64QAM	1	49	19.50	19.54	19.62		
10	64QAM	25	0	18.70	18.60	18.54		
10	64QAM	25	12	18.62	18.62	18.67	20	3
10	64QAM	25	25	18.60	18.72	18.68		
10	64QAM	50	0	18.66	18.57	18.59		
10	256QAM	1	0	16.62	16.55	16.66		
10	256QAM	1	25	16.63	16.65	16.44	18	5
10	256QAM	1	49	16.60	16.62	16.70		
10	256QAM	25	0	16.49	16.51	16.39		
10	256QAM	25	12	16.57	16.40	16.50	18	5
10	256QAM	25	25	16.55	16.49	16.51		
10	256QAM	50	0	16.51	16.50	16.50		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.55	21.55	21.57	23	0
5	QPSK	1	12	21.37	21.45	21.55		
5	QPSK	1	24	21.39	21.42	21.42		
5	QPSK	12	0	20.71	20.69	20.58	22	1
5	QPSK	12	7	20.57	20.63	20.52		
5	QPSK	12	13	20.56	20.70	20.52		
5	QPSK	25	0	20.55	20.68	20.49		
5	16QAM	1	0	20.60	20.63	20.67		
5	16QAM	1	12	20.60	20.41	20.63	22	1
5	16QAM	1	24	20.65	20.60	20.64		
5	16QAM	12	0	19.58	19.64	19.63		
5	16QAM	12	7	19.71	19.47	19.74	21	2
5	16QAM	12	13	19.62	19.67	19.58		
5	16QAM	25	0	19.54	19.53	19.64		
5	64QAM	1	0	19.49	19.60	19.74		
5	64QAM	1	12	19.58	19.63	19.69	21	2
5	64QAM	1	24	19.46	19.56	19.60		
5	64QAM	12	0	18.72	18.57	18.51		
5	64QAM	12	7	18.64	18.61	18.70	20	3
5	64QAM	12	13	18.66	18.63	18.74		
5	64QAM	25	0	18.61	18.58	18.60		
5	256QAM	1	0	16.59	16.59	16.67		
5	256QAM	1	12	16.62	16.66	16.43	18	5
5	256QAM	1	24	16.66	16.66	16.61		
5	256QAM	12	0	16.51	16.54	16.40		
5	256QAM	12	7	16.54	16.41	16.54	18	5
5	256QAM	12	13	16.54	16.50	16.53		
5	256QAM	25	0	16.51	16.53	16.52		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.49	21.53	21.54	23	0
3	QPSK	1	8	21.31	21.44	21.52		
3	QPSK	1	14	21.32	21.37	21.37		
3	QPSK	8	0	20.68	20.65	20.61	22	1
3	QPSK	8	4	20.58	20.65	20.52		
3	QPSK	8	7	20.57	20.67	20.45		
3	QPSK	15	0	20.61	20.63	20.48		
3	16QAM	1	0	20.60	20.62	20.61		
3	16QAM	1	8	20.56	20.48	20.58	22	1
3	16QAM	1	14	20.65	20.58	20.59		
3	16QAM	8	0	19.56	19.61	19.58		
3	16QAM	8	4	19.70	19.51	19.70	21	2
3	16QAM	8	7	19.63	19.71	19.59		
3	16QAM	15	0	19.56	19.55	19.60		
3	64QAM	1	0	19.54	19.66	19.67		
3	64QAM	1	8	19.64	19.64	19.61	21	2
3	64QAM	1	14	19.54	19.54	19.58		
3	64QAM	8	0	18.74	18.57	18.56		
3	64QAM	8	4	18.69	18.64	18.70	20	3
3	64QAM	8	7	18.68	18.69	18.67		
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Band 26 for FCC Ant1

BW [MHz]	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	21.94	21.99	21.96	23	0
15	QPSK	1	37	21.93	21.84	21.98		
15	QPSK	1	74	21.73	21.83	21.81		
15	QPSK	36	0	20.88	20.95	20.73	22	1
15	QPSK	36	20	20.77	20.77	20.79		
15	QPSK	36	39	20.78	20.84	20.85		
15	QPSK	75	0	20.65	20.91	20.74		
15	16QAM	1	0	20.89	20.93	20.93	22	1
15	16QAM	1	37	21.03	20.82	20.95		
15	16QAM	1	74	21.01	20.86	20.95		
15	16QAM	36	0	19.97	19.94	20.06	21	2
15	16QAM	36	20	19.89	19.94	20.02		
15	16QAM	36	39	19.84	19.92	20.07		
15	16QAM	75	0	19.99	19.93	20.00		
15	64QAM	1	0	19.96	19.89	19.82	21	2
15	64QAM	1	37	19.78	19.94	20.00		
15	64QAM	1	74	19.88	20.01	19.92		
15	64QAM	36	0	18.84	18.96	18.99	20	3
15	64QAM	36	20	18.96	18.94	19.06		
15	64QAM	36	39	19.05	18.92	18.86		
15	64QAM	75	0	18.80	18.91	19.01		
15	256QAM	1	0	17.13	17.06	17.16	18	5
15	256QAM	1	37	17.05	16.97	17.16		
15	256QAM	1	74	16.97	17.08	17.10		
15	256QAM	36	0	17.11	17.01	17.05	18	5
15	256QAM	36	20	16.92	17.09	16.92		
15	256QAM	36	39	16.88	16.93	16.91		
15	256QAM	75	0	16.91	16.98	16.90		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.53	21.55	21.55	23	0
10	QPSK	1	25	21.59	21.37	21.40		
10	QPSK	1	49	21.56	21.46	21.37		
10	QPSK	25	0	20.53	20.70	20.69	22	1
10	QPSK	25	12	20.57	20.64	20.46		
10	QPSK	25	25	20.50	20.59	20.63		
10	QPSK	50	0	20.54	20.62	20.44		
10	16QAM	1	0	20.63	20.59	20.57	22	1
10	16QAM	1	25	20.70	20.47	20.73		
10	16QAM	1	49	20.61	20.57	20.61		
10	16QAM	25	0	19.65	19.58	19.59	21	2
10	16QAM	25	12	19.66	19.51	19.55		
10	16QAM	25	25	19.66	19.62	19.67		
10	16QAM	50	0	19.40	19.53	19.60		
10	64QAM	1	0	19.68	19.53	19.44	21	2
10	64QAM	1	25	19.66	19.49	19.47		
10	64QAM	1	49	19.64	19.50	19.63		
10	64QAM	25	0	18.57	18.54	18.65	20	3
10	64QAM	25	12	18.67	18.52	18.65		
10	64QAM	25	25	18.58	18.63	18.53		
10	64QAM	50	0	18.45	18.62	18.59		
10	256QAM	1	0	16.61	16.60	16.66	18	5
10	256QAM	1	25	16.67	16.58	16.49		
10	256QAM	1	49	16.53	16.47	16.56		
10	256QAM	25	0	16.52	16.52	16.46	18	5
10	256QAM	25	12	16.42	16.35	16.33		
10	256QAM	25	25	16.55	16.39	16.55		
10	256QAM	50	0	16.45	16.60	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.53	21.55	21.50	23	0
5	QPSK	1	12	21.56	21.39	21.42		
5	QPSK	1	24	21.50	21.47	21.30		
5	QPSK	12	0	20.54	20.69	20.61	22	1
5	QPSK	12	7	20.57	20.61	20.49		
5	QPSK	12	13	20.44	20.50	20.60		
5	QPSK	25	0	20.52	20.60	20.48		
5	16QAM	1	0	20.66	20.58	20.58	22	1
5	16QAM	1	12	20.67	20.52	20.70		
5	16QAM	1	24	20.66	20.58	20.70		
5	16QAM	12	0	19.64	19.56	19.56	21	2
5	16QAM	12	7	19.65	19.56	19.56		
5	16QAM	12	13	19.65	19.58	19.64		
5	16QAM	25	0	19.46	19.50	19.56		
5	64QAM	1	0	19.65	19.58	19.50	21	2
5	64QAM	1	12	19.64	19.49	19.45		
5	64QAM	1	24	19.73	19.50	19.64		
5	64QAM	12	0	18.63	18.60	18.62	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.62	18.67	18.52		
5	64QAM	25	0	18.51	18.64	18.53		
5	256QAM	1	0	16.57	16.59	16.67	18	5
5	256QAM	1	12	16.73	16.62	16.53		
5	256QAM	1	24	16.53	16.50	16.56		
5	256QAM	12	0	16.55	16.51	16.46	18	5
5	256QAM	12	7	16.40	16.39	16.36		
5	256QAM	12	13	16.55	16.34	16.58		
5	256QAM	25	0	16.49	16.51	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.49	21.61	21.54	23	0
3	QPSK	1	8	21.57	21.35	21.46		
3	QPSK	1	14	21.55	21.46	21.37		
3	QPSK	8	0	20.50	20.66	20.68	22	1
3	QPSK	8	4	20.57	20.61	20.51		
3	QPSK	8	7	20.45	20.49	20.67		
3	QPSK	15	0	20.48	20.59	20.46		
3	16QAM	1	0	20.67	20.53	20.61	22	1
3	16QAM	1	8	20.64	20.52	20.67		
3	16QAM	1	14	20.61	20.52	20.68		
3	16QAM	8	0	19.62	19.57	19.55	21	2
3	16QAM	8	4	19.64	19.54	19.59		
3	16QAM	8	7	19.67	19.59	19.68		
3	16QAM	15	0	19.41	19.57	19.55		
3	64QAM	1	0	19.68	19.55	19.47	21	2
3	64QAM	1	8	19.66	19.51	19.47		
3	64QAM	1	14	19.72	19.49	19.59		
3	64QAM	8	0	18.60	18.54	18.62	20	3
3	64QAM	8	4	18.67	18.55	18.60		
3	64QAM	8	7	18.58	18.59	18.51		
3	64QAM	15	0	18.47	18.59	18.59		
3	256QAM	1	0	16.62	16.53	16.67	18	5
3	256QAM	1	8	16.71	16.60	16.48		
3	256QAM	1	14	16.51	16.46	16.49		
3	256QAM	8	0	16.56	16.50	16.40	18	5
3	256QAM	8	4	16.39	16.33	16.39		
3	256QAM	8	7	16.56	16.40	16.56		
3	256QAM	15	0	16.47	16.59	16.48		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 66 Ant1

BW [MHz]	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	21.61	21.65	21.63	23	0
20	QPSK	1	49	21.64	21.48	21.50		
20	QPSK	1	99	21.60	21.55	21.41		
20	QPSK	50	0	20.57	20.74	20.73	22	1
20	QPSK	50	24	20.69	20.70	20.59		
20	QPSK	50	50	20.54	20.62	20.72		
20	QPSK	100	0	20.61	20.68	20.52		
20	16QAM	1	0	20.76	20.65	20.65	22	1
20	16QAM	1	49	20.75	20.58	20.77		
20	16QAM	1	99	20.71	20.65	20.74		
20	16QAM	50	0	19.73	19.67	19.65	21	2
20	16QAM	50	24	19.75	19.60	19.63		
20	16QAM	50	50	19.71	19.65	19.73		
20	16QAM	100	0	19.50	19.62	19.66		
20	64QAM	1	0	19.75	19.64	19.56	21	2
20	64QAM	1	49	19.71	19.55	19.54		
20	64QAM	1	99	19.77	19.55	19.71		
20	64QAM	50	0	18.70	18.65	18.71	20	3
20	64QAM	50	24	18.71	18.62	18.68		
20	64QAM	50	50	18.70	18.70	18.62		
20	64QAM	100	0	18.56	18.68	18.65		
20	256QAM	1	0	16.67	16.66	16.77	18	5
20	256QAM	1	49	16.78	16.65	16.58		
20	256QAM	1	99	16.61	16.56	16.61		
20	256QAM	50	0	16.61	16.57	16.49	18	5
20	256QAM	50	24	16.46	16.44	16.46		
20	256QAM	50	50	16.62	16.47	16.63		
20	256QAM	100	0	16.56	16.63	16.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.56	21.53	21.55	23	0
15	QPSK	1	37	21.58	21.36	21.39		
15	QPSK	1	74	21.54	21.43	21.29		
15	QPSK	36	0	20.50	20.68	20.68	22	1
15	QPSK	36	20	20.57	20.66	20.56		
15	QPSK	36	39	20.47	20.57	20.65		
15	QPSK	75	0	20.54	20.61	20.43		
15	16QAM	1	0	20.64	20.59	20.60	22	1
15	16QAM	1	37	20.64	20.47	20.72		
15	16QAM	1	74	20.61	20.57	20.62		
15	16QAM	36	0	19.62	19.58	19.53	21	2
15	16QAM	36	20	19.68	19.54	19.54		
15	16QAM	36	39	19.65	19.52	19.64		
15	16QAM	75	0	19.38	19.58	19.59		
15	64QAM	1	0	19.69	19.61	19.44	21	2
15	64QAM	1	37	19.61	19.42	19.44		
15	64QAM	1	74	19.68	19.50	19.65		
15	64QAM	36	0	18.59	18.54	18.67	20	3
15	64QAM	36	20	18.66	18.51	18.61		
15	64QAM	36	39	18.64	18.62	18.52		
15	64QAM	75	0	18.50	18.57	18.54		
15	256QAM	1	0	16.63	16.55	16.74	18	5
15	256QAM	1	37	16.71	16.62	16.53		
15	256QAM	1	74	16.51	16.51	16.55		
15	256QAM	36	0	16.55	16.50	16.43	18	5
15	256QAM	36	20	16.38	16.36	16.38		
15	256QAM	36	39	16.52	16.35	16.58		
15	256QAM	75	0	16.47	16.57	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.51	21.56	21.52	23	0
10	QPSK	1	25	21.61	21.45	21.40		
10	QPSK	1	49	21.56	21.51	21.34		
10	QPSK	25	0	20.53	20.66	20.69	22	1
10	QPSK	25	12	20.65	20.63	20.46		
10	QPSK	25	25	20.44	20.56	20.62		
10	QPSK	50	0	20.56	20.63	20.43		
10	16QAM	1	0	20.69	20.55	20.57	22	1
10	16QAM	1	25	20.68	20.52	20.65		
10	16QAM	1	49	20.62	20.60	20.70		
10	16QAM	25	0	19.61	19.55	19.53	21	2
10	16QAM	25	12	19.69	19.55	19.59		
10	16QAM	25	25	19.62	19.56	19.67		
10	16QAM	50	0	19.46	19.55	19.60		
10	64QAM	1	0	19.68	19.55	19.52	21	2
10	64QAM	1	25	19.65	19.42	19.50		
10	64QAM	1	49	19.68	19.47	19.68		
10	64QAM	25	0	18.58	18.61	18.60	20	3
10	64QAM	25	12	18.62	18.49	18.57		
10	64QAM	25	25	18.60	18.60	18.54		
10	64QAM	50	0	18.45	18.56	18.55		
10	256QAM	1	0	16.60	16.57	16.69	18	5
10	256QAM	1	25	16.74	16.57	16.51		
10	256QAM	1	49	16.55	16.47	16.54		
10	256QAM	25	0	16.56	16.49	16.40	18	5
10	256QAM	25	12	16.34	16.32	16.39		
10	256QAM	25	25	16.56	16.34	16.58		
10	256QAM	50	0	16.44	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.51	21.53	21.51	23	0
5	QPSK	1	12	21.54	21.42	21.38		
5	QPSK	1	24	21.56	21.45	21.30		
5	QPSK	12	0	20.49	20.67	20.69	22	1
5	QPSK	12	7	20.64	20.65	20.48		
5	QPSK	12	13	20.42	20.56	20.60		
5	QPSK	25	0	20.50	20.59	20.46		
5	16QAM	1	0	20.66	20.53	20.59	22	1
5	16QAM	1	12	20.62	20.48	20.70		
5	16QAM	1	24	20.65	20.56	20.64		
5	16QAM	12	0	19.68	19.55	19.59	21	2
5	16QAM	12	7	19.72	19.52	19.58		
5	16QAM	12	13	19.62	19.59	19.62		
5	16QAM	25	0	19.43	19.57	19.55		
5	64QAM	1	0	19.62	19.60	19.45	21	2
5	64QAM	1	12	19.59	19.48	19.42		
5	64QAM	1	24	19.65	19.44	19.64		
5	64QAM	12	0	18.64	18.60	18.66	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.59	18.60	18.55		
5	64QAM	25	0	18.46	18.65	18.57		
5	256QAM	1	0	16.59	16.58	16.69	18	5
5	256QAM	1	12	16.70	16.56	16.49		
5	256QAM	1	24	16.53	16.44	16.50		
5	256QAM	12	0	16.55	16.49	16.43	18	5
5	256QAM	12	7	16.39	16.38	16.36		
5	256QAM	12	13	16.58	16.39	16.56		
5	256QAM	25	0	16.44	16.51	16.51		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.52	21.55	21.56	23	0
3	QPSK	1	8	21.54	21.42	21.40		
3	QPSK	1	14	21.56	21.50	21.35		
3	QPSK	8	0	20.52	20.66	20.61	22	1
3	QPSK	8	4	20.62	20.62	20.47		
3	QPSK	8	7	20.47	20.52	20.62		
3	QPSK	15	0	20.49	20.61	20.47		
3	16QAM	1	0	20.67	20.61	20.55	22	1
3	16QAM	1	8	20.62	20.50	20.71		
3	16QAM	1	14	20.59	20.58	20.61		
3	16QAM	8	0	19.61	19.60	19.59	21	2
3	16QAM	8	4	19.66	19.56	19.52		
3	16QAM	8	7	19.68	19.59	19.64		
3	16QAM	15	0	19.39	19.56	19.55		
3	64QAM	1	0	19.66	19.53	19.49	21	2
3	64QAM	1	8	19.66	19.51	19.45		
3	64QAM	1	14	19.68	19.46	19.67		
3	64QAM	8	0	18.63	18.56	18.67	20	3
3	64QAM	8	4	18.65	18.58	18.57		
3	64QAM	8	7	18.58	18.61	18.58		
3	64QAM	15	0	18.45	18.62	18.62		
3	256QAM	1	0	16.56	16.58	16.70	18	5
3	256QAM	1	8	16.73	16.56	16.49		
3	256QAM	1	14	16.56	16.44	16.54		
3	256QAM	8	0	16.53	16.52	16.45	18	5
3	256QAM	8	4	16.41	16.36	16.42		
3	256QAM	8	7	16.58	16.38	16.56		
3	256QAM	15	0	16.43	16.55	16.46		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.03	22.11	21.97	23	0
20	QPSK	1	49	22.02	22.06	21.82		
20	QPSK	1	99	21.97	21.87	21.89		
20	QPSK	50	0	21.03	21.06	20.88	22	1
20	QPSK	50	24	20.96	20.92	20.93		
20	QPSK	50	50	20.95	20.86	20.90		
20	QPSK	100	0	20.92	21.01	20.94		
20	16QAM	1	0	21.09	20.98	21.03	22	1
20	16QAM	1	49	21.10	21.01	20.93		
20	16QAM	1	99	20.87	21.00	20.86		
20	16QAM	50	0	20.25	20.18	20.24	21	2
20	16QAM	50	24	20.09	20.16	20.11		
20	16QAM	50	50	20.08	20.09	20.19		
20	16QAM	100	0	20.20	20.10	20.05		
20	64QAM	1	0	20.08	20.09	20.11	21	2
20	64QAM	1	49	20.08	20.05	20.05		
20	64QAM	1	99	20.19	20.20	20.14		
20	64QAM	50	0	19.04	19.14	19.24	20	3
20	64QAM	50	24	19.17	19.18	19.05		
20	64QAM	50	50	19.27	19.24	19.08		
20	64QAM	100	0	19.28	19.18	19.06		
20	256QAM	1	0	17.20	17.13	17.01	18	5
20	256QAM	1	49	17.06	17.03	17.06		
20	256QAM	1	99	17.10	17.01	17.06		
20	256QAM	50	0	17.15	17.08	17.10	18	5
20	256QAM	50	24	17.01	17.06	17.05		
20	256QAM	50	50	17.20	17.00	17.21		
20	256QAM	100	0	16.94	17.01	17.13		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.95	21.99	21.94	23	0
15	QPSK	1	37	21.94	21.96	21.70		
15	QPSK	1	74	21.91	21.82	21.81		
15	QPSK	36	0	20.96	20.97	20.81	22	1
15	QPSK	36	20	20.87	20.81	20.89		
15	QPSK	36	39	20.86	20.81	20.79		
15	QPSK	75	0	20.88	20.95	20.91		
15	16QAM	1	0	21.02	20.89	20.95	22	1
15	16QAM	1	37	20.99	20.90	20.90		
15	16QAM	1	74	20.77	20.91	20.83		
15	16QAM	36	0	20.13	20.14	20.12	21	2
15	16QAM	36	20	19.99	20.13	20.02		
15	16QAM	36	39	19.96	20.04	20.09		
15	16QAM	75	0	20.08	20.04	19.94		
15	64QAM	1	0	20.02	20.05	20.07	21	2
15	64QAM	1	37	20.04	19.95	20.00		
15	64QAM	1	74	20.07	20.10	20.06		
15	64QAM	36	0	18.93	19.06	19.15	20	3
15	64QAM	36	20	19.05	19.11	18.94		
15	64QAM	36	39	19.20	19.15	19.02		
15	64QAM	75	0	19.17	19.09	18.94		
15	256QAM	1	0	17.11	17.09	16.97	18	5
15	256QAM	1	37	16.98	16.93	17.02		
15	256QAM	1	74	17.04	16.89	16.96		
15	256QAM	36	0	17.10	16.95	16.99	18	5
15	256QAM	36	20	16.96	17.01	16.96		
15	256QAM	36	39	17.12	16.91	17.17		
15	256QAM	75	0	16.89	16.94	17.09		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.98	22.03	21.89	23	0
10	QPSK	1	25	21.92	21.95	21.78		
10	QPSK	1	49	21.85	21.81	21.81		
10	QPSK	25	0	20.97	21.02	20.82	22	1
10	QPSK	25	12	20.87	20.87	20.81		
10	QPSK	25	25	20.91	20.79	20.77		
10	QPSK	50	0	20.88	20.95	20.90		
10	16QAM	1	0	21.06	20.86	20.93	22	1
10	16QAM	1	25	21.04	20.92	20.83		
10	16QAM	1	49	20.77	20.96	20.79		
10	16QAM	25	0	20.19	20.09	20.20	21	2
10	16QAM	25	12	20.02	20.06	20.00		
10	16QAM	25	25	19.96	20.02	20.07		
10	16QAM	50	0	20.14	20.06	20.00		
10	64QAM	1	0	19.99	20.01	20.08	21	2
10	64QAM	1	25	20.04	20.00	20.02		
10	64QAM	1	49	20.16	20.09	20.05		
10	64QAM	25	0	19.00	19.10	19.19	20	3
10	64QAM	25	12	19.09	19.10	19.01		
10	64QAM	25	25	19.24	19.12	18.97		
10	64QAM	50	0	19.15	19.14	18.98		
10	256QAM	1	0	17.07	17.08	16.88	18	5
10	256QAM	1	25	16.97	16.95	16.96		
10	256QAM	1	49	16.98	16.90	17.01		
10	256QAM	25	0	17.12	17.03	17.05	18	5
10	256QAM	25	12	16.93	17.00	16.96		
10	256QAM	25	25	17.11	16.88	17.10		
10	256QAM	50	0	16.82	16.89	17.02		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.98	22.01	21.91	23	0
5	QPSK	1	12	21.91	21.99	21.75		
5	QPSK	1	24	21.85	21.83	21.77		
5	QPSK	12	0	20.90	21.01	20.80	22	1
5	QPSK	12	7	20.93	20.82	20.89		
5	QPSK	12	13	20.83	20.82	20.78		
5	QPSK	25	0	20.87	20.92	20.81		
5	16QAM	1	0	21.04	20.89	20.94	22	1
5	16QAM	1	12	21.06	20.97	20.83		
5	16QAM	1	24	20.76	20.90	20.73		
5	16QAM	12	0	20.19	20.11	20.13	21	2
5	16QAM	12	7	19.98	20.07	20.04		
5	16QAM	12	13	20.02	19.97	20.14		
5	16QAM	25	0	20.08	20.05	19.99		
5	64QAM	1	0	20.05	20.00	20.08	21	2
5	64QAM	1	12	19.97	19.96	19.92		
5	64QAM	1	24	20.14	20.09	20.03		
5	64QAM	12	0	19.00	19.09	19.17	20	3
5	64QAM	12	7	19.13	19.05	18.95		
5	64QAM	12	13	19.16	19.20	19.00		
5	64QAM	25	0	19.24	19.14	18.99		
5	256QAM	1	0	17.10	17.04	16.91	18	5
5	256QAM	1	12	16.95	16.94	16.98		
5	256QAM	1	24	16.97	16.94	16.99		
5	256QAM	12	0	17.10	17.01	17.01	18	5
5	256QAM	12	7	16.88	16.99	16.99		
5	256QAM	12	13	17.13	16.94	17.09		
5	256QAM	25	0	16.82	16.98	17.02		

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BW [MHz]	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	21.58	21.66	21.60	23	0
20	QPSK	1	49	21.46	21.45	21.57		
20	QPSK	1	99	21.62	21.54	21.53		
20	QPSK	50	0	20.67	20.73	20.55	22	1
20	QPSK	50	24	20.69	20.70	20.63		
20	QPSK	50	50	20.51	20.61	20.58		
20	QPSK	100	0	20.52	20.69	20.57		
20	16QAM	1	0	20.73	20.75	20.72		
20	16QAM	1	49	20.87	20.80	20.75	22	1
20	16QAM	1	99	20.71	20.85	20.82		
20	16QAM	50	0	19.65	19.68	19.78		
20	16QAM	50	24	19.75	19.71	19.70	21	2
20	16QAM	50	50	19.66	19.68	19.64		
20	16QAM	100	0	19.70	19.71	19.72		
20	64QAM	1	0	19.39	19.47	19.57		
20	64QAM	1	49	19.57	19.43	19.37	21	2
20	64QAM	1	99	19.48	19.60	19.40		
20	64QAM	50	0	18.35	18.40	18.46		
20	64QAM	50	24	18.53	18.45	18.42	20	3
20	64QAM	50	50	18.27	18.30	18.32		
20	64QAM	100	0	18.43	18.52	18.51		
20	256QAM	1	0	16.55	16.62	16.65		
20	256QAM	1	49	16.60	16.62	16.57	18	5
20	256QAM	1	99	16.64	16.73	16.74		
20	256QAM	50	0	16.64	16.59	16.56		
20	256QAM	50	24	16.68	16.56	16.64	18	5
20	256QAM	50	50	16.56	16.60	16.60		
20	256QAM	100	0	16.71	16.68	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.49	21.60	21.50		
15	QPSK	1	37	21.40	21.41	21.47	23	0
15	QPSK	1	74	21.51	21.41	21.45		
15	QPSK	36	0	20.59	20.63	20.50		
15	QPSK	36	20	20.61	20.67	20.60	22	1
15	QPSK	36	39	20.40	20.53	20.54		
15	QPSK	75	0	20.48	20.66	20.52		
15	16QAM	1	0	20.64	20.70	20.61		
15	16QAM	1	37	20.78	20.72	20.63	22	1
15	16QAM	1	74	20.68	20.79	20.78		
15	16QAM	36	0	19.57	19.61	19.68		
15	16QAM	36	20	19.69	19.67	19.62	21	2
15	16QAM	36	39	19.57	19.59	19.58		
15	16QAM	75	0	19.62	19.66	19.66		
15	64QAM	1	0	19.34	19.37	19.51		
15	64QAM	1	37	19.50	19.34	19.27	21	2
15	64QAM	1	74	19.38	19.49	19.29		
15	64QAM	36	0	18.29	18.36	18.42		
15	64QAM	36	20	18.45	18.34	18.39	20	3
15	64QAM	36	39	18.18	18.26	18.20		
15	64QAM	75	0	18.38	18.41	18.46		
15	256QAM	1	0	16.48	16.49	16.61		
15	256QAM	1	37	16.47	16.58	16.44	18	5
15	256QAM	1	74	16.53	16.66	16.70		
15	256QAM	36	0	16.56	16.55	16.52		
15	256QAM	36	20	16.56	16.52	16.57	18	5
15	256QAM	36	39	16.46	16.49	16.52		
15	256QAM	75	0	16.65	16.62	16.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.49	21.57	21.50		
10	QPSK	1	25	21.40	21.38	21.47	23	0
10	QPSK	1	49	21.56	21.44	21.43		
10	QPSK	25	0	20.63	20.62	20.46		
10	QPSK	25	12	20.62	20.66	20.57	22	1
10	QPSK	25	25	20.42	20.56	20.47		
10	QPSK	50	0	20.41	20.66	20.51		
10	16QAM	1	0	20.70	20.63	20.69		
10	16QAM	1	25	20.84	20.69	20.71	22	1
10	16QAM	1	49	20.59	20.74	20.74		
10	16QAM	25	0	19.53	19.58	19.66		
10	16QAM	25	12	19.67	19.62	19.63	21	2
10	16QAM	25	25	19.55	19.58	19.55		
10	16QAM	50	0	19.66	19.67	19.60		
10	64QAM	1	0	19.28	19.38	19.46		
10	64QAM	1	25	19.47	19.34	19.32	21	2
10	64QAM	1	49	19.44	19.51	19.35		
10	64QAM	25	0	18.28	18.33	18.41		
10	64QAM	25	12	18.41	18.34	18.30	20	3
10	64QAM	25	25	18.18	18.25	18.21		
10	64QAM	50	0	18.39	18.41	18.42		
10	256QAM	1	0	16.51	16.58	16.54		
10	256QAM	1	25	16.57	16.58	16.53	18	5
10	256QAM	1	49	16.59	16.70	16.69		
10	256QAM	25	0	16.56	16.55	16.49		
10	256QAM	25	12	16.62	16.44	16.55	18	5
10	256QAM	25	25	16.43	16.50	16.50		
10	256QAM	50	0	16.66	16.62	16.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.52	21.55	21.55		
5	QPSK	1	12	21.38	21.41	21.51	23	0
5	QPSK	1	24	21.49	21.45	21.43		
5	QPSK	12	0	20.62	20.66	20.51		
5	QPSK	12	7	20.57	20.59	20.55	22	1
5	QPSK	12	13	20.46	20.56	20.50		
5	QPSK	25	0	20.44	20.64	20.50		
5	16QAM	1	0	20.61	20.66	20.64		
5	16QAM	1	12	20.77	20.70	20.70	22	1
5	16QAM	1	24	20.66	20.79	20.74		
5	16QAM	12	0	19.52	19.59	19.75		
5	16QAM	12	7	19.70	19.59	19.58	21	2
5	16QAM	12	13	19.53	19.64	19.52		
5	16QAM	25	0	19.61	19.66	19.64		
5	64QAM	1	0	19.26	19.37	19.47		
5	64QAM	1	12	19.52	19.33	19.32	21	2
5	64QAM	1	24	19.41	19.55	19.30		
5	64QAM	12	0	18.31	18.37	18.39		
5	64QAM	12	7	18.44	18.37	18.31	20	3
5	64QAM	12	13	18.15	18.19	18.19		
5	64QAM	25	0	18.40	18.41	18.39		
5	256QAM	1	0	16.48	16.51	16.59		
5	256QAM	1	12	16.50	16.58	16.49	18	5
5	256QAM	1	24	16.60	16.62	16.64		
5	256QAM	12	0	16.52	16.53	16.45		
5	256QAM	12	7	16.58	16.51	16.59	18	5
5	256QAM	12	13	16.51	16.54	16.55		
5	256QAM	25	0	16.63	16.61	16.54		

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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	21.95	21.90	21.99	21.68	21.51		
20	QPSK	1	49	21.90	21.83	21.80	21.68	21.70	23	0
20	QPSK	1	99	21.93	21.74	21.87	21.67	21.86		
20	QPSK	50	0	20.82	21.01	21.03	20.91	20.82		
20	QPSK	50	24	20.84	20.95	20.86	20.82	20.92	22	1
20	QPSK	50	50	21.00	20.92	20.94	20.82	20.99		
20	QPSK	100	0	20.96	20.89	20.99	20.79	20.79		
20	16QAM	1	0	20.89	20.75	20.86	20.87	20.94		
20	16QAM	1	49	20.77	20.76	20.93	20.84	20.88	22	1
20	16QAM	1	99	20.84	20.91	20.84	20.77	20.77		
20	16QAM	50	0	20.05	19.97	19.95	19.96	19.83		
20	16QAM	50	24	19.87	19.82	19.94	20.05	19.88	21	2
20	16QAM	50	50	19.92	20.01	19.90	19.94	19.98		
20	16QAM	100	0	20.03	20.02	19.93	20.04	19.93		
20	64QAM	1	0	19.92	20.07	19.96	19.92	20.03		
20	64QAM	1	49	19.90	19.93	20.09	20.08	20.03	21	2
20	64QAM	1	99	19.90	20.07	19.93	20.09	19.90		
20	64QAM	50	0	18.96	19.03	18.98	19.07	19.06		
20	64QAM	50	24	18.96	18.97	18.98	18.96	19.05	20	3
20	64QAM	50	50	19.01	18.99	19.04	19.08	18.88		
20	64QAM	100	0	19.94	19.86	19.97	19.98	19.94		
20	256QAM	1	0	17.04	17.00	16.98	16.95	17.03		
20	256QAM	1	49	17.09	16.97	17.05	17.09	16.91	18	5
20	256QAM	1	99	16.93	17.11	16.90	16.86	17.03		
20	256QAM	50	0	17.05	16.91	16.96	16.84	17.02		
20	256QAM	50	24	16.89	17.03	16.85	16.87	16.85	18	5
20	256QAM	50	50	17.03	16.89	16.86	16.84	17.03		
20	256QAM	100	0	16.85	16.99	16.92	16.89	16.82		
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	21.88	21.80	21.87	21.61	21.47		
15	QPSK	1	37	21.86	21.75	21.76	21.57	21.58	23	0
15	QPSK	1	74	21.85	21.65	21.75	21.59	21.75		
15	QPSK	36	0	20.74	20.95	20.98	20.85	20.72		
15	QPSK	36	20	20.75	20.88	20.82	20.78	20.84	22	1
15	QPSK	36	39	20.95	20.81	20.83	20.78	20.92		
15	QPSK	75	0	20.92	20.81	20.95	20.71	20.71		
15	16QAM	1	0	20.86	20.64	20.74	20.76	20.84		
15	16QAM	1	37	20.65	20.68	20.90	20.74	20.84	22	1
15	16QAM	1	74	20.77	20.79	20.78	20.67	20.70		
15	16QAM	36	0	19.98	19.92	19.91	19.88	19.70		
15	16QAM	36	20	19.84	19.71	19.90	20.01	19.82	21	2
15	16QAM	36	39	19.86	19.92	19.84	19.85	19.86		
15	16QAM	75	0	19.97	19.91	19.80	20.01	19.85		
15	64QAM	1	0	19.80	20.01	19.92	19.82	20.00		
15	64QAM	1	37	19.82	19.84	20.06	20.01	19.97	21	2
15	64QAM	1	74	19.83	19.95	19.90	20.04	19.80		
15	64QAM	36	0	18.89	18.98	18.87	19.03	18.97		
15	64QAM	36	20	18.92	18.91	18.86	18.86	18.96	20	3
15	64QAM	36	39	18.91	18.95	18.99	19.05	18.81		
15	64QAM	75	0	19.89	19.74	19.89	19.87	19.88		
15	256QAM	1	0	16.96	16.88	16.87	16.86	16.96		
15	256QAM	1	37	17.02	16.90	16.98	17.05	16.83	18	5
15	256QAM	1	74	16.81	17.03	16.84	16.74	16.94		
15	256QAM	36	0	16.99	16.82	16.92	16.77	16.91		
15	256QAM	36	20	16.80	16.94	16.74	16.83	16.81	18	5
15	256QAM	36	39	16.94	16.85	16.75	16.77	16.98		
15	256QAM	75	0	16.76	16.90	16.84	16.83	16.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.86	21.82	21.87	21.56	21.45		
10	QPSK	1	25	21.80	21.72	21.69	21.59	21.67	23	0
10	QPSK	1	49	21.83	21.70	21.83	21.56	21.75		
10	QPSK	25	0	20.78	20.96	20.99	20.86	20.71		
10	QPSK	25	12	20.74	20.85	20.82	20.72	20.83	22	1
10	QPSK	25	25	20.93	20.84	20.89	20.78	20.91		
10	QPSK	50	0	20.92	20.77	20.93	20.67	20.73		
10	16QAM	1	0	20.85	20.65	20.73	20.80	20.90		
10	16QAM	1	25	20.64	20.64	20.85	20.73	20.75	22	1
10	16QAM	1	49	20.73	20.80	20.79	20.71	20.69		
10	16QAM	25	0	20.00	19.92	19.89	19.92	19.70		
10	16QAM	25	12	19.80	19.77	19.90	19.94	19.84	21	2
10	16QAM	25	25	19.82	19.93	19.86	19.82	19.90		
10	16QAM	50	0	19.96	19.89	19.83	20.00	19.85		
10	64QAM	1	0	19.85	19.99	19.84	19.85	19.93		
10	64QAM	1	25	19.78	19.83	20.03	19.96	19.99	21	2
10	64QAM	1	49	19.83	20.04	19.81	19.99	19.80		
10	64QAM	25	0	18.84	18.99	18.90	18.96	18.97		
10	64QAM	25	12	18.93	18.93	18.87	18.91	18.93	20	3
10	64QAM	25	25	18.92	18.95	18.92	18.96	18.82		
10	64QAM	50	0	19.90	19.76	19.88	19.94	19.85		
10	256QAM	1	0	16.98	16.95	16.91	16.88	16.97		
10	256QAM	1	25	16.98	16.91	16.92	17.03	16.85	18	5
10	256QAM	1	49	16.87	16.99	16.78	16.73	16.94		
10	256QAM	25	0	16.95	16.87	16.87	16.76	16.99		
10	256QAM	25	12	16.84	16.98	16.74	16.80	16.76	18	5
10	256QAM	25	25	16.97	16.77	16.74	16.76	16.92		
10	256QAM	50	0	16.78	16.87	16.84	16.78	16.74		
Channel				39675	40140	40620	41083	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.88	21.87	21.88	21.65	21.40		
5	QPSK	1	12	21.83	21.75	21.71	21.63	21.66	23	0
5	QPSK	1	24	21.85	21.64	21.83	21.61	21.75		
5	QPSK	12	0	20.75	20.92	20.95	20.87	20.72		
5	QPSK	12	7	20.74	20.86	20.73	20.71	20.83	22	1
5	QPSK	12	13	20.88	20.89	20.90	20.75	20.90		
5	QPSK	25	0	20.87	20.83	20.92	20.70	20.76		
5	16QAM	1	0	20.82	20.64	20.81	20.82	20.85		
5	16QAM	1	12	20.73	20.66	20.87	20.73	20.85	22	1
5	16QAM	1	24	20.74	20.80	20.79	20.73	20.67		
5	16QAM	12	0	19.98	19.85	19.87	19.84	19.72		
5	16QAM	12	7	19.80	19.74	19.84	19.95	19.78	21	2
5	16QAM	12	13	19.88	19.90	19.77	19.85	19.90		
5	16QAM	25	0	19.94	19.97	19.83	19.96	19.80		
5	64QAM	1	0	19.81	19.98	19.90	19.82	19.93		
5	64QAM	1	12	19.77	19.88	20.04	19.99	19.90	21	2
5	64QAM	1	24	19.79	20.01	19.90	20.01	19.84		
5	64QAM	12	0	18.87	18.96	18.87	18.97	18.98		
5	64QAM	12	7	18.87	18.94	18.86	18.86	19.01	20	3
5	64QAM	12	13	18.95	18.92	18.94	19.01	18.77		
5	64QAM	25	0	19.83	19.80	19.93	19.93	19.86		
5	256QAM	1	0	16.95	16.93	16.91	16.82	16.94		
5	256QAM	1	12	17.01	16.87	16.96	17.02	16.79	18	5
5	256QAM	1	24	16.81	17.06	16.82	16.75	16.90		
5	256QAM	12	0	16.95	16.81	16.88	16.78	16.96		
5	256QAM	12	7	16.83	16.94	16.80	16.81	16.80	18	5
5	256QAM	12	13	16.96	16.78	16.77	16.75	16.91		
5	256QAM	25	0	16.74	16.93	16.84	16.83	16.71		

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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	24.85	24.84	24.87	24.69	24.47		
20	QPSK	1	49	24.67	24.76	24.81	24.49	24.80	26	0
20	QPSK	1	99	24.58	24.78	24.64	24.48	24.75		
20	QPSK	50	0	23.78	23.71	23.96	23.72	23.82		
20	QPSK	50	24	23.73	23.85	23.80	23.72	23.65	25	1
20	QPSK	50	50	23.66	23.81	23.75	23.67	23.73		
20	QPSK	100	0	23.65	23.82	23.83	23.80	23.75		
20	16QAM	1	0	23.76	23.93	23.85	23.75	23.81		
20	16QAM	1	49	23.86	23.74	23.92	23.81	23.89	25	1
20	16QAM	1	99	23.80	23.97	23.73	23.85	23.85		
20	16QAM	50	0	22.74	22.79	22.87	22.84	22.96		
20	16QAM	50	24	22.81	22.99	22.76	22.97	22.98	24	2
20	16QAM	50	50	22.91	22.82	22.77	22.81	22.74		
20	16QAM	100	0	22.87	22.90	22.81	22.88	22.92		
20	64QAM	1	0	22.78	22.76	22.78	22.74	22.68		
20	64QAM	1	49	22.78	22.82	22.73	22.81	22.77	24	2
20	64QAM	1	99	22.72	22.68	22.72	22.65	22.77		
20	64QAM	50	0	21.86	21.89	21.88	21.90	22.01		
20	64QAM	50	24	21.85	21.84	21.78	21.82	21.88	23	3
20	64QAM	50	50	21.75	21.89	21.86	21.83	21.83		
20	64QAM	100	0	21.69	21.93	21.80	21.83	21.72		
20	256QAM	1	0	19.86	19.84	19.88	19.86	19.98		
20	256QAM	1	49	19.76	19.76	19.90	19.77	19.95	21	5
20	256QAM	1	99	19.93	19.97	19.98	19.92	19.93		
20	256QAM	50	0	19.75	19.88	19.85	19.76	19.92		
20	256QAM	50	24	19.76	19.88	19.96	19.85	19.87	21	5
20	256QAM	50	50	19.84	19.72	19.90	19.92	19.92		
20	256QAM	100	0	19.82	19.98	19.86	19.98	19.91		
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	24.81	24.76	24.80	24.59	24.39		
15	QPSK	1	37	24.58	24.71	24.77	24.43	24.68	26	0
15	QPSK	1	74	24.45	24.73	24.56	24.44	24.64		
15	QPSK	36	0	23.71	23.65	23.78	23.64	23.77		
15	QPSK	36	20	23.66	23.72	23.68	23.64	23.53	25	1
15	QPSK	36	39	23.61	23.72	23.71	23.61	23.61		
15	QPSK	75	0	23.57	23.76	23.71	23.72	23.67		
15	16QAM	1	0	23.65	23.85	23.80	23.64	23.70		
15	16QAM	1	37	23.74	23.67	23.86	23.75	23.83	25	1
15	16QAM	1	74	23.76	23.92	23.67	23.73	23.80		
15	16QAM	36	0	22.70	22.69	22.79	22.72	22.88		
15	16QAM	36	20	22.75	22.91	22.69	22.85	22.85	24	2
15	16QAM	36	39	22.87	22.75	22.74	22.77	22.65		
15	16QAM	75	0	22.78	22.81	22.76	22.84	22.83		
15	64QAM	1	0	22.69	22.69	22.70	22.67	22.59		
15	64QAM	1	37	22.70	22.69	22.68	22.78	22.65	24	2
15	64QAM	1	74	22.61	22.63	22.59	22.55	22.67		
15	64QAM	36	0	21.75	21.86	21.78	21.78	21.94		
15	64QAM	36	20	21.82	21.75	21.71	21.69	21.80	23	3
15	64QAM	36	39	21.63	21.84	21.80	21.76	21.76		
15	64QAM	75	0	21.63	21.82	21.69	21.72	21.66		
15	256QAM	1	0	19.75	19.71	19.83	19.75	19.86		
15	256QAM	1	37	19.70	19.70	19.81	19.73	19.91	21	5
15	256QAM	1	74	19.87	19.90	19.87	19.87	19.82		
15	256QAM	36	0	19.62	19.83	19.80	19.64	19.83		
15	256QAM	36	20	19.68	19.82	19.91	19.74	19.79	21	5
15	256QAM	36	39	19.81	19.62	19.83	19.83	19.85		
15	256QAM	75	0	19.69	19.90	19.80	19.86	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.77	24.78	24.84	24.59	24.37		
10	QPSK	1	25	24.59	24.63	24.73	24.44	24.77	26	0
10	QPSK	1	49	24.49	24.75	24.59	24.43	24.68		
10	QPSK	25	0	23.72	23.63	23.83	23.63	23.76		
10	QPSK	25	12	23.67	23.79	23.75	23.64	23.57	25	1
10	QPSK	25	25	23.57	23.77	23.65	23.56	23.69		
10	QPSK	50	0	23.55	23.77	23.77	23.69	23.71		
10	16QAM	1	0	23.66	23.90	23.82	23.68	23.74		
10	16QAM	1	25	23.75	23.83	23.83	23.75	23.78	25	1
10	16QAM	1	49	23.76	23.94	23.61	23.78	23.73		
10	16QAM	25	0	22.65	22.66	22.75	22.81	22.91		
10	16QAM	25	12	22.77	22.94	22.71	22.92	22.86	24	2
10	16QAM	25	25	22.82	22.72	22.73	22.70	22.70		
10	16QAM	50	0	22.81	22.86	22.70	22.79	22.83		
10	64QAM	1	0	22.66	22.73	22.68	22.73	22.56		
10	64QAM	1	25	22.73	22.70	22.62	22.70	22.70	24	2
10	64QAM	1	49	22.59	22.56	22.60	22.60	22.68		
10	64Q

GSM1900 Ant2	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	29.42	29.51	29.40	30.50	20.42	20.51	20.40	21.50
GPRS 1 Tx slot	29.41	29.45	29.39	30.50	20.41	20.45	20.39	21.50
GPRS 2 Tx slots	26.45	26.48	26.36	27.50	20.45	20.48	20.36	21.50
GPRS 3 Tx slots	24.64	24.74	24.66	25.50	20.38	20.48	20.40	21.24
GPRS 4 Tx slots	23.44	23.48	23.37	24.50	20.44	20.48	20.37	21.50
EDGE 1 Tx slot	25.78	25.85	25.76	27.00	16.78	16.85	16.76	18.00
EDGE 2 Tx slots	24.44	24.58	24.51	25.50	18.44	18.58	18.51	19.50
EDGE 3 Tx slots	21.95	21.98	21.84	23.00	17.69	17.72	17.58	18.74
EDGE 4 Tx slots	20.53	20.66	20.61	21.50	17.53	17.66	17.61	18.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			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	22.26	22.30	22.23	24.00	22.21	22.24	22.15	24.00
3GPP Rel 99	RMC 12.2Kbps	22.29	22.32	22.24	24.00	22.22	22.27	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.09	21.36	21.11	23.00	21.03	21.39	21.11	23.00
3GPP Rel 6	HSDPA Subtest-2	21.25	21.27	21.02	23.00	21.22	21.21	21.03	23.00
3GPP Rel 6	HSDPA Subtest-3	20.58	20.75	20.54	22.50	20.56	20.68	20.54	22.50
3GPP Rel 6	HSDPA Subtest-4	20.68	20.78	20.66	22.50	20.66	20.78	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.12	21.25	21.08	23.00	21.07	21.21	21.09	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.19	21.22	21.26	23.00	21.15	21.15	21.20	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.62	20.63	20.73	22.50	20.56	20.63	20.69	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.70	20.62	22.50	20.71	20.70	20.56	22.00
3GPP Rel 6	HSUPA Subtest-1	21.23	21.23	21.07	23.00	21.24	21.22	21.06	23.00
3GPP Rel 6	HSUPA Subtest-2	19.29	19.33	19.08	21.00	19.20	19.25	19.04	21.00
3GPP Rel 6	HSUPA Subtest-3	20.20	20.21	20.17	22.00	20.22	20.12	20.16	22.00
3GPP Rel 6	HSUPA Subtest-4	19.17	19.29	19.04	21.00	19.17	19.27	19.05	21.00
3GPP Rel 6	HSUPA Subtest-5	21.26	21.31	21.22	23.00	21.19	21.32	21.16	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.79	18.84	18.52	20.50	18.73	18.79	18.53	20.50

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.70	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.71	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	21.65	21.60		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	21.95	21.89	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.69	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.69	17.65	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.81	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.65	21.62		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.85	20.75	20.79		
10	16QAM	50	0	20.83	20.79	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.68	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.79	17.77	17.68	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.08	22.06	22.10	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.65	20.75	20.80		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	20.93	21.00		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.96	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.85		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.80	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.80	17.78	17.65	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18906	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	23.06	23.08	23.00		
20	QPSK	1	49	23.00	23.02	22.89	24	0
20	QPSK	1	99	23.01	23.00	22.84		
20	QPSK	50	0	22.14	22.15	22.12		
20	QPSK	50	24	22.14	22.13	22.14	23	1
20	QPSK	50	50	22.10	22.02	22.13		
20	QPSK	100	0	22.02	22.11	22.03		
20	16QAM	1	0	22.24	22.28	22.21		
20	16QAM	1	49	22.21	22.38	22.41	23	1
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22	2
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.22	21.21	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22	2
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21	3
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19	5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19	5
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95		
15	QPSK	1	37	22.95	22.92	22.82	24	0
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01		
15	QPSK	36	20	22.07	22.00	22.02	23	1
15	QPSK	36	39	21.97	21.94	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17		
15	16QAM	1	37	22.15	22.31	22.35	23	1
15	16QAM	1	74	22.10	22.25	22.16		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22	2
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	21.07	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22	2
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.01	19.91	19.95	21	3
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.05	18.14	19	5
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19	5
15	256QAM	36	39	18.04	17.95	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	22.90		
10	QPSK	1	25	22.93	22.96	22.85	24	0
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00		
10	QPSK	25	12	22.05	22.04	22.09	23	1
10	QPSK	25	25	22.05	21.91	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13		
10	16QAM	1	25	22.13	22.33	22.32	23	1
10	16QAM	1	49	22.12	22.28	22.18		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	21.00	20.87	21.02	22	2
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22	2
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21	3
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19	5
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	17.84	17.98	17.91	19	5
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88		
5	QPSK	1	12	22.91	22.97	22.80	24	0
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03		
5	QPSK	12	7	22.06	22.09	22.11	23	1
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09		
5	16QAM	1	12	22.12	22.25	22.34	23	1
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22	2
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22	2
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21	3
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19	5
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19	5
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94		
3	QPSK	1	8	22.94	22.93	22.77	24	0
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.03	22.08		
3	QPSK	8	4	22.03	22.03	22.06	23	1
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.15	22.21	22.17		
3	16QAM	1	8	22.11	22.33	22.35	23	1
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.84	21.00	22	2
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.06	21.05	22	2
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21	3
3	64QAM	8	7	20.02	20.08	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19	5
3	256QAM	1	14	18.18	17.98	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19	5
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.87	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55		
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58	24	0
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77		
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98	23	1
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22	2
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.80	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.68	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67	19	5
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19	5

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92		
20	QPSK	1	49	22.95	23.13	22.73	24	0
20	QPSK	1	99	22.94	23.04	22.91		
20	QPSK	50	0	21.89	21.97	21.92		
20	QPSK	50	24	21.83	21.76	21.95	23	1
20	QPSK	50	50	21.91	21.89	21.82		
20	QPSK	100	0	21.75	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38		
20	16QAM	1	49	22.34	22.44	22.38	23	1
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM	50	24	21.06	21.05	21.06	22	2
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0	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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.96	22.98	22.78	24	0
20	QPSK	1	49	22.79	22.90	22.60		
20	QPSK	1	99	22.95	22.82	22.63		
20	QPSK	50	0	21.79	21.94	21.81	23	1
20	QPSK	50	24	21.77	21.73	21.92		
20	QPSK	50	50	21.91	21.90	21.87		
20	QPSK	100	0	21.84	21.90	21.76		
20	16QAM	1	0	22.06	22.07	22.06	23	1
20	16QAM	1	49	22.04	22.15	22.07		
20	16QAM	1	99	22.16	22.12	22.18		
20	16QAM	50	0	21.02	20.91	20.98	22	2
20	16QAM	50	24	20.87	20.80	20.84		
20	16QAM	50	50	21.02	20.87	20.95		
20	16QAM	100	0	20.89	20.88	20.88		
20	64QAM	1	0	20.94	21.04	20.95	22	2
20	64QAM	1	49	20.91	21.13	21.11		
20	64QAM	1	99	21.03	20.92	20.99		
20	64QAM	50	0	20.00	19.91	19.88	21	3
20	64QAM	50	24	19.85	19.88	19.81		
20	64QAM	50	50	20.03	20.04	19.82		
20	64QAM	100	0	19.88	19.89	19.84		
20	256QAM	1	0	17.99	17.93	17.83	19	5
20	256QAM	1	49	17.90	17.98	18.03		
20	256QAM	1	99	17.92	17.92	17.94		
20	256QAM	50	0	17.93	17.88	17.92	19	5
20	256QAM	50	24	17.95	17.90	18.00		
20	256QAM	50	50	17.84	18.00	17.75		
20	256QAM	100	0	17.89	17.89	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.92	22.86	22.69	24	0
15	QPSK	1	37	22.72	22.86	22.56		
15	QPSK	1	74	22.90	22.73	22.57		
15	QPSK	36	0	21.69	21.88	21.70	23	1
15	QPSK	36	20	21.69	21.86	21.80		
15	QPSK	36	39	21.84	21.83	21.76		
15	QPSK	75	0	21.75	21.83	21.67		
15	16QAM	1	0	21.98	22.02	22.00	23	1
15	16QAM	1	37	21.92	22.08	21.99		
15	16QAM	1	74	22.05	22.09	22.13		
15	16QAM	36	0	20.96	20.86	20.89	22	2
15	16QAM	36	20	20.81	20.74	20.73		
15	16QAM	36	39	20.99	20.81	20.85		
15	16QAM	75	0	20.79	20.78	20.75		
15	64QAM	1	0	20.89	20.92	20.91	22	2
15	64QAM	1	37	20.86	21.07	21.07		
15	64QAM	1	74	20.95	20.81	20.93		
15	64QAM	36	0	19.88	19.85	19.82	21	3
15	64QAM	36	20	19.80	19.85	19.78		
15	64QAM	36	39	19.93	20.01	19.75		
15	64QAM	75	0	19.85	19.81	19.80		
15	256QAM	1	0	17.86	17.84	17.77	19	5
15	256QAM	1	37	17.84	17.94	17.96		
15	256QAM	1	74	17.86	17.82	17.91		
15	256QAM	36	0	17.86	17.77	17.81	19	5
15	256QAM	36	20	17.88	17.77	17.96		
15	256QAM	36	39	17.78	17.96	17.65		
15	256QAM	75	0	17.77	17.77	17.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.86	22.66	24	0
10	QPSK	1	25	22.72	22.83	22.49		
10	QPSK	1	49	22.88	22.70	22.57		
10	QPSK	25	0	21.70	21.89	21.75	23	1
10	QPSK	25	12	21.66	21.64	21.81		
10	QPSK	25	25	21.83	21.85	21.82		
10	QPSK	50	0	21.77	21.81	21.70		
10	16QAM	1	0	22.00	21.97	22.03	23	1
10	16QAM	1	25	21.91	22.04	22.01		
10	16QAM	1	49	22.07	21.99	22.06		
10	16QAM	25	0	20.91	20.80	20.93	22	2
10	16QAM	25	12	20.80	20.77	20.74		
10	16QAM	25	25	20.92	20.82	20.85		
10	16QAM	50	0	20.81	20.84	20.80		
10	64QAM	1	0	20.85	21.00	20.83	22	2
10	64QAM	1	25	20.81	21.09	21.02		
10	64QAM	1	49	20.93	20.82	20.90		
10	64QAM	25	0	19.96	19.78	19.82	21	3
10	64QAM	25	12	19.72	19.84	19.77		
10	64QAM	25	25	19.91	19.99	19.78		
10	64QAM	50	0	19.81	19.85	19.72		
10	256QAM	1	0	17.96	17.87	17.73	19	5
10	256QAM	1	25	17.86	17.86	17.99		
10	256QAM	1	49	17.85	17.81	17.89		
10	256QAM	25	0	17.82	17.79	17.82	19	5
10	256QAM	25	12	17.90	17.77	17.97		
10	256QAM	25	25	17.76	17.94	17.70		
10	256QAM	50	0	17.77	17.78	17.87		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.97	22.97	22.94	24	0
5	QPSK	1	12	22.90	22.91	22.83		
5	QPSK	1	24	22.95	22.91	22.73		
5	QPSK	12	0	22.08	22.11	22.05	23	1
5	QPSK	12	7	22.10	22.02	22.02		
5	QPSK	12	13	21.98	21.91	22.02		
5	QPSK	25	0	21.99	22.02	21.90		
5	16QAM	1	0	22.18	22.21	22.11	23	1
5	16QAM	1	12	22.14	22.32	22.32		
5	16QAM	1	24	22.08	22.23	22.18		
5	16QAM	12	0	21.12	20.94	20.94	22	2
5	16QAM	12	7	21.02	20.83	21.01		
5	16QAM	12	13	20.90	20.96	20.98		
5	16QAM	25	0	21.05	21.05	21.00		
5	64QAM	1	0	21.12	21.09	21.11	22	2
5	64QAM	1	12	21.16	21.07	21.07		
5	64QAM	1	24	21.16	21.20	21.15		
5	64QAM	12	0	20.11	20.07	20.14	21	3
5	64QAM	12	7	20.01	19.88	19.97		
5	64QAM	12	13	20.05	20.17	20.07		
5	64QAM	25	0	20.08	20.01	20.18		
5	256QAM	1	0	18.13	18.10	18.16	19	5
5	256QAM	1	12	17.99	18.09	18.13		
5	256QAM	1	24	18.25	18.06	18.13		
5	256QAM	12	0	18.05	17.96	17.88	19	5
5	256QAM	12	7	17.85	17.96	17.91		
5	256QAM	12	13	18.02	17.93	17.96		
5	256QAM	25	0	17.92	18.06	18.16		
Channel				26025	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.95	22.96	22.97	24	0
3	QPSK	1	8	22.89	22.97	22.86		
3	QPSK	1	14	22.94	22.92	22.76		
3	QPSK	8	0	22.04	22.08	22.03	23	1
3	QPSK	8	4	22.09	22.02	22.08		
3	QPSK	8	7	22.00	21.89	22.07		
3	QPSK	15	0	21.98	22.05	21.98		
3	16QAM	1	0	22.11	22.16	22.09	23	1
3	16QAM	1	8	22.14	22.30	22.36		
3	16QAM	1	14	22.13	22.25	22.21		
3	16QAM	8	0	21.10	20.94	20.98	22	2
3	16QAM	8	4	20.99	20.85	20.94		
3	16QAM	8	7	20.89	20.93	21.01		
3	16QAM	15	0	21.06	21.01	21.05		
3	64QAM	1	0	21.19	21.10	21.10	22	2
3	64QAM	1	8	21.16	21.06	21.01		
3	64QAM	1	14	21.20	21.14	21.12		
3	64QAM	8	0	20.09	20.00	20.14	21	3
3	64QAM	8	4	20.05	19.93	19.92		
3	64QAM	8	7	20.04	20.09	20.08		
3	64QAM	15	0	20.11	19.97	20.11		
3	256QAM	1	0	18.12	18.12	18.20	19	5
3	256QAM	1	8	17.96	18.12	18.11		
3	256QAM	1	14	18.16	17.99	18.13		
3	256QAM	8	0	18.05	17.99	17.89	19	5
3	256QAM	8	4	17.88	18.01	17.94		
3	256QAM	8	7	18.04	17.92	18.00		
3	256QAM	15	0	17.95	18.06	18.08		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.17	23.01	24	0
20	QPSK	1	49	22.95	22.99	22.88		
20	QPSK	1	99	22.87	22.81	23.00		
20	QPSK	50	0	21.89	21.94	21.79	23	1
20	QPSK	50	24	21.79	21.92	21.92		
20	QPSK	50	50	21.73	21.86	21.81		
20	QPSK	100	0	21.78	21.86	21.82		
20	16QAM	1	0	22.30	22.28	22.18	23	1
20	16QAM	1	49	22.27	22.15	22.25		
20	16QAM	1	99	22.23	22.19	22.37		
20	16QAM	50	0	20.95	20.94	20.96	22	2
20	16QAM	50	24	21.06	20.90	20.87		
20	16QAM	50	50	20.96	20.88	21.01		
20	16QAM	100	0	20.86	20.95	20.86		
20	64QAM	1	0	21.18	21.15	21.14	22	2
20	64QAM	1	49	21.25	21.05	21.05		
20	64QAM	1	99	21.24	21.13	21.20		
20	64QAM	50	0	20.02	19.92	19.95	21	3
20	64QAM	50	24	19.97	19.98	19.81		
20	64QAM	50	50	19.81	20.01	20.01		
20	64QAM	100	0	19.97	19.93	19.99		
20	256QAM	1	0	18.22	18.09	18.04	19	5
20	256QAM	1	49	18.18	18.00	18.04		
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84	19	5
20	256QAM	50	24	17.85	17.88	17.81		
20	256QAM	50	50	17.78	17.97	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.92	22.94	22.73	24	0
15	QPSK	1	37	22.68	22.79	22.47		
15	QPSK	1	74	22.86	22.75	22.55		
15	QPSK	36	0	21.74	21.86	21.69	23	1
15	QPSK	36	20	21.69	21.65	21.81		
15	QPSK	36	39	21.81	21.86	21.80		
15	QPSK	75	0	21.72	21.81	21.68		
15	16QAM	1	0	21.99	22.00	22.02	23	1
15	16QAM	1	37	21.91	22.06	21.97		
15	16QAM	1	74	22.05	22.06	22.11		
15	16QAM	36	0	20.94	20.86	20.93	22	2
15	16QAM	36	20	20.76	20.72	20.74		
15	16QAM	36	39	20.98	20.77	20.84		
15	16QAM	75	0	20.78	20.78	20.84		
15	64QAM	1	0	20.84	20.92	20.90	22	2
15	64QAM	1	37	20.79	21.05	21.05		
15	64QAM	1	74	20.98	20.84	20.92		
15	64QAM	36	0	19.95	19.79	19.78	21	3
15	64QAM	36	20	19.78	19.78	19.77		
15	64QAM	36	39	19.96	19.92	19.79		
15	64QAM	75	0	19.83	19.81	19.80		
15	256QAM	1	0	17.93	17.87	17.77	19	5
15	256QAM	1	37	17.78	17.87	17.92		
15	256QAM	1	74	17.87	17.83	17.87		
15	256QAM	36	0	17.81	17.76	17.82	19	5
15	256QAM	36	20	17.86	17.78	17.91		
15	256QAM	36	39	17.74	17.87	17.89		
15	256QAM	75	0	17.84	17.86	17.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.89	22.93	22.73	24	0
10	QPSK	1	25	22.66	22.81	22.56		
10	QPSK	1	49	22.83	22.74	22.56		
10	QPSK	25	0	21.74	21.91	21.77	23	1
10	QPSK	25	12	21.69	21.66	21.86		
10	QPSK	25	25	21.78	21.86	21.83		
10	QPSK	50	0	21.74	21.86	21.63		
10	16QAM	1	0	22.02	21.99	21.97	23	1
10	16QAM	1	25	22.00	22.09	21.97		
10	16QAM	1	49	22.06	22.01	22.13		
10	16QAM	25	0	20.95	20.84	20.86	22	2
10	16QAM	25	12	20.81	20.72	20.76		
10	16QAM	25	25	20.99	20.76	20.86		
10	16QAM	50	0	20.81	20.78	20.80		
10	64QAM	1	0	20.83	20.93	20.87	22	2
10	64QAM	1	25	20.83	21.01	21.01		
10	64QAM	1	49	20.92	20.79	20.95		
10	64QAM	25	0	19.97	19.80	19.82	21	3
10	64QAM	25	12	19.76	19.76	19.78		
10	64QAM	25	25	19.95	19.98	19.76		
10	64QAM	50	0	19.84	19.84	19.79		
10	256QAM	1	0	17.93	17.83	17.79	19	5
10	256QAM	1	25	17.87	17.88	17.91		
10	256QAM	1	49	17.84	17.83	17.87		
10	256QAM	25	0	17.88	17.80	17.83	19	5
10	256QAM	25	12	17.84	17.85	17.96		
10	256QAM	25	25	17.80	17.92	17.64		
10	256QAM	50	0	17.84	17.82	17.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.88	22.93	22.68	24	0
5	QPSK	1	12	22.75	22.83	22.55		
5	QPSK	1	24	22.87	22.79	22.57		
5	QPSK	12	0	21.74	21.89	21.74	23	1
5	QPSK	12	7	21.66	21.86	21.87		
5	QPSK	12	13	21.88	21.80	21.77		
5	QPSK	25	0	21.81	21.84	21.72		
5	16QAM	1	0	21.96	22.02	21.95	23	1
5	16QAM	1	12	21.97	22.02	21.97		
5	16QAM	1	24	22.12	22.06	22.07		
5	16QAM	12	0	20.91	20.80	20.91	22	2
5	16QAM	12	7	20.78	20.76	20.72		
5	16QAM	12	13	20.93	20.78	20.82		
5	16QAM	25	0	20.81	20.84	20.77		
5	64QAM	1	0	20.82	20.93	20.87	22	2
5	64QAM	1	12	20.86	21.06	21.04		
5	64QAM	1	24	20.97	20.87	20.91		
5	64QAM	12	0	19.94	19.79	19.79	21	3
5	64QAM	12	7	19.75	19.79	19.74		
5	64QAM	12	13	19.98	19.94	19.75		
5	64QAM	25	0	19.80	19.83	19.80		
5	256QAM	1	0	17.90	17.88	17.76	19	5
5	256QAM	1	12	17.80	17.86	17.99		
5	256QAM	1	24	17.85	17.83	17.89		
5	256QAM	12	0	17.82	17.80	17.89	19	5
5	256QAM	12	7	17.85	17.80	17.95		
5	256QAM	12	13	17.74	17.95	17.71		
5	256QAM	25	0	17.77	17.85	17.87		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.92	22.94	22.69	24	0
3	QPSK	1	8	22.69	22.85	22.53		
3	QPSK	1	14	22.92	22.73	22.50		
3	QPSK	8	0	21.71	21.90	21.75	23	1
3	QPSK	8	4	21.73	21.69	21.88		
3	QPSK	8	7	21.86	21.78	21.78		
3	QPSK	15	0	21.74	21.86	21.71		
3	16QAM	1	0	21.95	22.00	22.01	23	1
3	16QAM	1	8	21.93	22.06	22.03		
3	16QAM	1	14	22.04	22.05	22.14		
3	16QAM	8	0	20.90	20.82	20.88	22	2
3	16QAM	8	4	20.79	20.76	20.79		
3	16QAM	8	7	20.97	20.77	20.83		
3	16QAM	15	0	20.82	20.82	20.83		
3	64QAM	1	0	20.85	20.96	20.86	22	2
3	64QAM	1	8	20.84	21.10	21.06		
3	64QAM	1	14	20.92	20.89	20.95		
3	64QAM	8	0	19.88	19.83	19.78	21	3
3	64QAM	8	4	19.76	19.76	19.70		
3	64QAM	8	7	19.96	19.93	19.71		
3	64QAM	15	0	19.77	19.78	19.73		
3	256QAM	1	0	17.89	17.82	17.77	19	5
3	256QAM	1	8	17.82	17.94	18.00		
3	256QAM	1	14	17.89	17.83	17.84		
3	256QAM	8	0	17.82	17.85	17.84	19	5
3	256QAM	8	4	17.88	17.85	17.92		
3	256QAM	8	7	17.72	17.96	17.68		
3	256QAM	15	0	17.81	17.79	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.95	23.00	22.88	24	0
20	QPSK	1	49	22.75	22.82	22.86		
20	QPSK	1	99	22.80	22.81	22.84		
20	QPSK	50	0	22.00	22.05	21.83	23	1
20	QPSK	50	24	22.00	21.86	21.99		
20	QPSK	50	50	21.86	21.91	22.03		
20	QPSK	100	0	21.92	22.02	21.76		
20	16QAM	1	0	22.00	22.07	22.05	23	1
20	16QAM	1	49	22.16	22.20	22.17		
20	16QAM	1	99	22.20	22.08	22.13		
20	16QAM	50	0	21.13	21.09	21.18	22	2
20	16QAM	50	24	21.04	21.13	21.17		
20	16QAM	50	50	21.03	21.08	21.07		
20	16QAM	100	0	20.99	21.05	21.12		
20	64QAM	1	0	20.69	20.75	20.64	22	2
20	64QAM	1	49	20.73	20.67	20.76		
20	64QAM	1	99	20.86	20.81	20.75		
20	64QAM	50	0	20.11	20.14	20.07	21	3
20	64QAM	50	24	20.09	20.08	20.09		
20	64QAM	50	50	20.08	20.17	20.25		
20	64QAM	100	0	20.14	20.03	20.14		
20	256QAM	1	0	18.06	17.94	17.92	19	5
20	256QAM	1	49	18.07	17.89	17.97		
20	256QAM	1	99	17.84	17.99	17.83		
20	256QAM	50	0	18.20	18.13	18.13	19	5
20	256QAM	50	24	18.00	18.06	18.24		
20	256QAM	50	50	18.13	18.23	18.20		
20	256QAM	100	0	18.12	18.02	18.07		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.88	22.75	24	0
15	QPSK	1	37	22.69	22.87	22.56		
15	QPSK	1	74	22.84	22.72	22.58		
15	QPSK	36	0	21.67	21.84	21.69	23	1
15	QPSK	36	20	21.64	21.62	21.81		
15	QPSK	36	39	21.84	21.83	21.81		
15	QPSK	75	0	21.72	21.85	21.70		
15	16QAM	1	0	22.00	22.00	22.01	23	1
15	16QAM	1	37	21.95	22.07	21.98		
15	16QAM	1	74	22.13	22.02	22.12		
15	16QAM	36	0	20.90	20.85	20.92	22	2
15	16QAM	36	20	20.77	20.70	20.78		
15	16QAM	36	39	20.97	20.81	20.86		
15	16QAM	75	0	20.85	20.76	20.76		
15	64QAM	1	0	20.84	20.95	20.88	22	2
15	64QAM	1	37	20.82	21.06	21.07		
15	64QAM	1	74	20.90	20.80	20.87		
15	64QAM	36	0	19.93	19.80	19.80	21	3
15	64QAM	36	20	19.80	19.77	19.70		
15	64QAM	36	39	19.98	19.96	19.78		
15	64QAM	75	0	19.85	19.80	19.76		
15	256QAM	1	0	17.96	17.84	17.75	19	5
15	256QAM	1	37	17.85	17.89	17.97		
15	256QAM	1	74	17.79	17.84	17.89		
15	256QAM	36	0	17.88	17.82	17.86	19	5
15	256QAM	36	20	17.84	17.82	17.90		
15	256QAM	36	39	17.74	17.92	17.69		
15	256QAM	75	0	17.77	17.78	17.86		
Channel				37600	38000	38400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.87	22.86	22.65	24	0
10	QPSK	1	25	22.76	22.83	22.55		
10	QPSK	1	49	22.91	22.78	22.52		
10	QPSK	25	0	21.72	21.81	21.76	23	1
10	QPSK	25	12	21.71	21.61	21.83		
10	QPSK	25	25	21.85	21.85	21.82		
10	QPSK	50	0	21.79	21.82	21.65		
10	16QAM	1	0	22.01	21.98	21.97	23	1
10	16QAM	1	25	21.97	22.11	22.04		
10	16QAM	1	49	22.05	22.01	22.12		
10	16QAM	25	0	20.91	20.86	20.88	22	2
10	16QAM	25	12	20.77	20.73	20.78		
10	16QAM	25	25	20.95	20.78	20.82		
10	16QAM	50	0	20.82	20.78	20.85		
10	64QAM	1	0	20.87	20.97	20.82	22	2
10	64QAM	1	25	20.83	21.04	21.03		
10	64QAM	1	49	20.93	20.88	20.90		
10	64QAM	25	0	19.93	19.82	19.80	21	3
10	64QAM	25	12	19.74	19.78	19.76		
10	64QAM	25	25	19.97	19.93	19.78		
10	64QAM	50	0	19.77	19.84	19.78		
10	256QAM	1	0	17.91	17.85	17.75	19	5
10	256QAM	1	25	17.83	17.91	17.99		
10	256QAM	1	49	17.89	17.81	17.89		
10	256QAM	25	0	17.90	17.80	17.79	19	5
10	256QAM	25	12	17.83	17.83	17.96		
10	256QAM	25	25	17.75	17.93	17.69		
10	256QAM	50	0	17.80	17.81	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	22.93	22.92	22.65	24	0
5	QPSK	1	12	22.73	22.78	22.52		
5	QPSK	1	24	22.85	22.69	22.58		
5	QPSK	12	0	21.67	21.89	21.70	23	1
5	QPSK	12	7	21.73	21.61	21.86		
5	QPSK	12	13	21.78	21.81	21.76		
5	QPSK	25	0	21.79	21.82	21.70		
5	16QAM	1	0	22.00	21.94	22.01	23	1
5	16QAM	1	12	21.92	22.04	22.03		
5	16QAM	1	24	22.08	22.01	22.08		
5	16QAM	12	0	20.97	20.79	20.88	22	2
5	16QAM	12	7	20.77	20.71	20.72		
5	16QAM	12	13	20.93	20.77	20.86		
5	16QAM	25	0	20.84	20.82	20.76		
5	64QAM	1	0	20.87	20.91	20.85	22	2
5	64QAM	1	12	20.86	21.03	21.06		
5	64QAM	1	24	20.98	20.86	20.87		
5	64QAM	12	0	19.88	19.84	19.79	21	3
5	64QAM	12	7	19.80	19.77	19.68		
5	64QAM	12	13	19.97	19.94	19.71		
5	64QAM	25	0	19.82	19.83	19.72		
5	256QAM	1	0	17.95	17.84	17.70	19	5
5	256QAM	1	12	17.81	17.90	17.97		
5	256QAM	1	24	17.81	17.88	17.90		
5	256QAM	12	0	17.83	17.78	17.80	19	5
5	256QAM	12	7	17.86	17.84	17.96		
5	256QAM	12	13	17.74	17.90	17.63		
5	256QAM	25	0	17.79	17.80	17.86		

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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	23.01	22.97	23.05	22.88	22.79	24	0
20	QPSK	1	49	22.81	22.88	22.95	22.82	22.98		
20	QPSK	1	99	22.92	22.98	22.80	22.82	22.80		
20	QPSK	50	0	21.97	21.93	22.09	21.89	22.02	23	1
20	QPSK	50	24	22.01	21.94	22.03	21.87	22.06		
20	QPSK	50	50	21.87	22.08	21.96	21.86	22.05		
20	QPSK	100	0	21.98	21.93	22.00	21.83	21.80		
20	16QAM	1	0	22.05	21.98	22.10	22.09	22.22	23	1
20	16QAM	1	49	22.08	22.09	22.16	22.18	22.17		
20	16QAM	1	99	22.02	22.16	22.18	22.21	22.21		
20	16QAM	50	0	21.20	21.17	21.11	21.23	21.08	22	2
20	16QAM	50	24	21.24	21.20	21.11	21.10	21.22		
20	16QAM	50	50	21.01	21.21	21.06	21.03	20.99		
20	16QAM	100	0	21.17	21.10	21.06	21.14	21.19		
20	64QAM	1	0	20.71	20.87	20.79	20.90	20.89	22	2
20	64QAM	1	49	20.83	20.70	20.85	20.75	20.76		
20	64QAM	1	99	20.78	20.80	20.90	20.68	20.75		
20	64QAM	50	0	19.99	20.20	20.11	20.08	20.01	21	3
20	64QAM	50	24	20.13	20.16	20.17	20.02	20.08		
20	64QAM	50	50	20.07	20.05	20.13	20.05	20.00		
20	64QAM	100	0	20.01	19.98	20.02	20.02	20.15		
20	256QAM	1	0	17.92	17.97	17.94	18.05	17.91	19	5
20	256QAM	1	49	17.84	17.97	18.00	17.92	17.85		
20	256QAM	1	99	17.87	18.03	17.90	18.03	17.90		
20	256QAM	50	0	18.25	18.06	18.13	18.25	18.16	19	5
20	256QAM	50	24	18.06	18.14	18.15	18.20	18.22		
20	256QAM	50	50	18.12	18.24	18.21	18.24	18.15		
20	256QAM	100	0	17.96	17.98	18.03	17.98	17.96		
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	22.91	22.90	22.93	22.78	22.72	24	0
15	QPSK	1	37	22.78	22.82	22.90	22.71	22.90		
15	QPSK	1	74	22.84	22.94	22.68	22.78	22.76		
15	QPSK	36	0	21.85	21.81	22.05	21.85	21.94	23	1
15	QPSK	36	20	21.98	21.91	21.94	21.76	22.03		
15	QPSK	36	39	21.78	22.03	21.91	21.79	21.99		
15	QPSK	75	0	21.94	21.88	21.93	21.78	21.70		
15	16QAM	1	0	22.02	21.87	22.02	22.04	22.10	23	1
15	16QAM	1	37	21.99	22.02	22.09	22.09	22.13		
15	16QAM	1	74	21.91	22.11	22.14	22.10	22.15		
15	16QAM	36	0	21.09	21.07	21.04	21.11	20.98	22	2
15	16QAM	36	20	21.16	21.07	21.04	20.97	21.15		
15	16QAM	36	39	20.96	21.09	20.96	20.93	20.91		
15	16QAM	75	0	21.09	20.97	20.96	21.01	21.08		
15	64QAM	1	0	20.61	20.78	20.73	20.79	20.81	22	2
15	64QAM	1	37	20.76	20.57	20.75	20.69	20.72		
15	64QAM	1	74	20.75	20.69	20.77	20.64	20.71		
15	64QAM	36	0	19.88	20.11	20.04	19.98	19.89	21	3
15	64QAM	36	20	20.02	20.12	20.10	19.90	19.96		
15	64QAM	36	39	20.01	19.93	20.07	19.96	19.93		
15	64QAM	75	0	19.89	19.94	19.96	19.90	20.06		
15	256QAM	1	0	17.80	17.87	17.91	18.01	17.86	19	5
15	256QAM	1	37	17.75	17.87	17.91	17.85	17.77		
15	256QAM	1	74	17.76	17.98	17.79	17.90	17.78		
15	256QAM	36	0	18.16	17.93	18.02	18.13	18.12	19	5
15	256QAM	36	20	17.94	18.09	18.04	18.13	18.10		
15	256QAM	36	39	17.99	18.19	18.17	18.14	18.11		
15	256QAM	75	0	17.88	17.94	18.00	17.86	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	22.94	23.00	22.78	22.75	24	0
10	QPSK	1	25	22.68	22.77	22.86	22.78	22.93		
10	QPSK	1	49	22.82	22.93	22.74	22.71	22.68		
10	QPSK	25	0	21.88	21.88	22.03	21.79	21.91	23	1
10	QPSK	25	12	21.97	21.91	21.99	21.79	21.99		
10	QPSK	25	25	21.76	22.01	21.87	21.79	21.97		
10	QPSK	50	0	21.92	21.83	21.93	21.77	21.69		
10	16QAM	1	0	22.00	21.94	21.98	22.03	22.17	23	1
10	16QAM	1	25	21.97	22.03	22.05	22.09	22.11		
10	16QAM	1	49	21.97	22.12	22.08	22.15	22.09		
10	16QAM	25	0	21.13	21.13	21.05	21.13	21.02	22	2
10	16QAM	25	12	21.16	21.15	21.00	21.00	21.15		
10	16QAM	25	25	20.92	21.13	20.94	20.92	20.86		
10	16QAM	50	0	21.10	21.02	20.98	21.01	21.13		
10	64QAM	1	0	20.59	20.75	20.74	20.64	20.79	22	2
10	64QAM	1	25	20.79	20.61	20.80	20.63	20.66		
10	64QAM	1	49	20.66	20.71	20.80	20.60	20.71		
10	64QAM	25	0	19.90	20.13	19.99	20.02	19.91	21	3
10	64QAM	25	12	20.04	20.04	20.07	19.91	19.97		
10	64QAM	25	25	20.01	19.98	20.03	20.01	19.90		
10	64QAM	50	0	19.97	19.87	19.96	19.96	20.03		
10	256QAM	1	0	17.88	17.86	17.91	18.01	17.79	19	5
10	256QAM	1	25	17.78	17.90	17.92	17.83	17.81		
10	256QAM	1	49	17.81	17.96	17.78	17.91	17.79		
10	256QAM	25	0	18.17	17.93	18.03	18.19	18.11	19	5
10	256QAM	25	12	17.97	18.01	18.04	18.09	18.18		
10	256QAM	25	25	18.07	18.11	18.10	18.16	18.04		
10	256QAM	50	0	17.92	17.90	17.92	17.90	17.83		
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	22.96	22.86	22.98	22.82	22.72	24	0
5	QPSK	1	12	22.77	22.85	22.82	22.71	22.88		
5	QPSK	1	24	22.83	22.90	22.69	22.73	22.72		
5	QPSK	12	0	21.86	21.85	21.96	21.86	21.93	23	1
5	QPSK	12	7	21.90	21.84	21.98	21.76	21.98		
5	QPSK	12	13	21.81	22.01	21.84	21.80	22.00		
5	QPSK	25	0	21.91	21.83	21.91	21.76	21.73		
5	16QAM	1	0	21.97	21.87	22.07	22.04	22.11	23	1
5	16QAM	1	12	21.99	22.04	22.08	22.07	22.04		
5	16QAM	1	24	22.03	22.10	22.05	22.10	22.15		
5	16QAM	12	0	21.14	21.05	21.07	21.11	20.96	22	2
5	16QAM	12	7	21.13	21.09	21.07	21.01	21.14		
5	16QAM	12	13	20.94	21.14	21.03	20.94	20.90		
5	16QAM	25	0	21.09	21.01	20.96	21.08	21.07		
5	64QAM	1	0	20.67	20.84	20.76	20.82	20.84	22	2
5	64QAM	1	12	20.76	20.63	20.74	20.66	20.66		
5	64QAM	1	24	20.74	20.73	20.77	20.57	20.65		
5	64QAM	12	0	19.92	20.11	20.04	19.96	19.90	21	3
5	64QAM	12	7	20.04	20.09	20.06	19.98	20.04		
5	64QAM	12	13	19.90	19.98	20.07	19.98	19.87		
5	64QAM	25	0	19.97	19.91	19.97	19.96	20.06		
5	256QAM	1	0	17.83	17.91	17.85	17.92	17.80	19	5
5	256QAM	1	12	17.72	17.93	17.90	17.82	17.77		
5	256QAM	1	24	17.82	17.94	17.80	17.99	17.86		
5	256QAM	12	0	18.22	17.98	18.04	18.16	18.07	19	5
5	256QAM	12	7	17.95	18.02	18.06	18.08	18.16		
5	256QAM	12	13	18.05	18.15	18.16	18.21	18.06		
5	256QAM	25	0	17.89	17.93	17.94	17.90	17.89		

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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	26.06	26.01	26.11	25.88	25.79	27	0
20	QPSK	1	49	25.81	26.04	26.09	25.73	25.86		
20	QPSK	1	99	25.91	25.94	25.99	25.85	25.94		
20	QPSK	50	0	25.03	24.91	25.07	25.04	25.02	26	1
20	QPSK	50	24	24.97	24.92	25.01	25.01	24.81		
20	QPSK	50	50	24.91	24.93	24.93	24.94	25.06		
20	QPSK	100	0	25.00	24.96	25.01	24.96	24.91		
20	16QAM	1	0	25.21	25.33	25.33	25.30	25.33	26	1
20	16QAM	1	49	25.29	25.23	25.35	25.46	25.40		
20	16QAM	1	99	25.29	25.30	25.36	25.41	25.33		
20	16QAM	50	0	24.17	24.15	24.08	23.98	24.02	25	2
20	16QAM	50	24	23.96	24.06	24.00	24.11	24.20		
20	16QAM	50	50	24.19	24.11	24.20	24.09	24.03		
20	16QAM	100	0	24.04	23.96	24.04	24.04	24.10		
20	64QAM	1	0	23.99	24.02	24.07	24.20	24.00	25	2
20	64QAM	1	49	24.17	24.18	24.20	24.19	24.10		
20	64QAM	1	99	24.00	24.10	24.06	24.12	23.95		
20	64QAM	50	0	23.03	23.05	23.12	23.21	23.19	24	3
20	64QAM	50	24	23.19	23.01	23.17	23.16	23.23		
20	64QAM	50	50	23.18	23.07	23.03	22.99	23.13		
20	64QAM	100	0	22.99	22.97	23.05	22.93	22.95		
20	256QAM	1	0	21.13	20.98	21.11	21.07	21.05	22	5
20	256QAM	1	49	21.13	21.00	21.09	21.20	21.08		
20	256QAM	1	99	21.11	21.09	21.13	21.16	21.04		
20	256QAM	50	0	21.21	21.24	21.14	21.25	21.08	22	5
20	256QAM	50	24	21.07	21.11	21.25	21.22	21.12		
20	256QAM	50	50	21.06	21.08	21.09	21.13	21.26		
20	256QAM	100	0	21.09	20.94	21.04	21.06	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	25.95	25.89	26.02	25.76	25.72	27	0
15	QPSK	1	37	25.71	25.97	26.05	25.69	25.79		
15	QPSK	1	74	25.86	25.84	25.92	25.78	25.85		
15	QPSK	36	0	24.91	24.80	24.98	25.00	24.92	26	1
15	QPSK	36	20	24.86	24.85	24.94	24.76	24.68		
15	QPSK	36	39	24.83	24.86	24.86	24.84	25.01		
15	QPSK	75	0	24.93	24.93	24.96	24.85	24.86		
15	16QAM	1	0	25.12	25.29	25.20	25.19	25.21	26	1
15	16QAM	1	37	25.22	25.11	25.22	25.34	25.29		
15	16QAM	1	74	25.19	25.20	25.29	25.37	25.27		
15	16QAM	36	0	24.13	24.07	24.03	23.92	23.98	25	2
15	16QAM	36	20	23.88	23.96	23.92	23.98	24.16		
15	16QAM	36	39	24.14	24.05	24.11	24.05	23.97		
15	16QAM	75	0	24.00	23.89	23.94	24.01	23.99		
15	64QAM	1	0	23.96	23.90	23.97	24.08	23.91	25	2
15	64QAM	1	37	24.12	24.08	24.16	24.10	23.97		
15	64QAM	1	74	23.95	24.04	23.94	24.04	23.86		
15	64QAM	36	0	22.96	22.96	23.00	23.16	23.10	24	3
15	64QAM	36	20	23.08	22.93	23.11	23.10	23.18		
15	64QAM	36	39	23.08	22.99	22.99	22.94	23.01		
15	64QAM	75	0	22.90	22.93	22.98	22.86	22.90		
15	256QAM	1	0	21.04	20.93	21.03	20.96	20.94	22	5
15	256QAM	1	37	21.04	20.88	21.05	21.12	20.97		
15	256QAM	1	74	20.99	21.00	21.07	21.06	20.95		
15	256QAM	36	0	21.15	21.20	21.04	21.19	21.03	22	5
15	256QAM	36	20	20.95	21.05	21.21	21.16	21.09		
15	256QAM	36	39	20.99	21.02	21.00	21.01	21.20		
15	256QAM	75	0	21.01	20.85	20.96	20.96	20.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.96	25.95	26.04	25.81	25.76	27	0
10	QPSK	1	25	25.73	25.98	26.01	25.61	25.75		
10	QPSK	1	49	25.87	25.87	25.90	25.76	25.85		
10	QPSK	25	0	24.91	24.78	24.94	24.98	24.92	26	1
10	QPSK	25	12	24.93	24.84	24.92	24.95	24.75		
10	QPSK	25	25	24.85	24.89	24.81	24.84	24.99		
10	QPSK	50	0	24.92	24.87	24.88	24.90	24.80		
10	16QAM	1	0	25.10	25.23	25.28	25.27	25.28	26	1
10	16QAM	1	25	25.26	25.13	25.30	25.34	25.36		
10	16QAM	1	49	25.23	25.22	25.32	25.33	25.21		
10	16QAM	25	0	24.07	24.04	24.05	23.90	23.99	25	2
10	16QAM	25	12	23.87	24.00	23.92	24.06	24.13		
10	16QAM	25	25	24.15	23.99	24.15	23.97	23.93		
10	16QAM	50	0	23.98	23.87	23.97	23.94	23.99		
10	64QAM	1	0	23.91	23.92	23.94	24.14	23.98	25	2
10	64QAM	1	25	24.12	24.09	24.16	24.15	23.99		
10	64QAM	1	49	23.94	23.98	23.99	24.02	23.90		
10	64Q

GSM1900 Ant9	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	29.69	29.82	29.71	30.50	20.69	20.82	20.71	21.50
GPRS 1 Tx slot	29.67	29.76	29.70	30.50	20.67	20.76	20.70	21.50
GPRS 2 Tx slots	26.74	26.77	26.63	27.50	20.74	20.77	20.63	21.50
GPRS 3 Tx slots	24.91	25.02	24.98	26.00	20.65	20.76	20.72	21.74
GPRS 4 Tx slots	23.80	23.87	23.85	25.00	20.80	20.87	20.85	22.00
EDGE 1 Tx slot	25.90	26.01	25.91	27.00	16.90	17.01	16.91	18.00
EDGE 2 Tx slots	24.68	24.74	24.63	25.50	18.68	18.74	18.63	19.50
EDGE 3 Tx slots	22.05	22.14	22.12	23.00	17.79	17.88	17.86	18.74
EDGE 4 Tx slots	20.48	20.61	20.57	21.50	17.48	17.61	17.57	18.50

Band		WCDMA II Ant9			Tune-up Limit (dBm)	WCDMA IV Ant9			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	22.18	22.24	22.15	23.00	22.23	22.29	22.25	23.00
3GPP Rel 99	RMC 12.2Kbps	22.21	22.25	22.17	23.00	22.31	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.21	21.03	22.00	21.32	21.29	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	21.11	21.14	20.97	22.00	21.25	21.23	21.01	22.00
3GPP Rel 6	HSDPA Subtest-3	20.58	20.54	20.42	21.50	20.71	20.67	20.44	21.50
3GPP Rel 6	HSDPA Subtest-4	20.50	20.53	20.53	21.50	20.58	20.61	20.66	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.02	21.14	20.98	22.00	21.07	21.26	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.04	21.19	21.22	22.00	21.10	21.33	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.65	20.54	20.52	21.50	20.75	20.67	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.60	20.61	20.72	21.50	20.65	20.71	20.75	21.50
3GPP Rel 6	HSUPA Subtest-1	21.11	21.02	21.18	22.00	21.17	21.13	21.29	22.00
3GPP Rel 6	HSUPA Subtest-2	18.96	19.13	19.00	20.00	19.05	19.16	19.09	20.00
3GPP Rel 6	HSUPA Subtest-3	20.26	20.24	19.97	21.00	20.37	20.37	20.03	21.00
3GPP Rel 6	HSUPA Subtest-4	19.19	19.17	18.99	20.00	19.32	19.26	19.09	20.00
3GPP Rel 6	HSUPA Subtest-5	21.19	21.30	20.96	22.00	21.32	21.34	20.98	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.70	18.76	18.63	19.50	18.75	18.83	18.70	19.50

Band 2 Ant9

BW [MHz]	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	22.74	22.89	22.70		
20	QPSK	1	49	22.63	22.76	22.56	24	0
20	QPSK	1	99	22.59	22.86	22.57		
20	QPSK	50	0	21.66	21.88	21.79		
20	QPSK	50	24	21.69	21.84	21.78	23	1
20	QPSK	50	50	21.74	21.77	21.69		
20	QPSK	100	0	21.67	21.82	21.76		
20	16QAM	1	0	22.00	22.04	21.95		
20	16QAM	1	49	21.93	21.93	21.95	23	1
20	16QAM	1	99	22.16	21.96	21.98		
20	16QAM	50	0	20.69	20.79	20.69		
20	16QAM	50	24	20.87	20.72	20.78	22	2
20	16QAM	50	50	20.87	20.87	20.86		
20	16QAM	100	0	20.84	20.77	20.70		
20	64QAM	1	0	20.85	20.98	20.87		
20	64QAM	1	49	21.07	21.06	20.92	22	2
20	64QAM	1	99	20.98	21.09	20.88		
20	64QAM	50	0	19.90	19.79	19.86		
20	64QAM	50	24	19.70	19.79	19.89	21	3
20	64QAM	50	50	19.92	19.69	19.72		
20	64QAM	100	0	19.85	19.80	19.87		
20	256QAM	1	0	17.78	17.87	17.84		
20	256QAM	1	49	17.89	17.83	17.82	19	5
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62		
20	256QAM	50	24	17.84	17.87	17.63	19	5
20	256QAM	50	50	17.73	17.71	17.87		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.67	22.82	22.64		
15	QPSK	1	37	22.60	22.69	22.52	24	0
15	QPSK	1	74	22.54	22.79	22.48		
15	QPSK	36	0	21.60	21.84	21.73		
15	QPSK	36	20	21.58	21.78	21.72	23	1
15	QPSK	36	39	21.62	21.64	21.61		
15	QPSK	75	0	21.62	21.69	21.67		
15	16QAM	1	0	21.90	21.92	21.84		
15	16QAM	1	37	21.89	21.85	21.86	23	1
15	16QAM	1	74	22.03	21.85	21.85		
15	16QAM	36	0	20.61	20.72	20.63		
15	16QAM	36	20	20.74	20.67	20.67	22	2
15	16QAM	36	39	20.74	20.84	20.80		
15	16QAM	75	0	20.74	20.74	20.65		
15	64QAM	1	0	20.80	20.93	20.84		
15	64QAM	1	37	21.02	20.99	20.85	22	2
15	64QAM	1	74	20.85	20.97	20.76		
15	64QAM	36	0	19.82	19.72	19.75		
15	64QAM	36	20	19.58	19.69	19.84	21	3
15	64QAM	36	39	19.86	19.59	19.65		
15	64QAM	75	0	19.81	19.68	19.75		
15	256QAM	1	0	17.67	17.82	17.81		
15	256QAM	1	37	17.83	17.79	17.74	19	5
15	256QAM	1	74	17.75	17.72	17.64		
15	256QAM	36	0	17.81	17.68	17.50		
15	256QAM	36	20	17.79	17.81	17.56	19	5
15	256QAM	36	39	17.67	17.64	17.83		
15	256QAM	75	0	17.81	17.73	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.69	22.80	22.62		
10	QPSK	1	25	22.55	22.72	22.53	24	0
10	QPSK	1	49	22.56	22.80	22.48		
10	QPSK	25	0	21.62	21.75	21.70		
10	QPSK	25	12	21.59	21.77	21.74	23	1
10	QPSK	25	25	21.61	21.70	21.65		
10	QPSK	50	0	21.64	21.75	21.71		
10	16QAM	1	0	21.96	22.00	21.92		
10	16QAM	1	25	21.81	21.82	21.91	23	1
10	16QAM	1	49	22.11	21.94	21.95		
10	16QAM	25	0	20.60	20.66	20.58		
10	16QAM	25	12	20.76	20.62	20.71	22	2
10	16QAM	25	25	20.80	20.79	20.74		
10	16QAM	50	0	20.73	20.65	20.60		
10	64QAM	1	0	20.80	20.94	20.82		
10	64QAM	1	25	20.98	21.02	20.80	22	2
10	64QAM	1	49	20.89	21.01	20.82		
10	64QAM	25	0	19.84	19.75	19.74		
10	64QAM	25	12	19.60	19.67	19.80	21	3
10	64QAM	25	25	19.88	19.63	19.65		
10	64QAM	50	0	19.76	19.71	19.82		
10	256QAM	1	0	17.73	17.78	17.80		
10	256QAM	1	25	17.83	17.77	17.78	19	5
10	256QAM	1	49	17.77	17.67	17.69		
10	256QAM	25	0	17.73	17.66	17.55		
10	256QAM	25	12	17.74	17.81	17.56	19	5
10	256QAM	25	25	17.66	17.63	17.82		
10	256QAM	50	0	17.82	17.72	17.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.61	22.76	22.58		
5	QPSK	1	12	22.50	22.66	22.48	24	0
5	QPSK	1	24	22.46	22.77	22.48		
5	QPSK	12	0	21.58	21.82	21.66		
5	QPSK	12	7	21.57	21.76	21.71	23	1
5	QPSK	12	13	21.62	21.69	21.57		
5	QPSK	25	0	21.55	21.76	21.70		
5	16QAM	1	0	21.90	21.97	21.86		
5	16QAM	1	12	21.86	21.81	21.86	23	1
5	16QAM	1	24	22.10	21.88	21.88		
5	16QAM	12	0	20.58	20.70	20.64		
5	16QAM	12	7	20.76	20.62	20.73	22	2
5	16QAM	12	13	20.81	20.76	20.81		
5	16QAM	25	0	20.77	20.64	20.58		
5	64QAM	1	0	20.74	20.87	20.78		
5	64QAM	1	12	20.95	20.97	20.83	22	2
5	64QAM	1	24	20.88	20.98	20.77		
5	64QAM	12	0	19.87	19.70	19.83		
5	64QAM	12	7	19.60	19.73	19.78	21	3
5	64QAM	12	13	19.89	19.63	19.62		
5	64QAM	25	0	19.75	19.72	19.75		
5	256QAM	1	0	17.68	17.83	17.73		
5	256QAM	1	12	17.78	17.71	17.75	19	5
5	256QAM	1	24	17.75	17.71	17.65		
5	256QAM	12	0	17.74	17.63	17.54		
5	256QAM	12	7	17.73	17.83	17.58	19	5
5	256QAM	12	13	17.67	17.63	17.74		
5	256QAM	25	0	17.79	17.73	17.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.64	22.83	22.60		
3	QPSK	1	8	22.54	22.67	22.51	24	0
3	QPSK	1	14	22.54	22.80	22.53		
3	QPSK	8	0	21.58	21.85	21.76		
3	QPSK	8	4	21.60	21.72	21.67	23	1
3	QPSK	8	7	21.69	21.71	21.62		
3	QPSK	15	0	21.59	21.71	21.63		
3	16QAM	1	0	21.91	22.01	21.89		
3	16QAM	1	8	21.81	21.89	21.87	23	1
3	16QAM	1	14	22.12	21.92	21.90		
3	16QAM	8	0	20.66	20.71	20.64		
3	16QAM	8	4	20.80	20.60	20.70	22	2
3	16QAM	8	7	20.82	20.82	20.80		
3	16QAM	15	0	20.80	20.65	20.60		
3	64QAM	1	0	20.76	20.95	20.79		
3	64QAM	1	8	20.95	21.02	20.84	22	2
3	64QAM	1	14	20.87	21.05	20.76		
3	64QAM	8	0	19.80	19.74	19.83		
3	64QAM	8	4	19.57	19.72	19.81	21	3
3	64QAM	8	7	19.67	19.62	19.66		
3	64QAM	15	0	19.77	19.71	19.79		
3	256QAM	1	0	17.74	17.83	17.77		
3	256QAM	1	8	17.85	17.80	17.73	19	5
3	256QAM	1	14	17.78	17.70	17.70		
3	256QAM	8	0	17.80	17.64	17.51		
3	256QAM	8	4	17.74	17.81	17.52	19	5
3	256QAM	8	7	17.70	17.65	17.64		
3	256QAM	15	0	17.78	17.69	17.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.71	22.83	22.57		
1.4	QPSK	1	3	22.60	22.67	22.48		
1.4	QPSK	1	5	22.48	22.76	22.50	24	0
1.4	QPSK	3	0	22.71	22.83	22.57		
1.4	QPSK	3	1	22.60	22.67	22.48		
1.4	QPSK	3	3	22.48	22.76	22.50		
1.4	QPSK	6	0	21.64	21.78	21.68	23	1
1.4	16QAM	1	0	21.91	22.01	21.84		
1.4	16QAM	1	3	21.83	21.85	21.90		
1.4	16QAM	1	5	22.06	21.89	21.87	23	1
1.4	16QAM	3	0	21.91	22.01	21.84		
1.4	16QAM	3	1	21.83	21.85	21.90		
1.4	16QAM	3	3	22.06	21.89	21.87		
1.4	16QAM	6	0	20.80	20.73	20.63	22	2
1.4	64QAM	1	0	20.75	20.88	20.79		
1.4	64QAM	1	3	21.01	21.02	20.82		
1.4	64QAM	1	5	20.95	20.96	20.80	22	2
1.4	64QAM	3	0	20.75	20.88	20.79		
1.4	64QAM	3	1	21.01	21.02	20.82		
1.4	64QAM	3	3	20.95	20.96	20.80		
1.4	64QAM	6	0	19.74	19.75	19.81	21	3
1.4	256QAM	1	0	17.72	17.77	17.74		
1.4	256QAM	1	3	17.84	17.73	17.76		
1.4	256QAM	1	5	17.78	17.72	17.64	19	5
1.4	256QAM	3	0	17.80	17.66	17.51		
1.4	256QAM	3	1	17.72	17.77	17.59		
1.4	256QAM	3	3	17.68	17.62	17.84		
1.4	256QAM	6	0	17.80	17.72	17.61	19	5

Band 4 Ant9

BW [MHz]	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	23.01	23.07	22.99		
20	QPSK	1	49	22.84	22.97	22.81	24	0
20	QPSK	1	99	22.90	22.85	22.93		
20	QPSK	50	0	22.02	22.08	22.00		
20	QPSK	50	24	21.98	21.97	21.97	23	1
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.86	22.03	21.85		
20	16QAM	1	0	22.37	22.37	22.42		
20	16QAM	1	49	22.39	22.47	22.30	23	1
20	16QAM	1	99	22.29	22.28	22.35		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22	2
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.04	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22	2
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.04	20.16	21	3
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19	5
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19	5
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.70	22.84	22.65		
15	QPSK	1	37	22.58	22.64	22.48	24	0
15	QPSK	1	74	22.50	22.80	22.54		
15	QPSK	36	0	21.59	21.77	21.74		
15	QPSK	36	20	21.61	21.76	21.67	23	1
15	QPSK	36	39	21.62	21.65	21.62		
15	QPSK	75	0	21.61	21.76	21.66		
15	16QAM	1	0	21.90	21.95	21.83		
15	16QAM	1	37	21.89	21.84	21.86	23	1
15	16QAM	1	74	22.06	21.85	21.87		
15	16QAM	36	0	20.65	20.74	20.59		
15	16QAM	36	20	20.83	20.83	20.71	22	2
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.85	20.64		
15	64QAM	1	0	20.76	20.94	20.84		
15	64QAM	1	37	20.99	20.99	20.89	22	2
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74		
15	64QAM	36	20	19.58	19.71	19.83	21	3
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77		
15	256QAM	1	37	17.80	17.76	17.77	19	5
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51		
15	256QAM	36	20	17.72	17.77	17.51	19	5
15	256QAM	36	39	17.69	17.63	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.66	22.85	22.66		
10	QPSK	1	25	22.58	22.69	22.44	24	0
10	QPSK	1	49	22.51	22.76	22.52		
10	QPSK	25	0	21.55	21.82	21.67		
10	QPSK	25	12	21.60	21.76	21.68	23	1
10	QPSK	25	25	21.66	21.69	21.59		
10	QPSK	50	0	21.64	21.69	21.68		
10	16QAM	1	0	21.92	21.93	21.83		
10	16QAM	1	25	21.85	21.83	21.88	23	1
10	16QAM	1	49	22.06	21.91	21.94		
10	16QAM	25	0	20.62	20.73	20.58		
10	16QAM	25	12	20.78	20.60	20.74	22	2
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.68	20.59		
10	64QAM	1	0	20.78	20.91	20.77		
10	64QAM	1	25	20.96	20.93	20.82	22	2
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76		
10	64QAM	25	12	19.66	19.75	19.79	21	3
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81		
10	256QAM	1	25	17.78	17.74	17.71	19	5
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55		
10	256QAM	25	12	17.78	17.76	17.59	19	5
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.84	22.58		
5	QPSK	1	12	22.59	22.71	22.49	24	0
5	QPSK	1	24	22.55	22.84	22.52		
5	QPSK	12	0	21.57	21.80	21.75		
5	QPSK	12	7	21.57	21.78	21.68	23	1
5	QPSK	12	13	21.70	21.66	21.61		
5	QPSK	25	0	21.60	21.71	21.71		
5	16QAM	1	0	21.94	21.96	21.85		
5	16QAM	1	12	21.86	21.83	21.91	23	1
5	16QAM	1	24	22.10	21.87	21.90		
5	16QAM	12	0	20.63	20.70	20.56		
5	16QAM	12	7	20.76	20.62	20.72	22	2
5	16QAM	12	13	20.80	20.75	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79		
5	64QAM	1	12	21.04	20.96	20.84	22	2
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74		
5	64QAM	12	7	19.61	19.68	19.85	21	3
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.76	19.76		
5	256QAM	1	0	17.74	17.82	17.75		
5	256QAM	1	12	17.82	17.77	17.70	19	5
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55		
5	256QAM	12	7	17.75	17.77	17.54	19	5
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.62	22.79	22.65		
3	QPSK	1	8	22.54	22.71	22.50	24	0
3	QPSK	1	14	22.52	22.79	22.48		
3	QPSK	8	0	21.60	21.82	21.71		
3	QPSK	8	4	21.56	21.71	21.68	23	1
3	QPSK	8	7	21.66	21.70	21.61		
3	QPSK	15	0	21.61	21.70	21.68		
3	16QAM	1	0	21.90	21.95	21.92		
3	16QAM	1	8	21.82	21.90	21.82	23	1
3	16QAM	1	14	22.12	21.84	21.85		
3	16QAM	8	0	20.61	20.67	20.66		
3	16QAM	8	4	20.78	20.60	20.73	22	2
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78		
3	64QAM	1	8	20.97	21.01	20.80	22	2
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75		
3	64QAM	8	4	19.61	19.71	19.83	21	3
3	64QAM	8	7	19.60	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78		
3	256QAM	1	8	17.83	17.80	17.76	19	5
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59		
3	256QAM	8	4	17.71	17.79	17.51	19	5
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.90	17.66	17.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.76	22.46		
1.4	QPSK	1	3	22.50	22.59	22.45		
1.4	QPSK	1	5	22.40	22.64	22.45	24	0
1.4	QPSK	3	0	22.60	22.75	22.53		
1.4	QPSK	3	1	22.50	22.60	22.37		
1.4	QPSK	3	3	22.38	22.70	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.87	21.88	21.79		
1.4	16QAM	1	3	21.72	21.74	21.86		
1.4	16QAM	1	5	21.96	21.81	21.78	23	1
1.4	16QAM	3	0	21.80	21.96	21.80		
1.4	16QAM	3	1	21.77	21.75	21.78		
1.4	16QAM	3	3	21.99	21.82	21.77		
1.4	16QAM	6	0	20.74	20.63	20.50	22	2
1.4	64QAM	1	0	20.62	20.85	20.72		
1.4	64QAM	1	3	20.90	20.98	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71	22	2
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.86	20.89	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21	3
1.4	256QAM	1	0	17.66	17.69	17.63		
1.4	256QAM	1	3	17.73	17.61	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53	19	5
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	19	5

Band 7 Ant9

BW [MHz]	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	23.21	23.24	23.02		
20	QPSK	1	49	23.19	23.05	22.95	24	0
20	QPSK	1	99	23.02	23.22	22.90		
20	QPSK	50	0	22.03	22.19	22.07		
20	QPSK	50	24	22.08	21.99	22.17	23	1
20	QPSK	50	50	22.07	22.09	22.15		
20	QPSK	100	0	22.06	22.14	22.12		
20	16QAM	1	0	22.53	22.48	22.36		
20	16QAM	1	49	22.54	22.41	22.58	23	1
20	16QAM	1	99	22.43	22.43	22.57		
20	16QAM	50	0	21.09	21.16	21.08		
20	16QAM	50	24	21.11	21.18	21.26	22	2
20	16QAM	50	50	21.10	21.07	21.05		
20	16QAM	100	0

Band 25 Ant9

BW [MHz]	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	22.87	22.94	22.75	24	0
20	QPSK	1	49	22.79	22.90	22.65		
20	QPSK	1	99	22.88	22.83	22.57		
20	QPSK	50	0	21.76	21.85	21.79	23	1
20	QPSK	50	24	21.75	21.66	21.83		
20	QPSK	50	50	21.82	21.80	21.76		
20	QPSK	100	0	21.64	21.81	21.68		
20	16QAM	1	0	22.13	22.08	22.14	23	1
20	16QAM	1	49	22.04	22.16	22.01		
20	16QAM	1	99	22.13	22.04	21.96		
20	16QAM	50	0	20.89	20.83	20.89	22	2
20	16QAM	50	24	20.78	20.86	20.96		
20	16QAM	50	50	20.83	20.80	20.70		
20	16QAM	100	0	20.75	20.84	20.85		
20	64QAM	1	0	21.02	20.97	21.05	22	2
20	64QAM	1	49	20.89	21.08	21.05		
20	64QAM	1	99	20.98	21.09	21.08		
20	64QAM	50	0	19.87	19.82	19.93	21	3
20	64QAM	50	24	19.80	19.87	19.90		
20	64QAM	50	50	19.78	19.91	19.76		
20	64QAM	100	0	19.79	19.85	19.95		
20	256QAM	1	0	17.69	17.78	17.71	19	5
20	256QAM	1	49	17.68	17.85	17.88		
20	256QAM	1	99	17.80	17.88	17.78		
20	256QAM	50	0	17.75	17.81	17.77	19	5
20	256QAM	50	24	17.85	17.70	17.76		
20	256QAM	50	50	17.89	17.87	17.88		
20	256QAM	100	0	17.69	17.82	17.87		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.80	22.81	22.63	24	0
15	QPSK	1	37	22.76	22.78	22.52		
15	QPSK	1	74	22.85	22.79	22.54		
15	QPSK	36	0	21.63	21.81	21.75	23	1
15	QPSK	36	20	21.64	21.60	21.77		
15	QPSK	36	39	21.72	21.69	21.72		
15	QPSK	75	0	21.60	21.76	21.65		
15	16QAM	1	0	22.04	21.98	22.04	23	1
15	16QAM	1	37	22.00	22.08	21.93		
15	16QAM	1	74	22.07	22.00	21.93		
15	16QAM	36	0	20.85	20.72	20.83	22	2
15	16QAM	36	20	20.71	20.82	20.84		
15	16QAM	36	39	20.78	20.75	20.60		
15	16QAM	75	0	20.63	20.78	20.82		
15	64QAM	1	0	20.91	20.90	20.95	22	2
15	64QAM	1	37	20.81	21.03	20.92		
15	64QAM	1	74	20.90	20.96	20.96		
15	64QAM	36	0	19.77	19.75	19.88	21	3
15	64QAM	36	20	19.73	19.79	19.78		
15	64QAM	36	39	19.70	19.87	19.65		
15	64QAM	75	0	19.67	19.73	19.91		
15	256QAM	1	0	17.62	17.72	17.59	19	5
15	256QAM	1	37	17.61	17.79	17.82		
15	256QAM	1	74	17.72	17.83	17.66		
15	256QAM	36	0	17.67	17.73	17.66	19	5
15	256QAM	36	20	17.80	17.65	17.69		
15	256QAM	36	39	17.85	17.82	17.80		
15	256QAM	75	0	17.57	17.79	17.83		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.75	22.82	22.68	24	0
10	QPSK	1	25	22.70	22.82	22.58		
10	QPSK	1	49	22.76	22.76	22.50		
10	QPSK	25	0	21.70	21.73	21.72	23	1
10	QPSK	25	12	21.63	21.61	21.79		
10	QPSK	25	25	21.77	21.68	21.70		
10	QPSK	50	0	21.59	21.78	21.58		
10	16QAM	1	0	22.05	22.01	22.11	23	1
10	16QAM	1	25	21.96	22.09	21.93		
10	16QAM	1	49	22.06	21.95	21.90		
10	16QAM	25	0	20.80	20.75	20.82	22	2
10	16QAM	25	12	20.71	20.82	20.89		
10	16QAM	25	25	20.77	20.76	20.61		
10	16QAM	50	0	20.64	20.79	20.76		
10	64QAM	1	0	20.98	20.87	20.99	22	2
10	64QAM	1	25	20.76	21.03	21.01		
10	64QAM	1	49	20.88	21.02	21.01		
10	64QAM	25	0	19.75	19.78	19.89	21	3
10	64QAM	25	12	19.73	19.80	19.80		
10	64QAM	25	25	19.66	19.78	19.64		
10	64QAM	50	0	19.68	19.73	19.92		
10	256QAM	1	0	17.60	17.72	17.60	19	5
10	256QAM	1	25	17.57	17.76	17.81		
10	256QAM	1	49	17.76	17.81	17.67		
10	256QAM	25	0	17.69	17.75	17.71	19	5
10	256QAM	25	12	17.74	17.63	17.72		
10	256QAM	25	25	17.82	17.81	17.76		
10	256QAM	50	0	17.64	17.76	17.78		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.82	22.81	22.72	24	0
5	QPSK	1	12	22.72	22.78	22.60		
5	QPSK	1	24	22.78	22.74	22.54		
5	QPSK	12	0	21.69	21.80	21.73	23	1
5	QPSK	12	7	21.63	21.54	21.80		
5	QPSK	12	13	21.77	21.70	21.71		
5	QPSK	25	0	21.52	21.77	21.61		
5	16QAM	1	0	22.10	22.03	22.08	23	1
5	16QAM	1	12	21.94	22.10	21.90		
5	16QAM	1	24	22.01	21.94	21.83		
5	16QAM	12	0	20.77	20.76	20.86	22	2
5	16QAM	12	7	20.73	20.74	20.91		
5	16QAM	12	13	20.76	20.73	20.61		
5	16QAM	25	0	20.66	20.79	20.80		
5	64QAM	1	0	20.90	20.87	20.94	22	2
5	64QAM	1	12	20.82	20.98	21.00		
5	64QAM	1	24	20.88	21.02	20.96		
5	64QAM	12	0	19.77	19.69	19.82	21	3
5	64QAM	12	7	19.76	19.77	19.84		
5	64QAM	12	13	19.68	19.86	19.67		
5	64QAM	25	0	19.71	19.73	19.87		
5	256QAM	1	0	17.63	17.74	17.90	19	5
5	256QAM	1	12	17.65	17.79	17.84		
5	256QAM	1	24	17.71	17.84	17.71		
5	256QAM	12	0	17.62	17.68	17.74	19	5
5	256QAM	12	7	17.77	17.62	17.71		
5	256QAM	12	13	17.84	17.77	17.78		
5	256QAM	25	0	17.63	17.78	17.83		
Channel				26045	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.82	22.84	22.66	24	0
3	QPSK	1	8	22.71	22.83	22.59		
3	QPSK	1	14	22.80	22.72	22.48		
3	QPSK	8	0	21.68	21.73	21.69	23	1
3	QPSK	8	4	21.64	21.54	21.76		
3	QPSK	8	7	21.69	21.67	21.64		
3	QPSK	15	0	21.54	21.72	21.60		
3	16QAM	1	0	22.03	21.97	22.07	23	1
3	16QAM	1	8	21.94	22.09	21.95		
3	16QAM	1	14	22.09	21.97	21.92		
3	16QAM	8	0	20.82	20.71	20.82	22	2
3	16QAM	8	4	20.70	20.82	20.85		
3	16QAM	8	7	20.79	20.73	20.63		
3	16QAM	15	0	20.65	20.77	20.81		
3	64QAM	1	0	20.91	20.93	20.99	22	2
3	64QAM	1	8	20.79	20.99	21.00		
3	64QAM	1	14	20.94	21.01	20.96		
3	64QAM	8	0	19.82	19.75	19.81	21	3
3	64QAM	8	4	19.74	19.84	19.79		
3	64QAM	8	7	19.72	19.82	19.68		
3	64QAM	15	0	19.71	19.74	19.83		
3	256QAM	1	0	17.57	17.71	17.65	19	5
3	256QAM	1	8	17.59	17.79	17.81		
3	256QAM	1	14	17.71	17.84	17.69		
3	256QAM	8	0	17.63	17.76	17.68	19	5
3	256QAM	8	4	17.82	17.84	17.72		
3	256QAM	8	7	17.83	17.74	17.83		
3	256QAM	15	0	17.63	17.73	17.75		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.67	22.70	22.52	24	0
1.4	QPSK	1	3	22.53	22.61	22.37		
1.4	QPSK	1	5	22.36	22.70	22.46		
1.4	QPSK	3	0	22.62	22.72	22.49		
1.4	QPSK	3	1	22.53	22.63	22.41		
1.4	QPSK	3	3	22.38	22.70	22.47		
1.4	QPSK	6	0	21.53	21.67	21.56	23	1
1.4	16QAM	1	0	21.86	21.89	21.81	23	1
1.4	16QAM	1	3	21.73	21.79	21.78		
1.4	16QAM	1	5	21.98	21.81	21.80		
1.4	16QAM	3	0	21.82	21.88	21.74		
1.4	16QAM	3	1	21.78	21.78	21.80		
1.4	16QAM	3	3	21.96	21.79	21.75		
1.4	16QAM	6	0	20.72	20.70	20.59	22	2
1.4	64QAM	1	0	20.65	20.81	20.70	22	2
1.4	64QAM	1	3	20.98	20.90	20.74		
1.4	64QAM	1	5	20.91	20.84	20.73		
1.4	64QAM	3	0	20.67	20.80	20.68		
1.4	64QAM	3	1	20.94	20.95	20.77		
1.4	64QAM	3	3	20.91	20.92	20.77		
1.4	64QAM	6	0	19.67	19.65	19.73	21	3
1.4	256QAM	1	0	17.59	17.69	17.69	19	5
1.4	256QAM	1	3	17.77	17.60	17.63		
1.4	256QAM	1	5	17.74	17.62	17.52		
1.4	256QAM	3	0	17.74	17.53	17.45		
1.4	256QAM	3	1	17.65	17.72	17.55		
1.4	256QAM	3	3	17.62	17.50	17.75		
1.4	256QAM	6	0	17.77	17.69	17.56	19	5

Band 66 Ant9

BW [MHz]	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	23.05	23.11	22.85	24	0
20	QPSK	1	49	23.03	22.90	22.91		
20	QPSK	1	99	22.94	23.01	22.83		
20	QPSK	50	0	21.91	21.98	21.91	23	1
20	QPSK	50	24	21.76	21.78	21.71		
20	QPSK	50	50	21.81	21.91	21.92		
20	QPSK	100	0	21.85	21.95	21.89		
20	16QAM	1	0	22.30	22.29	22.16	23	1
20	16QAM	1	49	22.26	22.31	22.35		
20	16QAM	1	99	22.22	22.25	22.36		
20	16QAM	50	0	20.83	20.93	20.90	22	2
20	16QAM	50	24	20.86	20.92	20.83		
20	16QAM	50	50	20.92	20.95	20.83		
20	16QAM	100	0	20.87	20.93	21.00		
20	64QAM	1	0	20.99	21.06	20.96	22	2
20	64QAM	1	49	21.02	21.10	21.15		
20	64QAM	1	99	21.06	21.09	21.16		
20	64QAM	50	0	20.03	19.92	19.98	21	3
20	64QAM	50	24	19.83	19.99	19.93		
20	64QAM	50	50	19.93	19.88	19.89		
20	64QAM	100	0	19.97	19.93	20.00		
20	256QAM	1	0	18.07	18.01	18.05	19	5
20	256QAM	1	49	17.96	18.01	18.04		
20	256QAM	1	99	18.06	18.08	17.94		
20	256QAM	50	0	17.91	17.89	17.86	19	5
20	256QAM	50	24	17.85	18.00	17.93		
20	256QAM	50	50	17.92	17.96	17.80		
20	256QAM	100	0	17.96	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.81	22.87	22.65	24	0
15	QPSK	1	37	22.71	22.82	22.62		
15	QPSK	1	74	22.84	22.75	22.45		
15	QPSK	36	0	21.66	21.77	21.75	23	1
15	QPSK	36	20	21.67	21.61	21.80		
15	QPSK	36	39	21.70	21.68	21.65		
15	QPSK	75	0	21.59	21.69	21.61		
15	16QAM	1	0	22.08	22.02	22.08	23	1
15	16QAM	1	37	21.97	22.11	21.89		
15	16QAM	1	74	22.03	21.96	21.86		
15	16QAM	36	0	20.80	20.75	20.84	22	2
15	16QAM	36	20	20.72	20.77	20.89		
15	16QAM	36	39	20.72	20.67	20.64		
15	16QAM	75	0	20.64	20.72	20.72		
15	64QAM	1	0	20.93	20.86	20.96	22	2
15	64QAM	1	37	20.85	20.95	20.99		
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	19.79	19.74	19.89	21	3
15	64QAM	36	20	19.69	19.84	19.80		
15	64QAM	36	39	19.74	19.84	19.70		
15	64QAM	75	0	19.66	19.73	19.92		
15	256QAM	1	0	17.57	17.70	17.61	19	5
15	256QAM	1	37	17.63	17.80	17.76		
15	256QAM	1	74	17.72	17.83	17.72		
15	256QAM	36	0	17.64	17.74	17.66	19	5
15	256QAM	36	20	17.80	17.63	17.67		
15	256QAM	36	39	17.82	17.76	17.83		
15	256QAM	75	0	17.65	17.70	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.76	22.90	22.71	24	0
10	QPSK	1	25	22.75	22.85	22.58		
10	QPSK	1	49	22.78	22.73	22.48		
10	QPSK	25	0	21.72	21.73	21.68	23	1
10	QPSK	25	12	21.72	21.56	21.79		
10	QPSK	25	25	21.69	21.77	21.70		
10	QPSK	50	0	21.55	21.71	21.57		
10	16QAM	1	0	22.09	21.98	22.10	23	1
10	16QAM	1	25	22.01	22.09	21.96		
10	16QAM	1	49	22.05	21.92	21.89		
10	16QAM	25	0	20.76	20.70	20.86	22	2
10	16QAM	25	12	20.66	20.81	20.83		
10	16QAM	25	25	20.73	20.70	20.58		
10	16QAM	50	0	20.67	20.72	20.72		
10	64QAM	1	0	20.90	20.85	21.02	22	2
10	64QAM	1	25	20.82	21.00	20.98		
10	64QAM	1	49	20.88	20.99	20.96		
10	64QAM	25	0	19.75	19.76	19.80	21	3
10	64QAM	25	12	19.77	19.82	19.77		
10	64QAM	25	25	19.70	19.84	19.68		
10	64QAM	50	0	19.71	19.76	19.92		
10	256QAM	1	0	17.64	17.71	17.68	19	5
10	256QAM	1	25	17.62	17.78	17.80		
10	256QAM	1	49	17.69	17.82	17.71		
10	256QAM	25	0	17.70	17.78	17.69	19	5
10	256QAM	25	12	17.79	17.63	17.67		
10	256QAM	25	25	17.83	17.81	17.80		
10	256QAM	50	0	17.63	17.78	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.80	22.83	22.66	24	0
5	QPSK	1	12	22.76	22.84	22.60		
5	QPSK	1	24	22.82	22.79	22.48		
5	QPSK	12	0	21.65	21.73	21.74	23	1
5	QPSK	12	7	21.70	21.57	21.78		
5	QPSK	12	13	21.73	21.74	21.68		
5	QPSK	25	0	21.54	21.70	21.57		
5	16QAM	1	0	22.02	22.01	22.10	23	1
5	16QAM	1	12	21.99	22.05	21.89		
5	16QAM	1	24	22.05	21.93	21.87		
5	16QAM	12	0	20.82	20.78	20.78	22	2
5	16QAM	12	7	20.67	20.75	20.86		
5	16QAM	12	13	20.73	20.71	20.58		
5	16QAM	25	0	20.64	20.75	20.82		
5	64QAM	1	0	20.96	20.84	20.96	22	2
5	64QAM	1	12	20.79	20.96	21.02		
5	64QAM	1	24	20.89	20.97	21.00		
5	64QAM	12	0	19.78	19.74	19.82	21	3
5	64QAM	12	7	19.74	19.78	19.78		
5	64QAM	12	13	19.66	19.79	19.66		
5	64QAM	25	0	19.75	19.80	19.82		
5	256QAM	1	0	17.65	17.72	17.62	19	5
5	256QAM	1	12	17.61	17.75	17.76		
5	256QAM	1	24	17.69	17.84	17.65		
5	256QAM	12	0	17.64	17.72	17.69	19	5
5	256QAM	12	7	17.81	17.67	17.66		
5	256QAM	12	13	17.79	17.78	17.84		
5	256QAM	25	0	17.60	17.71	17.84		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.76	22.90	22.63	24	0
3	QPSK	1	8	22.76	22.84	22.54		
3	QPSK	1	14	22.81	22.80	22.45		
3	QPSK	8	0	21.65	21.72	21.75	23	1
3	QPSK	8	4	21.69	21.55	21.74		
3	QPSK	8	7	21.71	21.69	21.69		
3	QPSK	15	0	21.52	21.72	21.64		
3	16QAM	1	0	22.07	21.96	22.06	23	1
3	16QAM	1	8	22.01	22.12	21.93		
3	16QAM	1	14	22.02	21.96	21.88		
3	16QAM	8	0	20.84	20.74	20.80	22	2
3	16QAM	8	4	20.66	20.76	20.93		
3	16QAM	8	7	20.79	20.70	20.63		
3	16QAM	15	0	20.63	20.75	20.82		
3	64QAM	1	0	20.91	20.90	20.96	22	2
3	64QAM	1	8	20.82	21.04	20.98		
3	64QAM	1	14	20.88	21.06	21.04		
3	64QAM	8	0	19.82	19.74	19.90	21	3
3	64QAM	8	4	19.69	19.76	19.80		
3	64QAM	8	7	19.66	19.84	19.71		
3	64QAM	15	0	19.69	19.79	19.89		
3	256QAM	1	0	17.56	17.67	17.59	19	5
3	256QAM	1	8	17.55	17.78	17.75		
3	256QAM	1	14	17.68	17.85	17.67		
3	256QAM	8	0	17.70	17.70	17.68	19	5
3	256QAM	8	4	17.81	17.59	17.65		
3	256QAM	8	7	17.82	17.79	17.85		
3	256QAM	15	0	17.65	17.74	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.66	22.76	22.48	24	0
1.4	QPSK	1	3	22.50	22.64	22.39		
1.4	QPSK	1	5	22.36	22.71	22.46		
1.4	QPSK	3	0	22.65	22.72	22.48		
1.4	QPSK	3	1	22.48	22.64	22.40		
1.4	QPSK	3	3	22.36	22.70	22.37		
1.4	QPSK	6	0	21.53	21.73	21.58	23	1
1.4	16QAM	1	0	21.80	21.90	21.77	23	1
1.4	16QAM	1	3	21.77	21.75	21.80		
1.4	16QAM	1	5	22.02	21.85	21.75		
1.4	16QAM	3	0	21.82	21.91	21.76		
1.4	16QAM	3	1	21.73	21.72	21.78		
1.4	16QAM	3	3	21.95	21.85	21.76		
1.4	16QAM	6	0	20.72	20.65	20.57	22	2
1.4	64QAM	1	0	20.65	20.77	20.69	22	2
1.4	64QAM	1	3	20.96	20.95	20.74		
1.4	64QAM	1	5	20.91	20.86	20.69		
1.4	64QAM	3	0	20.65	20.81	20.74		
1.4	64QAM	3	1	20.90	20.99	20.69		
1.4	64QAM	3	3	20.84	20.83	20.73		
1.4	64QAM	6	0	19.68	19.65	19.76	21	3
1.4	256QAM	1	0	17.67	17.73	17.66	19	5
1.4	256QAM	1	3	17.76	17.66	17.71		
1.4	256QAM	1	5	17.65	17.68	17.60		
1.4	256QAM	3	0	17.75	17.55	17.47		
1.4	256QAM	3	1	17.65	17.71	17.53		
1.4	256QAM	3	3	17.58	17.57	17.79		
1.4	256QAM	6	0	17.73	17.61	17.52	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.21	23.11	24	0
20	QPSK	1	49	23.02	23.10	23.07		
20	QPSK	1	99	23.06	23.11	22.98		
20	QPSK	50	0	22.21	22.25	22.10	23	1
20	QPSK	50	24	22.11	22.09	22.20		
20	QPSK	50	50	22.09	22.12	22.09		
20	QPSK	100	0	22.13	22.17	22.04		
20	16QAM	1	0	22.29	22.26	22.26	23	1
20	16QAM	1	49	22.23	22.20	22.30		
20	16QAM	1	99	22.19	22.34	22.25		
20	16QAM	50	0	21.41	21.29	21.34	22	2
20	16QAM	50	24	21.29	21.41	21.34		
20	16QAM	50	50	21.41	21.20	21.20		
20	16QAM	100	0	21.26	21.24	21.30		
20	64QAM	1	0	21.07	20.98	20.93	22	2
20	64QAM	1	49	20.96	20.91	20.88		
20	64QAM	1	99	20.85	21.08	21.07		
20	64QAM	50	0	20.35	20.31	20.36	21	3
20	64QAM	50	24	20.43	20.26	20.37		
20	64QAM	50	50	20.24	20.34	20.22		
20	64QAM	100	0	20.14	20.21	20.11		
20	256QAM	1	0	18.19	18.13	18.06	19	5
20	256QAM	1	49	18.12	18.22	18.24		
20	256QAM	1	99	18.07	18.02	18.17		
20	256QAM	50	0	18.19	18.32	18.22	19	5
20	256QAM	50	24	18.37	18.25	18.44		
20	256QAM	50	50	18.26	18.26	18.34		
20	256QAM	100	0	18.33	18.22	18.10		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.07	23.05	23.05	24	0
15	QPSK	1	37	22.93	23.01	23.00		
15	QPSK	1	74	22.97	23.05	22.91		
15	QPSK	36	0	22.02	22.10	21.99	23	1
15	QPSK	36	20	21.93	21.94	22.11		
15	QPSK	36	39	22.00	22.04	22.01		
15	QPSK	75	0	21.95	21.98	21.90		
15	16QAM	1	0	22.10	22.07	22.20	23	1
15	16QAM	1	37	22.04	22.06	22.14		
15	16QAM	1	74	22.03	22.29	22.11		
15	16QAM	36	0	21.31	21.23	21.21	22	2
15	16QAM	36	20	21.24	21.34	21.27		
15	16QAM	36	39	21.25	21.08	21.04		
15	16QAM	75	0	21.16	21.07	21.25		
15	64QAM	1	0	20.98	20.88	20.82	22	2
15	64QAM	1	37	20.85	20.74	20.77		
15	64QAM	1	74	20.72	20.89	20.91		
15	64QAM	36	0	20.25	20.11	20.25	21	3
15	64QAM	36	20	20.37	20.11	20.18		
15	64QAM	36	39	20.10	20.20	20.17		
15	64QAM	75	0	20.07	20.16	19.93		
15	256QAM	1	0	18.14	17.93	17.96	19	5
15	256QAM	1	37	18.00	18.08	18.11		
15	256QAM	1	74	17.94	17.94	18.00		
15	256QAM	36	0	18.04	18.16	18.15	19	5
15	256QAM	36	20	18.28	18.10	18.31		
15	256QAM	36	39	18.15	18.14	18.27		
15	256QAM	75	0	18.14	18.07	17.92		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.15	22.96	24	0
10	QPSK	1	25	22.83	23.03	22.91		
10	QPSK	1	49	22.94	22.99	22.88		
10	QPSK	25	0	22.13	22.08	21.94	23	1
10	QPSK	25	12	22.00	22.02	22.08		
10	QPSK	25	25	21.98	22.07	21.95		
10	QPSK	50	0	22.00	21.99	21.93		
10	16QAM	1	0	22.25	22.16	22.07	23	1
10	16QAM	1	25	22.18	22.04	22.25		
10	16QAM	1	49	22.04	22.19	22.21		
10	16QAM	25	0	21.35	21.24	21.14	22	2
10	16QAM	25	12	21.12	21.29	21.15		
10	16QAM	25	25	21.31	21.11	21.15		
10	16QAM	50	0	21.18	21.16	21.11		
10	64QAM	1	0	20.88	20.90	20.84	22	2
10	64QAM	1	25	20.83	20.85	20.73		
10	64QAM	1	49	20.80	21.03	20.99		
10	64QAM	25	0	20.26	20.13	20.19	21	3
10	64QAM	25	12	20.25	20.11	20.22		
10	64QAM	25	25	20.06	20.15	20.15		
10	64QAM	50	0	20.01	20.12	19.94		
10	256QAM	1	0	18.03	17.94	17.92	19	5
10	256QAM	1	25	18.04	18.07	18.15		
10	256QAM	1	49	17.93	17.94	18.09		
10	256QAM	25	0	17.99	18.14	18.15	19	5
10	256QAM	25	12	18.22	18.19	18.29		
10	256QAM	25	25	18.17	18.18	18.25		
10	256QAM	50	0	18.23	18.18	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	22.98	23.11	23.02	24	0
5	QPSK	1	12	22.88	22.97	22.87		
5	QPSK	1	24	22.95	23.04	22.84		
5	QPSK	12	0	22.02	22.14	22.00	23	1
5	QPSK	12	7	21.97	21.92	22.08		
5	QPSK	12	13	21.98	21.97	21.98		
5	QPSK	25	0	22.06	22.02	21.93		
5	16QAM	1	0	22.16	22.21	22.20	23	1
5	16QAM	1	12	22.06	22.05	22.17		
5	16QAM	1	24	22.08	22.06	22.15		
5	16QAM	12	0	21.29	21.21	21.27	22	2
5	16QAM	12	7	21.10	21.22	21.23		
5	16QAM	12	13	21.31	21.13	21.02		
5	16QAM	25	0	21.14	21.09	21.23		
5	64QAM	1	0	20.90	20.86	20.74	22	2
5	64QAM	1	12	20.90	20.82	20.75		
5	64QAM	1	24	20.72	21.01	21.02		
5	64QAM	12	0	20.23	20.21	20.22	21	3
5	64QAM	12	7	20.28	20.21	20.19		
5	64QAM	12	13	20.18	20.21	20.09		
5	64QAM	25	0	20.10	20.07	20.02		
5	256QAM	1	0	18.08	18.08	17.87	19	5
5	256QAM	1	12	18.06	18.11	18.14		
5	256QAM	1	24	17.96	17.85	18.05		
5	256QAM	12	0	18.07	18.13	18.04	19	5
5	256QAM	12	7	18.31	18.19	18.38		
5	256QAM	12	13	18.22	18.19	18.16		
5	256QAM	25	0	18.14	18.18	17.93		

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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	23.24	23.15	23.32	23.02	22.99	24	0
20	QPSK	1	49	23.10	23.14	23.28	22.87	23.00		
20	QPSK	1	99	23.01	23.17	23.17	22.94	23.04		
20	QPSK	50	0	22.21	22.18	22.27	22.23	22.09	23	1
20	QPSK	50	24	22.12	22.08	22.26	22.09	22.05		
20	QPSK	50	50	22.25	22.10	22.19	22.23	22.12		
20	QPSK	100	0	22.13	22.13	22.21	22.13	22.18		
20	16QAM	1	0	22.43	22.37	22.31	22.40	22.25	23	1
20	16QAM	1	49	22.34	22.21	22.21	22.21	22.43		
20	16QAM	1	99	22.33	22.25	22.43	22.23	22.19		
20	16QAM	50	0	21.38	21.25	21.26	21.24	21.38	22	2
20	16QAM	50	24	21.28	21.15	21.32	21.27	21.32		
20	16QAM	50	50	21.38	21.28	21.14	21.23	21.37		
20	16QAM	100	0	21.20	21.18	21.23	21.10	21.14		
20	64QAM	1	0	21.05	20.85	20.95	21.00	21.02	22	2
20	64QAM	1	49	20.94	20.82	20.96	20.92	20.88		
20	64QAM	1	99	21.07	21.01	20.90	20.88	20.97		
20	64QAM	50	0	20.21	20.35	20.29	20.41	20.28	21	3
20	64QAM	50	24	20.34	20.36	20.33	20.29	20.20		
20	64QAM	50	50	20.32	20.42	20.21	20.36	20.25		
20	64QAM	100	0	20.30	20.14	20.19	20.26	20.08		
20	256QAM	1	0	18.01	18.18	18.10	18.00	18.00	19	5
20	256QAM	1	49	18.11	18.15	18.07	18.19	18.17		
20	256QAM	1	99	18.04	18.12	18.06	17.98	18.06		
20	256QAM	50	0	18.36	18.35	18.30	18.40	18.20	19	5
20	256QAM	50	24	18.39	18.37	18.33	18.19	18.31		
20	256QAM	50	50	18.20	18.32	18.23	18.42	18.32		
20	256QAM	100	0	18.17	18.29	18.19	18.17	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	23.13	23.03	23.25	22.97	22.91	24	0
15	QPSK	1	37	22.98	23.09	23.16	22.77	22.88		
15	QPSK	1	74	22.96	23.05	22.98	22.83	22.94		
15	QPSK	36	0	22.04	22.05	22.21	22.14	21.91	23	1
15	QPSK	36	20	22.04	22.03	22.07	21.94	21.86		
15	QPSK	36	39	22.13	21.99	22.05	22.19	21.96		
15	QPSK	75	0	21.99	21.98	22.02	22.09	22.04		
15	16QAM	1	0	22.36	22.21	22.24	22.24	22.17	23	1
15	16QAM	1	37	22.20	22.13	22.15	22.14	22.28		
15	16QAM	1	74	22.26	22.21	22.24	22.19	22.07		
15	16QAM	36	0	21.22	21.06	21.13	21.06	21.28	22	2
15	16QAM	36	20	21.18	21.05	21.15	21.13	21.18		
15	16QAM	36	39	21.28	21.13	21.08	21.10	21.17		
15	16QAM	75	0	21.11	21.02	21.17	20.98	20.94		
15	64QAM	1	0	20.92	20.73	20.84	20.88	20.83	22	2
15	64QAM	1	37	20.77	20.70	20.83	20.72	20.76		
15	64QAM	1	74	20.98	20.83	20.83	20.68	20.80		
15	64QAM	36	0	20.12	20.27	20.19	20.29	20.15	21	3
15	64QAM	36	20	20.21	20.23	20.19	20.15	20.04		
15	64QAM	36	39	20.24	20.32	20.15	20.23	20.10		
15	64QAM	75	0	20.13	20.07	20.10	20.07	19.89		
15	256QAM	1	0	17.85	17.98	18.02	17.90	17.87	19	5
15	256QAM	1	37	18.04	18.01	17.99	18.00	17.97		
15	256QAM	1	74	17.84	18.08	18.01	17.90	17.90		
15	256QAM	36	0	18.30	18.21	18.21	18.31	18.03	19	5
15	256QAM	36	20	18.32	18.28	18.18	18.04	18.16		
15	256QAM	36	39	18.07	18.17	18.14	18.26	18.12		
15	256QAM	75	0	17.98	18.13	18.01	18.08	18.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.04	23.06	23.18	22.91	22.88	24	0
10	QPSK	1	25	22.91	23.07	23.15	22.80	22.90		
10	QPSK	1	49	22.86	23.02	23.00	22.88	22.92		
10	QPSK	25	0	22.12	22.13	22.12	22.04	21.93	23	1
10	QPSK	25	12	21.93	21.99	22.10	22.02	21.93		
10	QPSK	25	25	22.07	22.05	22.11	22.18	22.05		
10	QPSK	50	0	22.07	22.07	22.10	21.97	21.99		
10	16QAM	1	0	22.28	22.20	22.26	22.25	22.14	23	1
10	16QAM	1	25	22.18	22.13	22.11	22.04	22.26		
10	16QAM	1	49	22.19	22.19	22.35	22.06	22.08		
10	16QAM	25	0	21.27	21.21	21.16	21.12	21.19	22	2
10	16QAM	25	12	21.15	21.10	21.26	21.10	21.27		
10	16QAM	25	25	21.26	21.18	21.08	21.16	21.33		
10	16QAM	50	0	21.05	21.08	21.10	20.91	20.95		
10	64QAM	1	0	20.97	20.74	20.80	20.89	20.82	22	2
10	64QAM	1	25	20.89	20.67	20.82	20.84	20.78		
10	64QAM	1	49	21.01	20.87	20.77	20.80	20.85		
10	64QAM	25	0	20.14	20.23	20.23	20.36	20.14	21	3
10	64QAM	25	12	20.26	20.26	20.14	20.16	20.00		
10	64QAM	25	25	20.16	20.37	20.02	20.17	20.14		
10	64QAM	50	0	20.21	20.06	20.14	20.16	19.89		
10	256QAM	1	0	17.95	18.10	18.02	17.80	17.90	19	5
10	256QAM	1	25	18.01	18.08	18.00	18.08	18.01		
10	256QAM	1	49	17.89	18.04	17.88	17.92	17.90		
10	256QAM	25	0	18.22	18.18	18.20	18.33	18.09	19	5
10	256QAM	25	12	18.25	18.32	18.15	18.05	18.22		
10	256QAM	25	25	18.06	18.22	18.05	18.25	18.15		
10	256QAM	50	0	17.98	18.14	18.03	17.99	18.04		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.19	23.07	23.18	22.95	22.91	24	0
5	QPSK	1	12	23.03	22.99	23.18	22.77	22.93		
5	QPSK	1	24	22.96	23.06	23.03	22.83	22.89		
5	QPSK	12	0	22.12	22.13	22.08	22.18	21.92	23	1
5	QPSK	12	7	22.04	22.03	22.13	21.89	21.90		
5	QPSK	12	13	22.10	21.92	22.14	22.09	22.06		
5	QPSK	25	0	22.04	21.98	22.03	22.00	22.04		
5	16QAM	1	0	22.23	22.18	22.18	22.36	22.17	23	1
5	16QAM	1	12	22.21	22.05	22.05	22.09	22.28		
5	16QAM	1	24	22.19	22.20	22.38	22.10	22.09		
5	16QAM	12	0	21.25	21.19	21.14	21.16	21.23	22	2
5	16QAM	12	7	21.16	21.06	21.15	21.18	21.13		
5	16QAM	12	13	21.27	21.20	21.02	21.13	21.30		
5	16QAM	25	0	21.10	21.06	21.08	21.03	21.00		
5	64QAM	1	0	20.89	20.78	20.77	20.91	20.90	22	2
5	64QAM	1	12	20.87	20.73	20.85	20.73	20.82		
5	64QAM	1	24	20.89	20.84	20.83	20.75	20.89		
5	64QAM	12	0	20.10	20.29	20.12	20.32	20.21	21	3
5	64QAM	12	7	20.23	20.26	20.15	20.16	20.02		
5	64QAM	12	13	20.23	20.23	20.06	20.29	20.12		
5	64QAM	25	0	20.26	20.08	20.06	20.19	19.94		
5	256QAM	1	0	17.87	18.04	18.01	17.88	17.85	19	5
5	256QAM	1	12	18.05	18.09	17.96	17.99	18.12		
5	256QAM	1	24	17.97	17.98	18.02	17.93	17.96		
5	256QAM	12	0	18.25	18.22	18.14	18.29	18.11	19	5
5	256QAM	12	7	18.31	18.33	18.18	18.14	18.19		
5	256QAM	12	13	18.07	18.25	18.15	18.38	18.18		
5	256QAM	25	0	18.09	18.15	17.99	18.00	18.02		

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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	26.27	26.14	26.29	26.02	25.94	27	0
20	QPSK	1	49	26.17	26.02	26.28	26.04	26.16		
20	QPSK	1	99	25.93	26.17	26.07	26.01	26.06		
20	QPSK	50	0	25.19	25.04	25.26	25.11	25.09	26	1
20	QPSK	50	24	25.06	25.15	25.08	25.07	25.13		
20	QPSK	50	50	24.92	25.11	25.16	25.17	25.11		
20	QPSK	100	0	25.15	25.07	25.20	25.08	25.19		
20	16QAM	1	0	25.47	25.50	25.51	25.60	25.44	26	1
20	16QAM	1	49	25.41	25.56	25.42	25.38	25.40		
20	16QAM	1	99	25.47	25.42	25.43	25.45	25.46		
20	16QAM	50	0	24.17	24.21	24.26	24.32	24.32	25	2
20	16QAM	50	24	24.14	24.30	24.39	24.28	24.39		
20	16QAM	50	50	24.17	24.39	24.33	24.23	24.32		
20	16QAM	100	0	24.17	24.28	24.21	24.21	24.14		
20	64QAM	1	0	24.15	24.33	24.26	24.25	24.14	25	2
20	64QAM	1	49	24.22	24.16	24.17	24.25	24.17		
20	64QAM	1	99	24.36	24.27	24.15	24.24	24.16		
20	64QAM	50	0	23.42	23.27	23.30	23.40	23.35	24	3
20	64QAM	50	24	23.33	23.33	23.20	23.27	23.32		
20	64QAM	50	50	23.40	23.40	23.39	23.24	23.21		
20	64QAM	100	0	23.22	23.10	23.19	23.26	23.32		
20	256QAM	1	0	21.34	21.23	21.27	21.20	21.28	22	5
20	256QAM	1	49	21.35	21.25	21.35	21.35	21.31		
20	256QAM	1	99	21.33	21.33	21.39	21.17	21.20		
20	256QAM	50	0	21.23	21.27	21.30	21.18	21.21	22	5
20	256QAM	50	24	21.34	21.28	21.20	21.33	21.40		
20	256QAM	50	50	21.23	21.31	21.33	21.19	21.31		
20	256QAM	100	0	21.26	21.16	21.19	21.13	21.17		
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	26.13	26.03	26.24	25.87	25.85	27	0
15	QPSK	1	37	25.99	25.89	26.17	25.91	26.01		
15	QPSK	1	74	25.87	25.97	25.93	25.95	25.98		
15	QPSK	36	0	25.07	24.93	25.13	25.03	24.91	26	1
15	QPSK	36	20	24.98	25.04	25.02	24.91	24.97		
15	QPSK	36	39	24.82	24.92	25.02	25.03	25.07		
15	QPSK	75	0	25.07	24.98	25.10	25.03	25.11		
15	16QAM	1	0	25.27	25.43	25.45	25.55	25.31	26	1
15	16QAM	1	37	25.27	25.39	25.35	25.24	25.35		
15	16QAM	1	74	25.29	25.30	25.32	25.38	25.29		
15	16QAM	36	0	23.99	24.08	24.21	24.27	24.14	25	2
15	16QAM	36	20	23.98	24.17	24.24	24.13	24.23		
15	16QAM	36	39	24.12	24.30	24.18	24.11	24.14		
15	16QAM	75	0	24.06	24.15	24.13	24.05	24.00		
15	64QAM	1	0	23.97	24.22	24.10	24.07	23.99	25	2
15	64QAM	1	37	24.12	24.07	23.99	24.09	24.11		
15	64QAM	1	74	24.18	24.12	24.10	24.13	24.04		
15	64QAM	36	0	23.30	23.16	23.18	23.30	23.21	24	3
15	64QAM	36	20	23.16	23.26	23.10	23.17	23.28		
15	64QAM	36	39	23.29	23.35	23.26	23.07	23.10		
15	64QAM	75	0	23.12	22.90	23.11	23.18	23.19		
15	256QAM	1	0	21.16	21.08	21.10	21.04	21.13	22	5
15	256QAM	1	37	21.26	21.05	21.22	21.23	21.18		
15	256QAM	1	74	21.15	21.14	21.28	21.07	21.10		
15	256QAM	36	0	21.16	21.18	21.26	20.98	21.17	22	5
15	256QAM	36	20	21.28	21.08	21.11	21.26	21.30		
15	256QAM	36	39	21.13	21.23	21.15	21.09	21.12		
15	256QAM	75	0	21.07	21.02	21.08	20.98	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.23	26.02	26.19	25.96	25.81	27	0
10	QPSK	1	25	26.04	25.94	26.21	25.89	26.03		
10	QPSK	1	49	25.82	26.13	26.00	25.92	25.97		
10	QPSK	25	0	25.14	24.99	25.19	25.01	25.00	26	1
10	QPSK	25	12	25.01	25.08	24.98	24.92	25.05		
10	QPSK	25	25	24.72	24.96	25.10	24.98	25.05		
10	QPSK	50	0	24.99	24.96	25.10	24.91	25.08		
10	16QAM	1	0	25.42	25.33	25.43	25.51	25.30	26	1
10	16QAM	1	25	25.25	25.47	25.22	25.27	25.34		
10	16QAM	1	49	25.30	25.31	25.34	25.31	25.30		
10	16QAM	25	0	24.03	24.15	24.10	24.24	24.22	25	2
10	16QAM	25	12	24.03	24.24	24.33	24.24	24.22		
10	16QAM	25	25	24.02	24.34	24.15	24.12	24.19		
10	16QAM	50	0	24.09	24.12	24.06	24.08	24.06		
10	64QAM	1	0	24.09	24.26	24.13	24.13	24.00	25	2
10	64QAM	1	25	24.18	24.00	24.12	24.10	24.09		
10	64QAM	1	49	24.31	24.14	24.04	24.16	24.08		
10	64Q

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BW [MHz]	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	22.68	22.86	22.79		
20	QPSK	1	49	22.61	22.79	22.70	24	0
20	QPSK	1	99	22.63	22.73	22.78		
20	QPSK	50	0	21.88	21.96	21.75		
20	QPSK	50	24	21.89	21.92	21.74	23	1
20	QPSK	50	50	21.78	21.89	21.93		
20	QPSK	100	0	21.83	21.92	21.91		
20	16QAM	1	0	21.79	21.89	21.91		
20	16QAM	1	49	21.79	22.01	21.83	23	1
20	16QAM	1	99	21.78	21.95	22.01		
20	16QAM	50	0	20.85	20.95	21.07		
20	16QAM	50	24	21.03	20.96	20.93	22	2
20	16QAM	50	50	20.82	20.96	20.87		
20	16QAM	100	0	21.01	20.93	20.90		
20	64QAM	1	0	20.43	20.53	20.56		
20	64QAM	1	49	20.64	20.53	20.51	22	2
20	64QAM	1	99	20.53	20.48	20.47		
20	64QAM	50	0	20.08	19.96	19.98		
20	64QAM	50	24	19.97	19.98	19.96	21	3
20	64QAM	50	50	20.03	19.92	20.01		
20	64QAM	100	0	19.83	19.94	20.03		
20	256QAM	1	0	17.83	17.75	17.74		
20	256QAM	1	49	17.85	17.72	17.77	19	5
20	256QAM	1	99	17.82	17.63	17.70		
20	256QAM	50	0	18.06	17.96	18.02		
20	256QAM	50	24	18.05	17.85	18.04	19	5
20	256QAM	50	50	17.87	17.99	18.08		
20	256QAM	100	0	17.80	17.93	17.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3590	3542.5		
15	QPSK	1	0	22.51	22.78	22.71		
15	QPSK	1	37	22.48	22.64	22.54	24	0
15	QPSK	1	74	22.46	22.58	22.63		
15	QPSK	36	0	21.76	21.88	21.60		
15	QPSK	36	20	21.81	21.85	21.65	23	1
15	QPSK	36	39	21.60	21.75	21.76		
15	QPSK	75	0	21.69	21.80	21.81		
15	16QAM	1	0	21.75	21.83	21.76		
15	16QAM	1	37	21.60	21.85	21.75	23	1
15	16QAM	1	74	21.71	21.87	21.91		
15	16QAM	36	0	20.80	20.80	21.01		
15	16QAM	36	20	20.97	20.80	20.77	22	2
15	16QAM	36	39	20.78	20.87	20.75		
15	16QAM	75	0	20.93	20.87	20.82		
15	64QAM	1	0	20.37	20.44	20.50		
15	64QAM	1	37	20.47	20.45	20.32	22	2
15	64QAM	1	74	20.48	20.39	20.38		
15	64QAM	36	0	20.00	19.88	19.86		
15	64QAM	36	20	19.87	19.92	19.83	21	3
15	64QAM	36	39	19.93	19.80	19.90		
15	64QAM	75	0	19.64	19.90	19.89		
15	256QAM	1	0	17.70	17.57	17.56		
15	256QAM	1	37	17.72	17.54	17.65	19	5
15	256QAM	1	74	17.71	17.55	17.54		
15	256QAM	36	0	17.93	17.84	17.92		
15	256QAM	36	20	17.89	17.73	17.96	19	5
15	256QAM	36	39	17.67	17.83	17.92		
15	256QAM	75	0	17.64	17.84	17.92		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.63	22.78	22.72		
10	QPSK	1	25	22.45	22.66	22.63	24	0
10	QPSK	1	49	22.43	22.63	22.70		
10	QPSK	25	0	21.71	21.83	21.65		
10	QPSK	25	12	21.75	21.77	21.56	23	1
10	QPSK	25	25	21.69	21.85	21.79		
10	QPSK	50	0	21.73	21.79	21.84		
10	16QAM	1	0	21.75	21.81	21.77		
10	16QAM	1	25	21.72	21.92	21.78	23	1
10	16QAM	1	49	21.62	21.90	21.83		
10	16QAM	25	0	20.75	20.75	20.97		
10	16QAM	25	12	20.95	20.86	20.81	22	2
10	16QAM	25	25	20.75	20.88	20.69		
10	16QAM	50	0	20.84	20.78	20.82		
10	64QAM	1	0	20.31	20.47	20.47		
10	64QAM	1	25	20.58	20.36	20.36	22	2
10	64QAM	1	49	20.46	20.32	20.40		
10	64QAM	25	0	19.99	19.86	19.89		
10	64QAM	25	12	19.78	19.94	19.83	21	3
10	64QAM	25	25	19.85	19.77	19.85		
10	64QAM	50	0	19.71	19.82	19.89		
10	256QAM	1	0	17.71	17.69	17.68		
10	256QAM	1	25	17.79	17.56	17.64	19	5
10	256QAM	1	49	17.78	17.44	17.56		
10	256QAM	25	0	18.00	17.90	17.95		
10	256QAM	25	12	17.90	17.68	17.98	19	5
10	256QAM	25	25	17.78	17.85	17.92		
10	256QAM	50	0	17.74	17.82	17.79		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.63	22.75	22.73		
5	QPSK	1	12	22.44	22.74	22.60	24	0
5	QPSK	1	24	22.53	22.64	22.73		
5	QPSK	12	0	21.82	21.81	21.55		
5	QPSK	12	7	21.71	21.74	21.70	23	1
5	QPSK	12	13	21.65	21.73	21.88		
5	QPSK	25	0	21.78	21.77	21.76		
5	16QAM	1	0	21.70	21.74	21.86		
5	16QAM	1	12	21.60	21.96	21.77	23	1
5	16QAM	1	24	21.68	21.85	21.84		
5	16QAM	12	0	20.79	20.79	21.01		
5	16QAM	12	7	20.95	20.76	20.74	22	2
5	16QAM	12	13	20.75	20.81	20.72		
5	16QAM	25	0	20.93	20.88	20.79		
5	64QAM	1	0	20.25	20.39	20.36		
5	64QAM	1	12	20.60	20.38	20.47	22	2
5	64QAM	1	24	20.48	20.41	20.37		
5	64QAM	12	0	19.96	19.79	19.94		
5	64QAM	12	7	19.83	19.80	19.84	21	3
5	64QAM	12	13	19.84	19.87	19.92		
5	64QAM	25	0	19.73	19.89	19.98		
5	256QAM	1	0	17.77	17.58	17.67		
5	256QAM	1	12	17.77	17.58	17.64	19	5
5	256QAM	1	24	17.62	17.50	17.56		
5	256QAM	12	0	17.96	17.89	17.87		
5	256QAM	12	7	17.92	17.66	17.96	19	5
5	256QAM	12	13	17.80	17.84	18.02		
5	256QAM	25	0	17.60	17.86	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	20.06	20.13	20.07		
20	QPSK	1	49	20.06	20.04	20.08	21	0
20	QPSK	1	99	20.06	20.12	19.91		
20	QPSK	50	0	19.09	19.18	19.06		
20	QPSK	50	24	19.10	18.99	18.97	20	1
20	QPSK	50	50	18.92	19.17	18.94		
20	QPSK	100	0	19.09	19.13	19.01		
20	16QAM	1	0	19.22	19.30	19.40		
20	16QAM	1	49	19.26	19.41	19.38	20	1
20	16QAM	1	99	19.22	19.36	19.24		
20	16QAM	50	0	18.10	18.15	18.27		
20	16QAM	50	24	18.23	18.09	18.15	19	2
20	16QAM	50	50	18.16	18.19	18.18		
20	16QAM	100	0	18.04	18.16	18.05		
20	64QAM	1	0	18.09	18.06	17.94		
20	64QAM	1	49	17.96	18.03	18.04	19	2
20	64QAM	1	99	17.95	18.11	18.19		
20	64QAM	50	0	17.09	17.18	17.08		
20	64QAM	50	24	17.21	17.20	17.20	18	3
20	64QAM	50	50	17.07	17.14	17.21		
20	64QAM	100	0	17.07	17.12	17.11		
20	256QAM	1	0	15.06	15.10	15.19		
20	256QAM	1	49	15.16	15.22	15.20	16	5
20	256QAM	1	99	15.18	15.05	15.10		
20	256QAM	50	0	15.14	15.18	15.14		
20	256QAM	50	24	15.09	15.08	15.18	16	5
20	256QAM	50	50	15.21	15.20	15.15		
20	256QAM	100	0	15.06	15.13	15.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.95	19.99	19.93		
15	QPSK	1	37	19.87	19.95	20.04	21	0
15	QPSK	1	74	19.94	20.02	19.82		
15	QPSK	36	0	18.90	19.02	18.91		
15	QPSK	36	20	18.93	18.94	18.88	20	1
15	QPSK	36	39	18.81	19.06	18.77		
15	QPSK	75	0	18.99	19.01	18.92		
15	16QAM	1	0	19.15	19.21	19.35		
15	16QAM	1	37	19.19	19.25	19.30	20	1
15	16QAM	1	74	19.09	19.19	19.06		
15	16QAM	36	0	17.94	18.08	18.18		
15	16QAM	36	20	18.08	17.90	18.03	19	2
15	16QAM	36	39	18.05	18.03	17.99		
15	16QAM	75	0	17.91	18.06	17.86		
15	64QAM	1	0	18.05	18.00	17.78		
15	64QAM	1	37	17.79	17.94	17.97	19	2
15	64QAM	1	74	17.87	17.93	18.02		
15	64QAM	36	0	16.90	17.05	16.97		
15	64QAM	36	20	17.10	17.15	17.01	18	3
15	64QAM	36	39	17.01	16.95	17.06		
15	64QAM	75	0	16.93	16.98	17.02		
15	256QAM	1	0	14.92	14.92	15.03		
15	256QAM	1	37	15.00	15.02	15.12	16	5
15	256QAM	1	74	15.08	15.00	14.92		
15	256QAM	36	0	15.09	15.10	15.02		
15	256QAM	36	20	15.00	14.90	15.03	16	5
15	256QAM	36	39	15.03	15.11	15.07		
15	256QAM	75	0	14.86	14.94	15.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.88	20.09	20.02		
10	QPSK	1	25	19.90	19.97	19.96	21	0
10	QPSK	1	49	19.88	20.06	19.82		
10	QPSK	25	0	18.92	19.04	18.92		
10	QPSK	25	12	19.04	18.87	18.78	20	1
10	QPSK	25	25	18.75	19.12	18.75		
10	QPSK	50	0	18.98	18.99	18.96		
10	16QAM	1	0	19.03	19.13	19.21		
10	16QAM	1	25	19.09	19.23	19.27	20	1
10	16QAM	1	49	19.09	19.30	19.13		
10	16QAM	25	0	17.94	18.04	18.18		
10	16QAM	25	12	18.12	17.93	17.98	19	2
10	16QAM	25	25	18.00	18.12	18.04		
10	16QAM	50	0	17.92	18.02	17.90		
10	64QAM	1	0	18.04	17.90	17.78		
10	64QAM	1	25	17.90	17.88	17.91	19	2
10	64QAM	1	49	17.78	18.03	18.05		
10	64QAM	25	0	16.99	17.01	17.00		
10	64QAM	25	12	17.16	17.15	17.07	18	3
10	64QAM	25	25	16.98	17.02	17.05		
10	64QAM	50	0	16.88	17.02	16.99		
10	256QAM	1	0	14.99	14.91	15.07		
10	256QAM	1	25	15.06	15.12	15.04	16	5
10	256QAM	1	49	15.04	14.99	15.04		
10	256QAM	25	0	15.01	15.10	14.98		
10	256QAM	25	12	14.98	14.93	14.99	16	5
10	256QAM	25	25	15.16	15.14	14.99		
10	256QAM	50	0	14.92	15.04	15.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.00	19.98	19.91		
5	QPSK	1	12	19.98	19.89	19.96	21	0
5	QPSK	1	24	19.92	19.96	19.82		
5	QPSK	12	0	18.97	18.99	18.98		
5	QPSK	12	7	19.01	18.85	18.89	20	1
5	QPSK	12	13	18.82	19.00	18.85		
5	QPSK	25	0	18.90	18.98	18.93		
5	16QAM	1	0	19.17	19.14	19.34		
5	16QAM	1	12	19.20	19.37	19.26	20	1
5	16QAM	1	24	19.08	19.20	19.13		
5	16QAM	12	0	18.02	18.06	18.18		
5	16QAM	12	7	18.13	17.95	17.97	19	2
5	16QAM	12	13	17.98	18.12	18.09		
5	16QAM	25	0	17.96	18.06	17.91		
5	64QAM	1	0	17.95	17.89	17.77		
5	64QAM	1	12	17.80	17.98	17.94	19	2
5	64QAM	1	24	17.86	18.00	18.00		
5	64QAM	12	0	16.90	17.06	16.90		
5	64QAM	12	7	17.12	17.05	17.15	18	3
5	64QAM	12	13	16.92	16.96	17.14		
5	64QAM	25	0	16.92	17.01	17.05		
5	256QAM	1	0	14.96	14.97	15.03		
5	256QAM	1	12	15.10	15.11	15.01	16	5
5	256QAM	1	24	15.11	14.96	14.96		
5	256QAM	12	0	14.95	15.08	15.08		
5	256QAM	12	7	15.04	15.01	15.02	16	5
5	256QAM	12	13	15.01	15.16	15.02		
5	256QAM	25	0	14.93	14.96	15.04		

Band 42 FCC Part27Q Ant8

BW [MHz]	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	20.90	20.97	20.86	22.1	0
20	QPSK	1	49	20.88	20.84	20.94		
20	QPSK	1	99	20.80	20.84	20.71		
20	QPSK	50	0	20.89	20.94	20.92	22.1	0
20	QPSK	50	24	20.89	20.91	20.89		
20	QPSK	50	50	20.74	20.91	20.81		
20	QPSK	100	0	20.89	20.91	20.69		
20	16QAM	1	0	20.91	20.85	20.87	22.1	0
20	16QAM	1	49	20.78	20.96	20.94		
20	16QAM	1	99	20.74	20.81	20.77		
20	16QAM	50	0	20.12	20.09	20.13	21.1	1
20	16QAM	50	24	20.18	20.08	20.14		
20	16QAM	50	50	20.05	20.18	20.08		
20	16QAM	100	0	20.21	20.10	20.14		
20	64QAM	1	0	19.84	19.72	19.71	21.1	1
20	64QAM	1	49	19.66	19.63	19.79		
20	64QAM	1	99	19.69	19.65	19.70		
20	64QAM	50	0	19.23	19.13	19.08	20.1	2
20	64QAM	50	24	19.04	19.13	19.12		
20	64QAM	50	50	19.21	19.10	19.09		
20	64QAM	100	0	19.05	19.08	18.96		
20	256QAM	1	0	16.93	16.85	16.84	18.1	4
20	256QAM	1	49	16.95	16.74	16.94		
20	256QAM	1	99	16.95	16.85	16.76		
20	256QAM	50	0	16.99	17.09	17.03	18.1	4
20	256QAM	50	24	17.06	17.14	17.19		
20	256QAM	50	50	17.19	16.99	17.18		
20	256QAM	100	0	17.02	17.05	16.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.76	20.86	20.77	22.1	0
15	QPSK	1	37	20.68	20.75	20.75		
15	QPSK	1	74	20.61	20.76	20.63		
15	QPSK	36	0	20.77	20.75	20.85	22.1	0
15	QPSK	36	20	20.85	20.79	20.86		
15	QPSK	36	39	20.68	20.82	20.72		
15	QPSK	75	0	20.72	20.75	20.56		
15	16QAM	1	0	20.88	20.68	20.92	22.1	0
15	16QAM	1	37	20.57	20.85	20.76		
15	16QAM	1	74	20.62	20.79	20.73		
15	16QAM	36	0	19.98	19.96	20.03	21.1	1
15	16QAM	36	20	20.09	20.00	20.01		
15	16QAM	36	39	19.96	19.99	19.90		
15	16QAM	75	0	20.03	20.02	19.99		
15	64QAM	1	0	19.72	19.60	19.61	21.1	1
15	64QAM	1	37	19.51	19.50	19.62		
15	64QAM	1	74	19.56	19.47	19.65		
15	64QAM	36	0	19.16	19.04	18.93	20.1	2
15	64QAM	36	20	18.84	19.08	18.97		
15	64QAM	36	39	19.09	18.94	18.93		
15	64QAM	75	0	18.96	19.04	18.85		
15	256QAM	1	0	16.76	16.81	16.72	18.1	4
15	256QAM	1	37	16.86	16.54	16.88		
15	256QAM	1	74	16.77	16.75	16.69		
15	256QAM	36	0	16.86	17.00	16.98	18.1	4
15	256QAM	36	20	17.00	17.02	17.09		
15	256QAM	36	39	17.01	16.89	17.11		
15	256QAM	75	0	16.93	16.93	16.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.80	20.85	20.70	22.1	0
10	QPSK	1	25	20.80	20.80	20.76		
10	QPSK	1	49	20.65	20.67	20.67		
10	QPSK	25	0	20.76	20.79	20.90	22.1	0
10	QPSK	25	12	20.70	20.72	20.85		
10	QPSK	25	25	20.64	20.84	20.65		
10	QPSK	50	0	20.71	20.77	20.53		
10	16QAM	1	0	20.80	20.70	20.78	22.1	0
10	16QAM	1	25	20.74	20.87	20.91		
10	16QAM	1	49	20.59	20.94	20.61		
10	16QAM	25	0	19.94	19.94	19.96	21.1	1
10	16QAM	25	12	20.05	19.99	20.00		
10	16QAM	25	25	19.85	20.09	20.03		
10	16QAM	50	0	20.08	19.90	19.94		
10	64QAM	1	0	19.75	19.53	19.61	21.1	1
10	64QAM	1	25	19.56	19.46	19.59		
10	64QAM	1	49	19.60	19.46	19.58		
10	64QAM	25	0	19.11	19.04	18.94	20.1	2
10	64QAM	25	12	18.86	18.94	18.93		
10	64QAM	25	25	19.12	18.96	19.03		
10	64QAM	50	0	18.94	18.90	18.79		
10	256QAM	1	0	16.81	16.70	16.76	18.1	4
10	256QAM	1	25	16.75	16.68	16.81		
10	256QAM	1	49	16.75	16.75	16.68		
10	256QAM	25	0	16.86	16.91	16.84	18.1	4
10	256QAM	25	12	16.94	17.01	17.09		
10	256QAM	25	25	17.06	16.79	17.01		
10	256QAM	50	0	16.87	16.89	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.77	20.90	20.71	22.1	0
5	QPSK	1	12	20.82	20.81	20.82		
5	QPSK	1	24	20.67	20.79	20.65		
5	QPSK	12	0	20.70	20.73	20.75	22.1	0
5	QPSK	12	7	20.78	20.82	20.76		
5	QPSK	12	13	20.57	20.79	20.69		
5	QPSK	25	0	20.79	20.78	20.67		
5	16QAM	1	0	20.87	20.71	20.95	22.1	0
5	16QAM	1	12	20.57	20.88	20.87		
5	16QAM	1	24	20.56	20.87	20.59		
5	16QAM	12	0	20.05	19.89	20.03	21.1	1
5	16QAM	12	7	19.99	19.99	20.09		
5	16QAM	12	13	19.98	20.14	19.94		
5	16QAM	25	0	20.13	19.99	20.00		
5	64QAM	1	0	19.74	19.55	19.64	21.1	1
5	64QAM	1	12	19.57	19.57	19.65		
5	64QAM	1	24	19.56	19.49	19.59		
5	64QAM	12	0	19.07	18.94	18.98	20.1	2
5	64QAM	12	7	18.85	18.93	18.99		
5	64QAM	12	13	19.02	18.93	19.02		
5	64QAM	25	0	18.92	18.94	18.78		
5	256QAM	1	0	16.87	16.69	16.72	18.1	4
5	256QAM	1	12	16.89	16.66	16.81		
5	256QAM	1	24	16.75	16.71	16.70		
5	256QAM	12	0	16.89	16.91	16.96	18.1	4
5	256QAM	12	7	16.89	16.99	17.02		
5	256QAM	12	13	17.02	16.90	17.11		
5	256QAM	25	0	16.90	16.90	16.77		

Band 42 FCC Part27Q Ant10

BW [MHz]	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	21.12	21.33	21.26		
20	QPSK	1	49	20.94	21.25	21.22	22.5	0
20	QPSK	1	99	21.02	21.13	21.18		
20	QPSK	50	0	20.21	20.33	20.14		
20	QPSK	50	24	20.17	20.26	20.15	21.5	1
20	QPSK	50	50	20.23	20.21	20.14		
20	QPSK	100	0	20.23	20.31	20.16		
20	16QAM	1	0	20.43	20.44	20.56		
20	16QAM	1	49	20.39	20.49	20.33	21.5	1
20	16QAM	1	99	20.49	20.51	20.54		
20	16QAM	50	0	19.32	19.35	19.25		
20	16QAM	50	24	19.31	19.39	19.27	20.5	2
20	16QAM	50	50	19.28	19.42	19.29		
20	16QAM	100	0	19.37	19.34	19.21		
20	64QAM	1	0	19.21	19.24	19.24		
20	64QAM	1	49	19.11	19.24	19.17	20.5	2
20	64QAM	1	99	19.15	19.22	19.24		
20	64QAM	50	0	18.26	18.37	18.29		
20	64QAM	50	24	18.36	18.38	18.45	19.5	3
20	64QAM	50	50	18.48	18.46	18.31		
20	64QAM	100	0	18.44	18.32	18.40		
20	256QAM	1	0	16.42	16.29	16.21		
20	256QAM	1	49	16.28	16.38	16.24	17.5	5
20	256QAM	1	99	16.27	16.22	16.34		
20	256QAM	50	0	16.31	16.38	16.30		
20	256QAM	50	24	16.34	16.43	16.26	17.5	5
20	256QAM	50	50	16.43	16.31	16.42		
20	256QAM	100	0	16.41	16.32	16.24		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.95	21.23	21.19		
15	QPSK	1	37	20.88	21.14	21.17	22.5	0
15	QPSK	1	74	20.95	20.97	20.99		
15	QPSK	36	0	20.06	20.22	20.10		
15	QPSK	36	20	20.11	20.12	20.02	21.5	1
15	QPSK	36	39	20.06	20.05	20.04		
15	QPSK	75	0	20.12	20.18	20.04		
15	16QAM	1	0	20.34	20.37	20.47		
15	16QAM	1	37	20.23	20.43	20.24	21.5	1
15	16QAM	1	74	20.40	20.36	20.50		
15	16QAM	36	0	19.25	19.23	19.15		
15	16QAM	36	20	19.27	19.31	19.18	20.5	2
15	16QAM	36	39	19.15	19.30	19.11		
15	16QAM	75	0	19.21	19.26	19.08		
15	64QAM	1	0	19.15	19.13	19.10		
15	64QAM	1	37	19.06	19.18	19.03	20.5	2
15	64QAM	1	74	19.10	19.17	19.20		
15	64QAM	36	0	18.10	18.28	18.20		
15	64QAM	36	20	18.22	18.28	18.35	19.5	3
15	64QAM	36	39	18.34	18.34	18.14		
15	64QAM	75	0	18.27	18.19	18.23		
15	256QAM	1	0	16.34	16.20	16.14		
15	256QAM	1	37	16.10	16.32	16.16	17.5	5
15	256QAM	1	74	16.15	16.16	16.16		
15	256QAM	36	0	16.12	16.33	16.15		
15	256QAM	36	20	16.17	16.36	16.12	17.5	5
15	256QAM	36	39	16.35	16.25	16.23		
15	256QAM	75	0	16.30	16.24	16.07		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.99	21.21	21.19		
10	QPSK	1	25	20.84	21.15	21.08	22.5	0
10	QPSK	1	49	20.92	21.01	21.05		
10	QPSK	25	0	20.08	20.24	19.95		
10	QPSK	25	12	20.10	20.17	20.09	21.5	1
10	QPSK	25	25	20.15	20.04	19.98		
10	QPSK	50	0	20.09	20.23	20.07		
10	16QAM	1	0	20.31	20.30	20.45		
10	16QAM	1	25	20.26	20.41	20.22	21.5	1
10	16QAM	1	49	20.31	20.43	20.47		
10	16QAM	25	0	19.13	19.21	19.16		
10	16QAM	25	12	19.19	19.26	19.22	20.5	2
10	16QAM	25	25	19.20	19.34	19.20		
10	16QAM	50	0	19.27	19.17	19.02		
10	64QAM	1	0	19.07	19.06	19.06		
10	64QAM	1	25	19.05	19.13	19.03	20.5	2
10	64QAM	1	49	19.02	19.09	19.06		
10	64QAM	25	0	18.18	18.26	18.22		
10	64QAM	25	12	18.22	18.23	18.27	19.5	3
10	64QAM	25	25	18.37	18.40	18.23		
10	64QAM	50	0	18.27	18.17	18.34		
10	256QAM	1	0	16.33	16.13	16.01		
10	256QAM	1	25	16.13	16.21	16.19	17.5	5
10	256QAM	1	49	16.14	16.12	16.21		
10	256QAM	25	0	16.26	16.20	16.19		
10	256QAM	25	12	16.16	16.26	16.07	17.5	5
10	256QAM	25	25	16.25	16.24	16.24		
10	256QAM	50	0	16.31	16.20	16.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.08	21.13	21.13		
5	QPSK	1	12	20.77	21.06	21.16	22.5	0
5	QPSK	1	24	20.95	21.05	21.14		
5	QPSK	12	0	20.15	20.23	20.05		
5	QPSK	12	7	20.03	20.14	20.08	21.5	1
5	QPSK	12	13	20.19	20.08	20.03		
5	QPSK	25	0	20.18	20.15	20.09		
5	16QAM	1	0	20.34	20.35	20.49		
5	16QAM	1	12	20.25	20.35	20.13	21.5	1
5	16QAM	1	24	20.32	20.43	20.50		
5	16QAM	12	0	19.12	19.25	19.08		
5	16QAM	12	7	19.14	19.22	19.14	20.5	2
5	16QAM	12	13	19.09	19.29	19.18		
5	16QAM	25	0	19.26	19.16	19.05		
5	64QAM	1	0	19.16	19.19	19.18		
5	64QAM	1	12	19.01	19.12	19.12	20.5	2
5	64QAM	1	24	19.04	19.08	19.14		
5	64QAM	12	0	18.19	18.23	18.20		
5	64QAM	12	7	18.28	18.32	18.31	19.5	3
5	64QAM	12	13	18.30	18.28	18.14		
5	64QAM	25	0	18.31	18.15	18.27		
5	256QAM	1	0	16.38	16.22	16.01		
5	256QAM	1	12	16.09	16.18	16.05	17.5	5
5	256QAM	1	24	16.22	16.11	16.28		
5	256QAM	12	0	16.26	16.29	16.21		
5	256QAM	12	7	16.18	16.26	16.14	17.5	5
5	256QAM	12	13	16.29	16.19	16.26		
5	256QAM	25	0	16.27	16.14	16.08		

Reduced Power Mode for ECI6

GSM850 Ant0	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	31.87	31.95	31.92	33.50	22.87	22.95	22.92	24.50
GPRS 1 Tx slot	31.77	31.86	31.74	33.50	22.77	22.86	22.74	24.50
GPRS 2 Tx slots	28.85	28.88	28.81	29.50	22.85	22.88	22.81	23.50
GPRS 3 Tx slots	27.13	27.17	27.04	28.00	22.87	22.91	22.78	23.74
GPRS 4 Tx slots	25.88	25.94	25.88	27.50	22.88	22.94	22.88	24.50
EDGE 1 Tx slot	26.34	26.40	26.26	27.50	17.34	17.40	17.26	18.50
EDGE 2 Tx slots	25.11	25.22	25.17	26.00	19.11	19.22	19.17	20.00
EDGE 3 Tx slots	23.03	23.07	23.03	24.00	18.77	18.81	18.77	19.74
EDGE 4 Tx slots	21.78	21.85	21.71	23.00	18.78	18.85	18.71	20.00

GSM1900 Ant0	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	28.51	28.55	28.49	29.50	19.51	19.55	19.49	20.50
GPRS 1 Tx slot	28.40	28.50	28.42	29.50	19.40	19.50	19.42	20.50
GPRS 2 Tx slots	25.40	25.52	25.40	26.50	19.40	19.52	19.40	20.50
GPRS 3 Tx slots	23.67	23.78	23.72	25.00	19.41	19.52	19.46	20.74
GPRS 4 Tx slots	22.68	22.71	22.60	24.00	19.68	19.71	19.60	21.00
EDGE 1 Tx slot	24.46	24.60	24.52	25.50	15.46	15.60	15.52	16.50
EDGE 2 Tx slots	23.22	23.26	23.14	24.00	17.22	17.26	17.14	18.00
EDGE 3 Tx slots	20.70	20.81	20.78	22.00	16.44	16.55	16.52	17.74
EDGE 4 Tx slots	19.00	19.06	18.99	20.00	16.00	16.06	15.99	17.00

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			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	20.81	20.99	20.97	22.00	20.95	20.96	20.84	22.00	22.19	22.27	22.11	23.00
3GPP Rel 99	RMC 12.2Kbps	20.88	21.00	20.98	22.00	20.97	20.99	20.86	22.00	22.21	22.28	22.12	23.00
3GPP Rel 6	HSDPA Subtest-1	19.95	20.12	19.73	21.00	19.85	19.80	19.90	21.00	21.24	21.28	21.21	22.00
3GPP Rel 6	HSDPA Subtest-2	19.67	20.11	19.70	21.00	19.75	19.81	19.94	21.00	21.15	21.20	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	19.48	19.34	19.21	20.50	19.46	19.53	19.48	20.50	20.81	20.85	20.72	21.50
3GPP Rel 6	HSDPA Subtest-4	19.43	19.42	19.30	20.50	19.60	19.35	19.50	20.50	20.80	20.73	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.87	20.12	19.69	21.00	19.63	19.97	19.72	21.00	21.31	21.25	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.68	20.14	20.04	21.00	19.86	20.10	19.92	21.00	21.25	21.34	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.16	19.55	19.28	20.50	19.26	19.56	19.43	20.50	20.75	20.75	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.49	19.38	19.33	20.50	19.58	19.45	19.23	20.50	20.83	20.71	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	19.93	20.10	19.91	21.00	20.07	20.09	19.71	21.00	21.34	21.37	21.00	22.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.92	17.97	19.00	18.11	17.71	17.96	19.00	19.12	19.30	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	19.00	18.72	18.76	20.00	18.92	18.92	18.89	20.00	20.13	20.39	20.01	21.00
3GPP Rel 6	HSUPA Subtest-4	18.00	17.86	17.64	19.00	17.74	18.09	17.98	19.00	19.26	19.38	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	19.89	19.70	20.02	21.00	20.11	19.71	19.63	21.00	21.32	21.28	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.44	17.47	17.57	18.50	17.46	17.17	17.03	18.50	18.64	18.86	18.75	19.50

Band 2 Ant0

BW [MHz]	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	20.20	20.24	20.21		
20	QPSK	1	49	20.12	20.08	20.13	21.3	0
20	QPSK	1	99	20.19	20.10	20.06		
20	QPSK	50	0	20.17	20.23	20.21		
20	QPSK	50	24	20.17	20.09	20.18	21.3	0
20	QPSK	50	50	20.13	20.03	20.11		
20	QPSK	100	0	20.19	20.22	20.20		
20	16QAM	1	0	20.20	20.22	20.23		
20	16QAM	1	49	20.13	20.13	20.13	21.3	0
20	16QAM	1	99	20.13	20.04	20.10		
20	16QAM	50	0	19.23	19.36	19.45		
20	16QAM	50	24	19.48	19.39	19.39	20.3	1
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.39	19.33		
20	64QAM	1	49	19.29	19.44	19.38	20.3	1
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33		
20	64QAM	50	24	18.47	18.35	18.51	19.3	2
20	64QAM	50	50	18.26	18.35	18.35		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26		
20	256QAM	1	49	16.37	16.39	16.25	17.3	4
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24		
20	256QAM	50	24	16.21	16.26	16.19	17.3	4
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.08	20.04	20.16		
15	QPSK	1	37	19.98	19.98	19.98	21.3	0
15	QPSK	1	74	20.14	19.90	19.86		
15	QPSK	36	0	20.13	20.04	20.13		
15	QPSK	36	20	20.03	19.98	19.98	21.3	0
15	QPSK	36	39	20.09	19.87	19.90		
15	QPSK	75	0	20.11	20.01	20.11		
15	16QAM	1	0	20.03	20.05	20.07		
15	16QAM	1	37	19.93	19.99	19.98	21.3	0
15	16QAM	1	74	20.02	19.91	20.04		
15	16QAM	36	0	19.07	19.14	19.26		
15	16QAM	36	20	19.41	19.34	19.23	20.3	1
15	16QAM	36	39	19.35	19.25	19.14		
15	16QAM	75	0	19.33	19.15	19.22		
15	64QAM	1	0	19.38	19.31	19.31		
15	64QAM	1	37	19.12	19.24	19.27	20.3	1
15	64QAM	1	74	19.36	19.19	19.23		
15	64QAM	36	0	18.28	18.31	18.26		
15	64QAM	36	20	18.36	18.14	18.35	19.3	2
15	64QAM	36	39	18.11	18.23	18.26		
15	64QAM	75	0	18.25	18.16	18.10		
15	256QAM	1	0	16.07	16.17	16.21		
15	256QAM	1	37	16.19	16.16	16.12	17.3	4
15	256QAM	1	74	16.23	16.41	16.32		
15	256QAM	36	0	16.27	16.27	16.13		
15	256QAM	36	20	16.13	16.18	16.05	17.3	4
15	256QAM	36	39	16.20	16.16	16.31		
15	256QAM	75	0	16.26	16.17	15.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.04	20.04	20.18		
10	QPSK	1	25	19.91	19.90	19.98	21.3	0
10	QPSK	1	49	20.01	19.90	20.00		
10	QPSK	25	0	19.98	20.16	20.08		
10	QPSK	25	12	20.14	19.96	20.00	21.3	0
10	QPSK	25	25	20.00	19.77	19.95		
10	QPSK	50	0	20.15	20.20	20.02		
10	16QAM	1	0	20.08	20.02	20.08		
10	16QAM	1	25	19.95	20.11	19.98	21.3	0
10	16QAM	1	49	20.09	19.97	19.99		
10	16QAM	25	0	19.20	19.22	19.36		
10	16QAM	25	12	19.46	19.25	19.26	20.3	1
10	16QAM	25	25	19.31	19.34	19.12		
10	16QAM	50	0	19.38	19.27	19.35		
10	64QAM	1	0	19.28	19.24	19.21		
10	64QAM	1	25	19.18	19.31	19.30	20.3	1
10	64QAM	1	49	19.24	19.31	19.25		
10	64QAM	25	0	18.35	18.25	18.29		
10	64QAM	25	12	18.38	18.16	18.30	19.3	2
10	64QAM	25	25	18.23	18.23	18.25		
10	64QAM	50	0	18.16	18.23	18.09		
10	256QAM	1	0	16.10	16.18	16.22		
10	256QAM	1	25	16.18	16.20	16.14	17.3	4
10	256QAM	1	49	16.30	16.35	16.34		
10	256QAM	25	0	16.18	16.10	16.03		
10	256QAM	25	12	16.17	16.22	16.02	17.3	4
10	256QAM	25	25	16.18	16.22	16.40		
10	256QAM	50	0	16.22	16.23	16.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.17	20.09	19.99		
5	QPSK	1	12	19.93	19.95	19.94	21.3	0
5	QPSK	1	24	20.17	20.04	19.86		
5	QPSK	12	0	19.99	20.18	20.03		
5	QPSK	12	7	20.12	19.96	20.15	21.3	0
5	QPSK	12	13	19.96	19.99	20.00		
5	QPSK	25	0	20.05	20.11	20.00		
5	16QAM	1	0	20.01	20.14	20.02		
5	16QAM	1	12	20.00	19.96	20.06	21.3	0
5	16QAM	1	24	19.92	19.85	20.05		
5	16QAM	12	0	19.09	19.22	19.34		
5	16QAM	12	7	19.44	19.18	19.31	20.3	1
5	16QAM	12	13	19.34	19.25	19.17		
5	16QAM	25	0	19.32	19.31	19.22		
5	64QAM	1	0	19.40	19.18	19.14		
5	64QAM	1	12	19.26	19.39	19.19	20.3	1
5	64QAM	1	24	19.36	19.35	19.17		
5	64QAM	12	0	18.33	18.34	18.18		
5	64QAM	12	7	18.40	18.32	18.32	19.3	2
5	64QAM	12	13	18.19	18.17	18.25		
5	64QAM	25	0	18.18	18.19	18.04		
5	256QAM	1	0	16.15	16.26	16.23		
5	256QAM	1	12	16.34	16.36	16.19	17.3	4
5	256QAM	1	24	16.28	16.34	16.36		
5	256QAM	12	0	16.28	16.27	16.18		
5	256QAM	12	7	16.04	16.06	16.11	17.3	4
5	256QAM	12	13	16.19	16.36	16.33		
5	256QAM	25	0	16.32	16.17	16.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.08	20.08	20.05		
3	QPSK	1	8	20.08	19.96	20.03	21.3	0
3	QPSK	1	14	20.12	19.90	19.96		
3	QPSK	8	0	20.05	20.05	20.06		
3	QPSK	8	4	20.02	19.88	20.12	21.3	0
3	QPSK	8	7	20.01	19.90	20.03		
3	QPSK	15	0	20.05	20.05	19.98		
3	16QAM	1	0	20.12	20.18	20.06		
3	16QAM	1	8	20.06	19.93	20.00	21.3	0
3	16QAM	1	14	19.93	19.98	19.90		
3	16QAM	8	0	19.17	19.21	19.28		
3	16QAM	8	4	19.27	19.27	19.32	20.3	1
3	16QAM	8	7	19.33	19.24	19.17		
3	16QAM	15	0	19.25	19.13	19.30		
3	64QAM	1	0	19.43	19.21	19.24		
3	64QAM	1	8	19.25	19.34	19.29	20.3	1
3	64QAM	1	14	19.23	19.21	19.26		
3	64QAM	8	0	18.40	18.34	18.13		
3	64QAM	8	4	18.32	18.33	18.32	19.3	2
3	64QAM	8	7	18.09	18.36	18.25		
3	64QAM	15	0	18.26	18.24	18.02		
3	256QAM	1	0	16.02	16.25	16.09		
3	256QAM	1	8	16.21	16.20	16.12	17.3	4
3	256QAM	1	14	16.20	16.26	16.27		
3	256QAM	8	0	16.21	16.24	16.14		
3	256QAM	8	4	16.22	16.22	16.11	17.3	4
3	256QAM	8	7	16.26	16.31	16.45		
3	256QAM	15	0	16.31	16.16	16.04		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.13	20.07	20.01		
1.4	QPSK	1	3	20.05	19.86	20.04		
1.4	QPSK	1	5	19.98	20.02	19.85	21.3	0
1.4	QPSK	3	0	19.97	20.08	19.99		
1.4	QPSK	3	1	19.96	19.93	20.05		
1.4	QPSK	3	3	20.07	19.95	20.07		
1.4	QPSK	6	0	20.09	20.19	19.99	21.3	0
1.4	16QAM	1	0	20.09	20.16	20.18		
1.4	16QAM	1	3	20.00	19.94	19.96		
1.4	16QAM	1	5	19.93	19.99	19.95	21.3	0
1.4	16QAM	3	0	20.17	20.21	20.08		
1.4	16QAM	3	1	20.02	20.03	20.05		
1.4	16QAM	3	3	20.10	19.92	19.90		
1.4	16QAM	6	0	19.32	19.30	19.22	20.3	1
1.4	64QAM	1	0	19.39	19.34	19.25		
1.4	64QAM	1	3	19.16	19.42	19.28		
1.4	64QAM	1	5	19.33	19.26	19.11	20.3	1
1.4	64QAM	3	0	19.17	19.26	19.24		
1.4	64QAM	3	1	19.43	19.18	19.35		
1.4	64QAM	3	3	19.36	19.28	19.25		
1.4	64QAM	6	0	18.23	18.10	18.07	19.3	2
1.4	256QAM	1	0	16.05	16.29	16.15		
1.4	256QAM	1	3	16.18	16.23	16.13		
1.4	256QAM	1	5	16.28	16.32	16.35	17.3	4
1.4	256QAM	3	0	16.25	16.11	16.16		
1.4	256QAM	3	1	16.11	16.05	15.99		
1.4	256QAM	3	3	16.26	16.19	16.28		
1.4	256QAM	6	0	16.27	16.12	16.03	17.3	4

Band 4 Ant0

BW [MHz]	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	20.18	20.29	20.20		
20	QPSK	1	49	20.25	20.20	20.06	21.5	0
20	QPSK	1	99	20.19	20.10	20.10		
20	QPSK	50	0	20.19	20.28	20.15		
20	QPSK	50	24	20.15	20.15	20.11	21.5	0
20	QPSK	50	50	20.24	20.19	20.03		
20	QPSK	100	0	20.19	20.27	20.21		
20	16QAM	1	0	20.23	20.18	20.16		
20	16QAM	1	49	20.16	20.17	20.09	21.5	0
20	16QAM	1	99	20.25	20.17	20.08		
20	16QAM	50	0	19.62	19.56	19.64		
20	16QAM	50	24	19.64	19.67	19.61	20.5	1
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92		
20	64QAM	1	49	19.87	19.89	19.88	20.5	1
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70		
20	64QAM	50	24	18.49	18.58	18.58	19.5	2
20	64QAM	50	50	18.53	18.70	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.62	16.57	16.61		
20	256QAM	1	49	16.61	16.71	16.44	17.5	4
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63		
20	256QAM	50	24	16.52	16.40	16.40	17.5	4
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.02	20.08	20.06		
15	QPSK	1	37	20.14	20.00	20.03	21.5	0
15	QPSK	1	74	20.08	20.13	20.03		
15	QPSK	36	0	20.11	20.11	19.99		
15	QPSK	36	20	19.95	19.94	19.95	21.5	0
15	QPSK	36	39	20.14	19.99	19.83		
15	QPSK	75	0	20.17	20.12	20.04		
15	16QAM	1	0	20.09	20.11	20.00		
15	16QAM	1	37	20.02	20.05	19.91	21.5	0
15	16QAM	1	74	20.16	20.02	19.88		
15	16QAM	36	0	19.43	19.37	19.46		
15	16QAM	36	20	19.56	19.62	19.45	20.5	1
15	16QAM	36	39	19.56	19.56	19.41		
15	16QAM	75	0	19.50	19.41	19.45		
15	64QAM	1	0	19.65	19.63	19.86		
15	64QAM	1	37	19.80	19.86	19.84	20.5	1
15	64QAM	1	74	19.80	19.49	19.53		
15	64QAM	36	0	18.48	18.38	18.58		
15	64QAM	36	20	18.28	18.53	18.39	19.5	2
15	64QAM	36	39	18.50	18.52	18.28		
15	64QAM	75	0	18.56	18.43	18.52		
15	256QAM	1	0	16.45	16.49	16.57		
15	256QAM	1	37	16.43	16.56	16.39	17.5	4
15	256QAM	1	74	16.59	16.34	16.32		
15	256QAM	36	0	16.42	16.28	16.44		
15	256QAM	36	20	16.32	16.35	16.38	17.5	4
15	256QAM	36	39	16.36	16.56	16.34		
15	256QAM	75	0	16.02	16.11	16.18		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.06	20.12	20.10		
10	QPSK	1	25	20.12	20.05	19.99	21.5	0
10	QPSK	1	49	20.09	19.98	19.98		
10	QPSK	25	0	19.98	20.21	19.95		
10	QPSK	25	12	19.94	20.06	19.90	21.5	0
10	QPSK	25	25	20.01	20.12	20.01		
10	QPSK	50	0	20.02	20.20	20.13		
10	16QAM	1	0	20.05	19.96	20.02		
10	16QAM	1	25	20.03	19.98	20.05	21.5	0
10	16QAM	1	49	20.04	20.07	20.05		
10	16QAM	25	0	19.49	19.50	19.55		
10	16QAM	25	12	19.44	19.46	19.48	20.5	1
10	16QAM	25	25	19.55	19.53	19.48		
10	16QAM	50	0	19.42	19.39	19.57		
10	64QAM	1	0	19.75	19.63	19.81		
10	64QAM	1	25	19.84	19.85	19.68	20.5	1
10	64QAM	1	49	19.72	19.65	19.56		
10	64QAM	25	0	18.63	18.44	18.66		
10	64QAM	25	12	18.41	18.43	18.42	19.5	2
10	64QAM	25	25	18.47	18.53	18.45		
10	64QAM	50	0	18.42	18.36	18.42		
10	256QAM	1	0	16.48	16.54	16.47		
10	256QAM	1	25	16.49	16.64	16.29	17.5	4
10	256QAM	1	49	16.45	16.33	16.29		
10	256QAM	25	0	16.50	16.39	16.47		
10	256QAM	25	12	16.37	16.33	16.36	17.5	4
10	256QAM	25	25	16.50	16.43	16.47		
10	256QAM	50	0	16.08	16.24	16.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.05	20.16	20.04		
5	QPSK	1	12	20.09	20.11	19.88	21.5	0
5	QPSK	1	24	20.10	20.10	19.92		
5	QPSK	12	0	20.08	20.26	19.98		
5	QPSK	12	7	20.07	20.07	19.94	21.5	0
5	QPSK	12	13	20.19	20.14	19.84		
5	QPSK	25	0	19.99	20.10	20.02		
5	16QAM	1	0	20.12	19.99	20.12		
5	16QAM	1	12	20.06	20.02	20.02	21.5	0
5	16QAM	1	24	20.07	20.02	19.93		
5	16QAM	12	0	19.46	19.38	19.46		
5	16QAM	12	7	19.53	19.50	19.49		
5	16QAM	12	13	19.57	19.49	19.31	20.5	1
5	16QAM	25	0	19.40	19.36	19.52		
5	64QAM	1	0	19.62	19.72	19.89		
5	64QAM	1	12	19.73	19.81	19.79	20.5	1
5	64QAM	1	24	19.73	19.66	19.54		
5	64QAM	12	0	18.65	18.44	18.60		
5	64QAM	12	7	18.38	18.46	18.48	19.5	2
5	64QAM	12	13	18.32	18.59	18.43		
5	64QAM	25	0	18.51	18.38	18.45		
5	256QAM	1	0	16.37	16.40	16.43		
5	256QAM	1	12	16.39	16.51	16.25	17.5	4
5	256QAM	1	24	16.44	16.50	16.41		
5	256QAM	12	0	16.36	16.42	16.44		
5	256QAM	12	7	16.45	16.21	16.21	17.5	4
5	256QAM	12	13	16.40	16.37	16.36		
5	256QAM	25	0	16.12	16.16	16.16		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.13	20.19	20.09		
3	QPSK	1	8	20.09	20.09	19.85	21.5	0
3	QPSK	1	14	20.01	20.07	20.04		
3	QPSK	8	0	20.13	20.17	19.96		
3	QPSK	8	4	20.05	20.03	20.00	21.5	0
3	QPSK	8	7	20.03	20.14	19.82		
3	QPSK	15	0	20.01	20.21	20.14		
3	16QAM	1	0	20.15	20.07	19.99		
3	16QAM	1	8	20.14	20.08	20.05	21.5	0
3	16QAM	1	14	20.22	20.05	19.93		
3	16QAM	8	0	19.44	19.40	19.51		
3	16QAM	8	4	19.59	19.61	19.58	20.5	1
3	16QAM	8	7	19.59	19.56	19.36		
3	16QAM	15	0	19.39	19.39	19.51		
3	64QAM	1	0	19.61	19.66	19.73		
3	64QAM	1	8	19.76	19.80	19.79	20.5	1
3	64QAM	1	14	19.79	19.49	19.62		
3	64QAM	8	0	18.49	18.54	18.60		
3	64QAM	8	4	18.31	18.53	18.48	19.5	2
3	64QAM	8	7	18.31	18.53	18.46		
3	64QAM	15	0	18.50	18.32	18.36		
3	256QAM	1	0	16.45	16.53	16.50		
3	256QAM	1	8	16.45	16.67	16.35	17.5	4
3	256QAM	1	14	16.60	16.49	16.23		
3	256QAM	8	0	16.52	16.41	16.48		
3	256QAM	8	4	16.39	16.32	16.33	17.5	4
3	256QAM	8	7	16.39	16.45	16.48		
3	256QAM	15	0	15.96	16.22	16.34		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.99	20.12	20.17		
1.4	QPSK	1	3	20.12	20.17	19.86		
1.4	QPSK	1	5	20.09	19.99	19.93	21.5	0
1.4	QPSK	3	0	20.01	20.19	20.02		
1.4	QPSK	3	1	19.96	19.96	20.04		
1.4	QPSK	3	3	20.13	20.11	19.90		
1.4	QPSK	6	0	20.02	20.19	20.19	21.5	0
1.4	16QAM	1	0	20.05	20.04	19.96		
1.4	16QAM	1	3	20.03	20.07	19.91		
1.4	16QAM	1	5	20.14	19.97	20.04	21.5	0
1.4	16QAM	3	0	20.09	20.17	20.14		
1.4	16QAM	3	1	20.09	20.05	20.04		
1.4	16QAM	3	3	20.01	20.09	19.98		
1.4	16QAM	6	0	19.36	19.35	19.56	20.5	1
1.4	64QAM	1	0	19.77	19.61	19.86		
1.4	64QAM	1	3	19.78	19.76	19.74		
1.4	64QAM	1	5	19.70	19.48	19.62	20.5	1
1.4	64QAM	3	0	19.50	19.61	19.52		
1.4	64QAM	3	1	19.56	19.59	19.47		
1.4	64QAM	3	3	19.42	19.32	19.55		
1.4	64QAM	6	0	18.42	18.38	18.46	19.5	2
1.4	256QAM	1	0	16.50	16.44	16.43		
1.4	256QAM	1	3	16.49	16.68	16.40		
1.4	256QAM	1	5	16.48	16.42	16.25	17.5	4
1.4	256QAM	3	0	16.36	16.28	16.60		
1.4	256QAM	3	1	16.35	16.23	16.37		
1.4	256QAM	3	3	16.50	16.45	16.47		
1.4	256QAM	6	0	16.05	16.17	16.22	17.5	4

Band 5 Ant0

BW [MHz]	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	22.21	22.32	22.20		
10	QPSK	1	25	22.12	22.12	22.25	24	0
10	QPSK	1	49	22.04	22.19	22.15		
10	QPSK	25	0	21.20	21.26	21.24		
10	QPSK	25	12	21.15	21.21	21.22	23	1
10	QPSK	25	25	21.08	21.08	21.17		
10	QPSK	50	0	21.18	21.23	21.02		
10	16QAM	1	0	21.46	21.50	21.41		
10	16QAM	1	25	21.54	21.56	21.35	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.59	22.50	24	0
10	QPSK	1	25	22.32	22.44	22.38		
10	QPSK	1	49	22.27	22.37	22.44		
10	QPSK	25	0	21.46	21.55	21.53	23	1
10	QPSK	25	12	21.49	21.37	21.52		
10	QPSK	25	25	21.29	21.45	21.51		
10	QPSK	50	0	21.33	21.52	21.21		
10	16QAM	1	0	21.94	21.81	21.73	23	1
10	16QAM	1	25	21.73	21.74	21.70		
10	16QAM	1	49	21.74	21.91	21.79		
10	16QAM	25	0	20.46	20.41	20.26	22	2
10	16QAM	25	12	20.37	20.52	20.56		
10	16QAM	25	25	20.31	20.43	20.36		
10	16QAM	50	0	20.53	20.45	20.49		
10	64QAM	1	0	20.77	20.79	20.84	22	2
10	64QAM	1	25	20.82	20.68	20.66		
10	64QAM	1	49	20.90	20.84	20.76		
10	64QAM	25	0	19.41	19.46	19.32	21	3
10	64QAM	25	12	19.31	19.46	19.36		
10	64QAM	25	25	19.58	19.39	19.51		
10	64QAM	50	0	19.31	19.40	19.40		
10	256QAM	1	0	17.67	17.82	17.78	19	5
10	256QAM	1	25	17.70	17.73	17.90		
10	256QAM	1	49	17.78	17.77	17.78		
10	256QAM	25	0	17.56	17.51	17.39	19	5
10	256QAM	25	12	17.63	17.45	17.56		
10	256QAM	25	25	17.46	17.47	17.52		
10	256QAM	50	0	17.26	17.29	17.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.43	24	0
5	QPSK	1	12	22.28	22.36	22.33		
5	QPSK	1	24	22.14	22.26	22.35		
5	QPSK	12	0	21.42	21.46	21.48	23	1
5	QPSK	12	7	21.37	21.26	21.42		
5	QPSK	12	13	21.23	21.35	21.39		
5	QPSK	25	0	21.28	21.42	21.12		
5	16QAM	1	0	21.83	21.69	21.62	23	1
5	16QAM	1	12	21.62	21.70	21.59		
5	16QAM	1	24	21.65	21.84	21.70		
5	16QAM	12	0	20.33	20.34	20.21	22	2
5	16QAM	12	7	20.29	20.41	20.46		
5	16QAM	12	13	20.25	20.32	20.33		
5	16QAM	25	0	20.42	20.37	20.41		
5	64QAM	1	0	20.64	20.71	20.72	22	2
5	64QAM	1	12	20.73	20.56	20.59		
5	64QAM	1	24	20.78	20.74	20.64		
5	64QAM	12	0	19.38	19.33	19.22	21	3
5	64QAM	12	7	19.19	19.37	19.31		
5	64QAM	12	13	19.54	19.28	19.42		
5	64QAM	25	0	19.26	19.33	19.31		
5	256QAM	1	0	17.63	17.69	17.72	19	5
5	256QAM	1	12	17.66	17.68	17.77		
5	256QAM	1	24	17.67	17.72	17.68		
5	256QAM	12	0	17.50	17.40	17.28	19	5
5	256QAM	12	7	17.54	17.41	17.49		
5	256QAM	12	13	17.37	17.40	17.49		
5	256QAM	25	0	17.18	17.22	17.27		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.41	22.50	22.39	24	0
3	QPSK	1	8	22.20	22.36	22.34		
3	QPSK	1	14	22.14	22.32	22.31		
3	QPSK	8	0	21.35	21.48	21.49	23	1
3	QPSK	8	4	21.41	21.26	21.44		
3	QPSK	8	7	21.16	21.38	21.46		
3	QPSK	15	0	21.23	21.41	21.14		
3	16QAM	1	0	21.91	21.75	21.63	23	1
3	16QAM	1	8	21.63	21.67	21.82		
3	16QAM	1	14	21.62	21.86	21.75		
3	16QAM	8	0	20.36	20.30	20.22	22	2
3	16QAM	8	4	20.34	20.45	20.52		
3	16QAM	8	7	20.22	20.36	20.27		
3	16QAM	15	0	20.45	20.40	20.40		
3	64QAM	1	0	20.73	20.70	20.80	22	2
3	64QAM	1	8	20.74	20.65	20.56		
3	64QAM	1	14	20.84	20.72	20.71		
3	64QAM	8	0	19.28	19.35	19.27	21	3
3	64QAM	8	4	19.18	19.38	19.25		
3	64QAM	8	7	19.45	19.27	19.46		
3	64QAM	15	0	19.20	19.31	19.28		
3	256QAM	1	0	17.58	17.74	17.73	19	5
3	256QAM	1	8	17.59	17.62	17.77		
3	256QAM	1	14	17.71	17.70	17.70		
3	256QAM	8	0	17.51	17.46	17.35	19	5
3	256QAM	8	4	17.54	17.38	17.45		
3	256QAM	8	7	17.39	17.34	17.46		
3	256QAM	15	0	17.22	17.18	17.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.48	22.42	24	0
1.4	QPSK	1	3	22.21	22.35	22.34		
1.4	QPSK	1	5	22.20	22.27	22.35		
1.4	QPSK	3	0	22.36	22.48	22.39		
1.4	QPSK	3	1	22.27	22.40	22.26		
1.4	QPSK	3	3	22.21	22.26	22.35		
1.4	QPSK	6	0	21.28	21.42	21.14	23	1
1.4	16QAM	1	0	21.88	21.74	21.62	23	1
1.4	16QAM	1	3	21.70	21.66	21.64		
1.4	16QAM	1	5	21.66	21.86	21.73		
1.4	16QAM	3	0	21.35	21.44	21.46		
1.4	16QAM	3	1	21.41	21.24	21.42		
1.4	16QAM	3	3	21.18	21.37	21.39		
1.4	16QAM	6	0	20.47	20.34	20.42	22	2
1.4	64QAM	1	0	20.72	20.70	20.74	22	2
1.4	64QAM	1	3	20.70	20.59	20.63		
1.4	64QAM	1	5	20.86	20.73	20.67		
1.4	64QAM	3	0	20.35	20.34	20.19		
1.4	64QAM	3	1	20.24	20.42	20.47		
1.4	64QAM	3	3	20.24	20.33	20.24		
1.4	64QAM	6	0	19.25	19.37	19.35	21	3
1.4	256QAM	1	0	17.62	17.72	17.74	19	5
1.4	256QAM	1	3	17.58	17.66	17.77		
1.4	256QAM	1	5	17.67	17.68	17.67		
1.4	256QAM	3	0	17.45	17.44	17.31		
1.4	256QAM	3	1	17.56	17.37	17.45		
1.4	256QAM	3	3	17.42	17.39	17.39		
1.4	256QAM	6	0	17.17	17.18	17.35	19	5

Band 13 Ant0

BW [MHz]	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		22.85		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.67			
10	QPSK	25	0		21.83		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.75			
10	16QAM	1	0		22.16		23	1
10	16QAM	1	25		22.16			
10	16QAM	1	49		22.06			
10	16QAM	25	0		20.86		22	2
10	16QAM	25	12		21.00			
10	16QAM	25	25		20.92			
10	16QAM	50	0		20.81			
10	64QAM	1	0		21.11		22	2
10	64QAM	1	25		21.10			
10	64QAM	1	49		20.98			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.09			
10	256QAM	25	0		17.81		19	5
10	256QAM	25	12		17.91			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.79	22.79	24	0
5	QPSK	1	12	22.72	22.68	22.73		
5	QPSK	1	24	22.62	22.62	22.61		
5	QPSK	12	0	21.71	21.71	21.70	23	1
5	QPSK	12	7	21.63	21.62	21.61		
5	QPSK	12	13	21.64	21.62	21.60		
5	QPSK	25	0	21.65	21.71	21.70		
5	16QAM	1	0	22.10	22.05	22.06	23	1
5	16QAM	1	12	22.06	22.03	22.04		
5	16QAM	1	24	21.94	22.03	22.01		
5	16QAM	12	0	20.79	20.82	20.82	22	2
5	16QAM	12	7	20.94	20.93	20.96		
5	16QAM	12	13	20.86	20.87	20.79		
5	16QAM	25	0	20.76	20.77	20.69		
5	64QAM	1	0	21.07	21.06	21.03	22	2
5	64QAM	1	12	21.02	21.00	21.05		
5	64QAM	1	24	20.94	20.86	20.94		
5	64QAM	12	0	19.83	19.83	19.87	21	3
5	64QAM	12	7	19.86	19.87	19.80		
5	64QAM	12	13	19.76	19.72	19.75		
5	64QAM	25	0	19.80	19.80	19.80		
5	256QAM	1	0	17.88	17.87	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.87		
5	256QAM	1	24	17.99	18.02	18.05		
5	256QAM	12	0	17.69	17.69	17.68	19	5
5	256QAM	12	7	17.85	17.86	17.80		
5	256QAM	12	13	17.62	17.54	17.59		
5	256QAM	25	0	17.72	17.63	17.70		

Band 17 Ant0

BW [MHz]	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	22.41	22.52	22.45	24	0
10	QPSK	1	25	22.44	22.33	22.48		
10	QPSK	1	49	22.28	22.50	22.23		
10	QPSK	25	0	21.31	21.49	21.46	23	1
10	QPSK	25	12	21.40	21.48	21.42		
10	QPSK	25	25	21.31	21.47	21.42		
10	QPSK	50	0	21.26	21.45	21.42		
10	16QAM	1	0	21.89	21.76	21.87	23	1
10	16QAM	1	25	21.83	21.86	21.68		
10	16QAM	1	49	21.79	21.88	21.69		
10	16QAM	25	0	20.37	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.51	20.60		
10	16QAM	25	25	20.51	20.43	20.64		
10	16QAM	50	0	20.71	20.59	20.67		
10	64QAM	1	0	20.83	20.74	20.86	22	2
10	64QAM	1	25	20.74	20.76	20.60		
10	64QAM	1	49	20.68	20.62	20.61		
10	64QAM	25	0	19.57	19.48	19.39	21	3
10	64QAM	25	12	19.39	19.57	19.41		
10	64QAM	25	25	19.41	19.56	19.33		
10	64QAM	50	0	19.47	19.51	19.36		
10	256QAM	1	0	17.61	17.71	17.58	19	5
10	256QAM	1	25	17.57	17.68	17.64		
10	256QAM	1	49	17.80	17.56	17.63		
10	256QAM	25	0	17.58	17.62	17.59	19	5
10	256QAM	25	12	17.76	17.49	17.48		
10	256QAM	25	25	17.76	17.75	17.57		
10	256QAM	50	0	17.71	17.58	17.52		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.48	22.41	24	0
5	QPSK	1	12	22.31	22.26	22.43		
5	QPSK	1	24	22.20	22.43	22.17		
5	QPSK	12	0	21.20	21.42	21.38	23	1
5	QPSK	12	7	21.34	21.42	21.36		
5	QPSK	12	13	21.24	21.35	21.33		
5	QPSK	25	0	21.21	21.41	21.34		
5	16QAM	1	0	21.78	21.71	21.79	23	1
5	16QAM	1	12	21.73	21.74	21.59		
5	16QAM	1	24	21.71	21.75	21.64		
5	16QAM	12	0	20.32	20.46	20.35	22	2
5	16QAM	12	7	20.26	20.40	20.49		
5	16QAM	12	13	20.39	20.31	20.60		
5	16QAM	25	0	20.59	20.49	20.62		
5	64QAM	1	0	20.75	20.67	20.80	22	2
5	64QAM	1	12	20.66	20.65	20.49		
5	64QAM	1	24	20.61	20.57	20.56		
5	64QAM	12	0	19.47	19.37	19.30	21	3
5	64QAM	12	7	19.33	19.52	19.31		
5	64QAM	12	13	19.36	19.45	19.23		
5	64QAM	25	0	19.34	19.47	19.25		
5	256QAM	1	0	17.54	17.59	17.52	19	5
5	256QAM	1	12	17.50	17.60	17.60		
5	256QAM	1	24	17.72	17.43	17.54		
5	256QAM	12	0	17.48	17.59	17.53	19	5
5	256QAM	12	7	17.67	17.41	17.44		
5	256QAM	12	13	17.72	17.70	17.48		
5	256QAM	25	0	17.60	17.49	17.43		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.22	20.42	20.37	21.3	0
20	QPSK	1	49	20.26	20.16	20.20		
20	QPSK	1	99	20.28	20.15	20.18		
20	QPSK	50	0	20.30	20.38	20.29		
20	QPSK	50	24	20.26	20.13	20.21		
20	QPSK	50	50	20.29	20.31	20.25		
20	QPSK	100	0	20.26	20.36	20.28		
20	16QAM	1	0	20.31	20.33	20.37		
20	16QAM	1	49	20.28	20.15	20.21	21.3	0
20	16QAM	1	99	20.28	20.26	20.23		
20	16QAM	50	0	19.43	19.44	19.43		
20	16QAM	50	24	19.39	19.35	19.47	20.3	1
20	16QAM	50	50	19.50	19.54	19.45		
20	16QAM	100	0	19.51	19.48	19.44		
20	64QAM	1	0	19.61	19.57	19.53		
20	64QAM	1	49	19.67	19.66	19.49	20.3	1
20	64QAM	1	99	19.65	19.54	19.55		
20	64QAM	50	0	18.41	18.51	18.61		
20	64QAM	50	24	18.41	18.52	18.52	19.3	2
20	64QAM	50	50	18.42	18.54	18.61		
20	64QAM	100	0	18.54	18.52	18.51		
20	256QAM	1	0	16.46	16.54	16.46		
20	256QAM	1	49	16.66	16.59	16.52	17.3	4
20	256QAM	1	99	16.61	16.47	16.47		
20	256QAM	50	0	16.46	16.51	16.54		
20	256QAM	50	24	16.54	16.58	16.49	17.3	4
20	256QAM	50	50	16.62	16.62	16.56		
20	256QAM	100	0	16.49	16.47	16.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.14	20.29	20.28	21.3	0
15	QPSK	1	37	20.20	20.03	20.16		
15	QPSK	1	74	20.25	20.12	20.00		
15	QPSK	36	0	20.13	20.28	20.17	21.3	0
15	QPSK	36	20	20.20	20.11	20.14		
15	QPSK	36	39	20.13	20.17	20.10		
15	QPSK	75	0	20.22	20.26	20.14		
15	16QAM	1	0	20.19	20.23	20.21	21.3	0
15	16QAM	1	37	20.25	20.02	20.03		
15	16QAM	1	74	20.17	20.22	20.09		
15	16QAM	36	0	19.31	19.30	19.38	20.3	1
15	16QAM	36	20	19.32	19.26	19.41		
15	16QAM	36	39	19.41	19.47	19.41		
15	16QAM	75	0	19.40	19.44	19.34		
15	64QAM	1	0	19.47	19.40	19.35	20.3	1
15	64QAM	1	37	19.61	19.54	19.34		
15	64QAM	1	74	19.54	19.36	19.44		
15	64QAM	36	0	18.36	18.40	18.49	19.3	2
15	64QAM	36	20	18.36	18.41	18.38		
15	64QAM	36	39	18.29	18.43	18.51		
15	64QAM	75	0	18.42	18.43	18.44		
15	256QAM	1	0	16.31	16.41	16.41	17.3	4
15	256QAM	1	37	16.49	16.49	16.44		
15	256QAM	1	74	16.52	16.32	16.35		
15	256QAM	36	0	16.44	16.40	16.51	17.3	4
15	256QAM	36	20	16.50	16.43	16.31		
15	256QAM	36	39	16.47	16.53	16.43		
15	256QAM	75	0	16.33	16.44	16.34		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.11	20.38	20.20	21.3	0
10	QPSK	1	25	20.09	20.03	20.05		
10	QPSK	1	49	20.23	20.19	20.08		
10	QPSK	25	0	20.16	20.35	20.13	21.3	0
10	QPSK	25	12	20.16	20.03	20.12		
10	QPSK	25	25	20.24	20.19	20.13		
10	QPSK	50	0	20.09	20.30	20.24		
10	16QAM	1	0	20.21	20.20	20.23	21.3	0
10	16QAM	1	25	20.19	20.11	20.06		
10	16QAM	1	49	20.24	20.11	20.15		
10	16QAM	25	0	19.38	19.41	19.29	20.3	1
10	16QAM	25	12	19.34	19.26	19.38		
10	16QAM	25	25	19.48	19.45	19.29		
10	16QAM	50	0	19.48	19.38	19.36		
10	64QAM	1	0	19.52	19.45	19.46	20.3	1
10	64QAM	1	25	19.54	19.59	19.44		
10	64QAM	1	49	19.57	19.42	19.41		
10	64QAM	25	0	18.28	18.42	18.47	19.3	2
10	64QAM	25	12	18.30	18.40	18.40		
10	64QAM	25	25	18.25	18.45	18.58		
10	64QAM	50	0	18.44	18.49	18.43		
10	256QAM	1	0	16.32	16.46	16.34	17.3	4
10	256QAM	1	25	16.50	16.46	16.41		
10	256QAM	1	49	16.53	16.36	16.37		
10	256QAM	25	0	16.38	16.45	16.41	17.3	4
10	256QAM	25	12	16.45	16.55	16.43		
10	256QAM	25	25	16.59	16.59	16.31		
10	256QAM	50	0	16.40	16.30	16.35		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.05	20.36	20.24	21.3	0
5	QPSK	1	12	20.24	20.12	20.08		
5	QPSK	1	24	20.13	20.11	20.11		
5	QPSK	12	0	20.19	20.25	20.17	21.3	0
5	QPSK	12	7	20.12	20.10	20.05		
5	QPSK	12	13	20.23	20.16	20.11		
5	QPSK	25	0	20.21	20.22	20.24		
5	16QAM	1	0	20.23	20.24	20.23	21.3	0
5	16QAM	1	12	20.17	20.11	20.07		
5	16QAM	1	24	20.11	20.15	20.15		
5	16QAM	12	0	19.41	19.30	19.28	20.3	1
5	16QAM	12	7	19.24	19.21	19.44		
5	16QAM	12	13	19.48	19.44	19.28		
5	16QAM	25	0	19.49	19.32	19.41		
5	64QAM	1	0	19.58	19.45	19.42	20.3	1
5	64QAM	1	12	19.65	19.54	19.38		
5	64QAM	1	24	19.63	19.38	19.39		
5	64QAM	12	0	18.30	18.40	18.54	19.3	2
5	64QAM	12	7	18.30	18.39	18.46		
5	64QAM	12	13	18.33	18.45	18.56		
5	64QAM	25	0	18.52	18.35	18.45		
5	256QAM	1	0	16.30	16.50	16.36	17.3	4
5	256QAM	1	12	16.60	16.45	16.46		
5	256QAM	1	24	16.58	16.40	16.40		
5	256QAM	12	0	16.40	16.48	16.45	17.3	4
5	256QAM	12	7	16.48	16.44	16.33		
5	256QAM	12	13	16.45	16.44	16.36		
5	256QAM	25	0	16.44	16.42	16.23		
Channel				26025	26340	26655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.11	20.28	20.32	21.3	0
3	QPSK	1	8	20.23	20.12	20.10		
3	QPSK	1	14	20.22	20.11	20.10		
3	QPSK	8	0	20.22	20.31	20.14	21.3	0
3	QPSK	8	4	20.17	19.99	20.12		
3	QPSK	8	7	20.11	20.15	20.18		
3	QPSK	15	0	20.17	20.26	20.24		
3	16QAM	1	0	20.15	20.30	20.35	21.3	0
3	16QAM	1	8	20.20	20.06	20.18		
3	16QAM	1	14	20.11	20.22	20.18		
3	16QAM	8	0	19.26	19.41	19.37	20.3	1
3	16QAM	8	4	19.31	19.32	19.34		
3	16QAM	8	7	19.44	19.45	19.39		
3	16QAM	15	0	19.48	19.39	19.26		
3	64QAM	1	0	19.59	19.45	19.51	20.3	1
3	64QAM	1	8	19.51	19.56	19.41		
3	64QAM	1	14	19.47	19.40	19.45		
3	64QAM	8	0	18.27	18.46	18.59	19.3	2
3	64QAM	8	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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.51	22.45	24	0
15	QPSK	1	37	22.39	22.49	22.27		
15	QPSK	1	74	22.34	22.20	22.38		
15	QPSK	36	0	21.29	21.48	21.37	23	1
15	QPSK	36	20	21.27	21.27	21.44		
15	QPSK	36	39	21.43	21.32	21.38		
15	QPSK	75	0	21.36	21.45	21.26		
15	16QAM	1	0	21.69	21.78	21.69	23	1
15	16QAM	1	37	21.81	21.84	21.73		
15	16QAM	1	74	21.86	21.83	21.73		
15	16QAM	36	0	20.41	20.52	20.54	22	2
15	16QAM	36	20	20.54	20.44	20.65		
15	16QAM	36	39	20.56	20.49	20.55		
15	16QAM	75	0	20.34	20.47	20.39		
15	64QAM	1	0	20.83	20.77	20.75	22	2
15	64QAM	1	37	20.84	20.68	20.71		
15	64QAM	1	74	20.73	20.89	20.75		
15	64QAM	36	0	19.65	19.53	19.53	21	3
15	64QAM	36	20	19.48	19.44	19.53		
15	64QAM	36	39	19.61	19.64	19.40		
15	64QAM	75	0	19.41	19.50	19.56		
15	256QAM	1	0	17.69	17.78	17.77	19	5
15	256QAM	1	37	17.89	17.67	17.76		
15	256QAM	1	74	17.75	17.84	17.87		
15	256QAM	36	0	17.58	17.63	17.53	19	5
15	256QAM	36	20	17.60	17.65	17.54		
15	256QAM	36	39	17.70	17.66	17.73		
15	256QAM	75	0	17.56	17.60	17.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.44	22.40	22.39	24	0
10	QPSK	1	25	22.34	22.39	22.16		
10	QPSK	1	49	22.28	22.24	22.26		
10	QPSK	25	0	21.24	21.44	21.33	23	1
10	QPSK	25	12	21.23	21.22	21.37		
10	QPSK	25	25	21.37	21.20	21.31		
10	QPSK	50	0	21.28	21.35	21.15		
10	16QAM	1	0	21.62	21.67	21.65	23	1
10	16QAM	1	25	21.74	21.73	21.61		
10	16QAM	1	49	21.74	21.77	21.67		
10	16QAM	25	0	20.37	20.47	20.49	22	2
10	16QAM	25	12	20.44	20.40	20.53		
10	16QAM	25	25	20.51	20.38	20.50		
10	16QAM	50	0	20.28	20.41	20.33		
10	64QAM	1	0	20.76	20.72	20.64	22	2
10	64QAM	1	25	20.75	20.63	20.58		
10	64QAM	1	49	20.67	20.85	20.66		
10	64QAM	25	0	19.59	19.45	19.42	21	3
10	64QAM	25	12	19.38	19.36	19.49		
10	64QAM	25	25	19.55	19.60	19.28		
10	64QAM	50	0	19.34	19.43	19.45		
10	256QAM	1	0	17.57	17.68	17.66	19	5
10	256QAM	1	25	17.80	17.57	17.73		
10	256QAM	1	49	17.68	17.75	17.84		
10	256QAM	25	0	17.50	17.51	17.50	19	5
10	256QAM	25	12	17.55	17.60	17.49		
10	256QAM	25	25	17.64	17.56	17.60		
10	256QAM	50	0	17.49	17.55	17.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.45	22.36	24	0
5	QPSK	1	12	22.33	22.46	22.16		
5	QPSK	1	24	22.27	22.23	22.26		
5	QPSK	12	0	21.22	21.41	21.31	23	1
5	QPSK	12	7	21.18	21.16	21.37		
5	QPSK	12	13	21.37	21.22	21.26		
5	QPSK	25	0	21.29	21.38	21.22		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.74	21.68		
5	16QAM	1	24	21.79	21.79	21.64		
5	16QAM	12	0	20.31	20.43	20.50	22	2
5	16QAM	12	7	20.41	20.34	20.58		
5	16QAM	12	13	20.46	20.37	20.44		
5	16QAM	25	0	20.23	20.41	20.26		
5	64QAM	1	0	20.79	20.71	20.69	22	2
5	64QAM	1	12	20.73	20.63	20.60		
5	64QAM	1	24	20.68	20.81	20.65		
5	64QAM	12	0	19.56	19.49	19.43	21	3
5	64QAM	12	7	19.42	19.41	19.45		
5	64QAM	12	13	19.48	19.51	19.36		
5	64QAM	25	0	19.30	19.38	19.44		
5	256QAM	1	0	17.64	17.66	17.64	19	5
5	256QAM	1	12	17.84	17.60	17.69		
5	256QAM	1	24	17.67	17.74	17.74		
5	256QAM	12	0	17.53	17.54	17.42	19	5
5	256QAM	12	7	17.51	17.62	17.46		
5	256QAM	12	13	17.61	17.60	17.66		
5	256QAM	25	0	17.45	17.51	17.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.43	22.47	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.19		
3	QPSK	1	14	22.29	22.25	22.27		
3	QPSK	8	0	21.20	21.44	21.26	23	1
3	QPSK	8	4	21.16	21.17	21.39		
3	QPSK	8	7	21.38	21.27	21.26		
3	QPSK	15	0	21.26	21.41	21.21		
3	16QAM	1	0	21.61	21.66	21.59	23	1
3	16QAM	1	8	21.75	21.73	21.64		
3	16QAM	1	14	21.82	21.80	21.65		
3	16QAM	8	0	20.34	20.44	20.50	22	2
3	16QAM	8	4	20.42	20.39	20.53		
3	16QAM	8	7	20.48	20.42	20.48		
3	16QAM	15	0	20.27	20.37	20.26		
3	64QAM	1	0	20.78	20.67	20.68	22	2
3	64QAM	1	8	20.79	20.55	20.61		
3	64QAM	1	14	20.62	20.77	20.65		
3	64QAM	8	0	19.55	19.43	19.41	21	3
3	64QAM	8	4	19.36	19.32	19.47		
3	64QAM	8	7	19.57	19.58	19.36		
3	64QAM	15	0	19.29	19.41	19.43		
3	256QAM	1	0	17.65	17.75	17.70	19	5
3	256QAM	1	8	17.85	17.55	17.72		
3	256QAM	1	14	17.63	17.78	17.76		
3	256QAM	8	0	17.49	17.53	17.44	19	5
3	256QAM	8	4	17.51	17.62	17.44		
3	256QAM	8	7	17.59	17.55	17.65		
3	256QAM	15	0	17.51	17.48	17.43		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.39	22.37	24	0
1.4	QPSK	1	3	22.27	22.41	22.19		
1.4	QPSK	1	5	22.22	22.23	22.30		
1.4	QPSK	3	0	22.39	22.44	22.39		
1.4	QPSK	3	1	22.33	22.39	22.16		
1.4	QPSK	3	3	22.22	22.25	22.29		
1.4	QPSK	6	0	21.31	21.40	21.19	23	1
1.4	16QAM	1	0	21.63	21.66	21.62	23	1
1.4	16QAM	1	3	21.70	21.79	21.60		
1.4	16QAM	1	5	21.83	21.75	21.68		
1.4	16QAM	3	0	21.18	21.44	21.32		
1.4	16QAM	3	1	21.14	21.23	21.34		
1.4	16QAM	3	3	21.40	21.28	21.31		
1.4	16QAM	6	0	20.28	20.37	20.28	22	2
1.4	64QAM	1	0	20.77	20.69	20.66	22	2
1.4	64QAM	1	3	20.74	20.63	20.62		
1.4	64QAM	1	5	20.65	20.82	20.65		
1.4	64QAM	3	0	20.37	20.46	20.50		
1.4	64QAM	3	1	20.49	20.32	20.61		
1.4	64QAM	3	3	20.46	20.44	20.50		
1.4	64QAM	6	0	19.37	19.47	19.46	21	3
1.4	256QAM	1	0	17.65	17.68	17.66	19	5
1.4	256QAM	1	3	17.77	17.57	17.66		
1.4	256QAM	1	5	17.69	17.79	17.77		
1.4	256QAM	3	0	17.54	17.60	17.43		
1.4	256QAM	3	1	17.57	17.60	17.44		
1.4	256QAM	3	3	17.65	17.59	17.68		
1.4	256QAM	6	0	17.49	17.56	17.41	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.30	20.31	20.22	21.5	0
20	QPSK	1	49	20.19	20.25	20.27		
20	QPSK	1	99	20.23	20.20	20.12		
20	QPSK	50	0	20.16	20.29	20.14	21.5	0
20	QPSK	50	24	20.21	20.22	20.07		
20	QPSK	50	50	20.25	20.08	20.26		
20	QPSK	100	0	20.11	20.27	20.23		
20	16QAM	1	0	20.20	20.24	20.20	21.5	0
20	16QAM	1	49	20.10	20.18	20.21		
20	16QAM	1	99	20.23	20.16	20.08		
20	16QAM	50	0	19.22	19.26	19.14	20.5	1
20	16QAM	50	24	19.18	19.34	19.36		
20	16QAM	50	50	19.29	19.26	19.36		
20	16QAM	100	0	19.40	19.29	19.41		
20	64QAM	1	0	19.50	19.46	19.37	20.5	1
20	64QAM	1	49	19.47	19.50	19.59		
20	64QAM	1	99	19.57	19.37	19.47		
20	64QAM	50	0	18.27	18.24	18.20	19.5	2
20	64QAM	50	24	18.22	18.12	18.15		
20	64QAM	50	50	18.12	18.22	18.22		
20	64QAM	100	0	18.33	18.26	18.25		
20	256QAM	1	0	16.22	16.32	16.28	17.5	4
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.5	4
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.20	20.20	20.10	21.5	0
15	QPSK	1	37	20.08	20.08	20.18		
15	QPSK	1	74	20.13	20.17	19.98		
15	QPSK	36	0	20.06	20.17	19.96	21.5	0
15	QPSK	36	20	20.15	20.05	19.94		
15	QPSK	36	39	20.20	19.99	20.24		
15	QPSK	75	0	20.04	20.18	20.13		
15	16QAM	1	0	20.05	20.06	20.05	21.5	0
15	16QAM	1	37	20.00	20.05	20.13		
15	16QAM	1	74	20.06	20.08	19.97		
15	16QAM	36	0	19.11	19.19	18.99	20.5	1
15	16QAM	36	20	19.11	19.19	19.21		
15	16QAM	36	39	19.26	19.14	19.28		
15	16QAM	75	0	19.28	19.23	19.30		
15	64QAM	1	0	19.34	19.34	19.32	20.5	1
15	64QAM	1	37	19.40	19.35	19.44		
15	64QAM	1	74	19.55	19.21	19.33		
15	64QAM	36	0	18.20	18.19	18.15	19.5	2
15	64QAM	36	20	18.17	17.99	18.12		
15	64QAM	36	39	18.09	18.09	18.18		
15	64QAM	75	0	18.23	18.14	18.13		
15	256QAM	1	0	16.14	16.20	16.20	17.5	4
15	256QAM	1	37	16.18	16.19	16.16		
15	256QAM	1	74	16.33	16.20	16.24		
15	256QAM	36	0	16.20	16.23	16.24	17.5	4
15	256QAM	36	20	16.34	16.26	16.11		
15	256QAM	36	39	16.15	16.20	16.29		
15	256QAM	75	0	16.08	16.06	16.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.18	20.13	20.08	21.5	0
10	QPSK	1	25	20.08	20.09	20.24		
10	QPSK	1	49	20.05	20.15	20.07		
10	QPSK	25	0	20.04	20.11	20.03	21.5	0
10	QPSK	25	12	20.10	20.19	19.99		
10	QPSK	25	25	20.08	19.91	20.21		
10	QPSK	50	0	19.97	20.24	20.14		
10	16QAM	1	0	20.08	20.18	20.13	21.5	0
10	16QAM	1	25	19.98	20.09	20.18		
10	16QAM	1	49	20.06	19.99	20.06		
10	16QAM	25	0	19.19	19.16	19.11	20.5	1
10	16QAM	25	12	19.01	19.18	19.26		
10	16QAM	25	25	19.13	19.11	19.22		
10	16QAM	50	0	19.27	19.14	19.38		
10	64QAM	1	0	19.43	19.34	19.34	20.5	1
10	64QAM	1	25	19.35	19.40	19.50		
10	64QAM	1	49	19.53	19.33	19.33		
10	64QAM	25	0	18.09	18.08	18.06	19.5	2
10	64QAM	25	12	18.04	17.96	18.03		
10	64QAM	25	25	18.06	18.11	18.15		
10	64QAM	50	0	18.18	18.09	18.22		
10	256QAM	1	0	16.18	16.28	16.16	17.5	4
10	256QAM	1	25	16.09	16.09	16.20		
10	256QAM	1	49	16.18	16.20	16.16		
10	256QAM	25	0	16.12	16.17	16.14	17.5	4
10	256QAM	25	12	16.34	16.33	16.21		
10	256QAM	25	25	16.12	16.23	16.29		
10	256QAM	50	0	16.16	16.18	16.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.17	20.23	20.13	21.5	0
5	QPSK	1	12	20.14	20.21	20.21		
5	QPSK	1	24	20.13	20.12	19.96		
5	QPSK	12	0	20.06	20.26	20.04	21.5	0
5	QPSK	12	7	20.17	20.09	19.96		
5	QPSK	12	13	20.11	19.92	20.21		
5	QPSK	25	0	20.00	20.09	20.06		
5	16QAM	1	0	20.13	20.19	20.12	21.5	0
5	16QAM	1	12	19.93	20.02	20.04		
5	16QAM	1	24	20.14	20.05	20.01		
5	16QAM	12	0	19.05	19.24	19.09	20.5	1
5	16QAM	12	7	19.06	19.18	19.32		
5	16QAM	12	13	19.17	19.12	19.28		
5	16QAM	25	0	19.36	19.21	19.35		
5	64QAM	1	0	19.46	19.42	19.29	20.5	1
5	64QAM	1	12	19.30	19.34	19.49		
5	64QAM	1	24	19.46	19.33	19.37		
5	64QAM	12	0	18.18	18.17	18.07	19.5	2
5	64QAM	12	7	18.17	18.05	18.06		
5	64QAM	12	13	18.01	18.18	18.17		
5	64QAM	25	0	18.31	18.15	18.09		
5	256QAM	1	0	16.13	16.27	16.24	17.5	4
5	256QAM	1	12	16.17	16.15	16.17		
5	256QAM	1	24	16.29	16.19	16.23		
5	256QAM	12	0	16.15	16.08	16.24	17.5	4
5	256QAM	12	7	16.29	16.21	16.16		
5	256QAM	12	13	16.18	16.25	16.24		
5	256QAM	25	0	16.19	16.07	16.20		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.19	20.17	20.10	21.5	0
3	QPSK	1	8	20.03	20.09	20.19		
3	QPSK	1	14	20.17	20.13	19.99		
3	QPSK	8	0	20.00	20.12	20.03	21.5	0
3	QPSK	8	4	20.13	20.08	20.02		
3	QPSK	8	7	20.13	19.98	20.17		
3	QPSK	15	0	20.08	20.11	20.05		
3	16QAM	1	0	20.03	20.18	20.10	21.5	0
3	16QAM	1	8	19.95	20.03	20.07		
3	16QAM	1	14	20.16	19.98	20.03		
3	16QAM	8	0	19.09	19.24	18.97	20.5	1
3	16QAM	8	4	19.12	19.20	19.22		
3	16QAM	8	7	19.18	19.09	19.30		
3	16QAM	15	0	19.37	19.24	19.28		
3	64QAM	1	0	19.48	19.33	19.33	20.5	1
3	64QAM	1	8	19.33	19.46	19.56		
3	64QAM	1	14	19.43	19.32	19.37		
3	64QAM	8	0	18.11	18.07	18.03	19.5	2
3	64QAM	8	4	18.11	18.00	18.05		
3	64QAM	8	7	18.07	18.06	18.10		
3	64QAM	15	0	18.24	18.15	18.07		
3	256QAM	1	0	16.16	16.29	16.13	17.5	4
3	256QAM	1	8	16.17	16.11	16.16		
3	256QAM	1	14	16.34	16.23	16.16		
3	256QAM	8	0	16.13	16.09	16.19	17.5	4
3	256QAM	8	4	16.35	16.29	16.24		
3	256QAM	8	7	16.22	16.26	16.18		
3	256QAM	15	0	16.07	16.20	16.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.20	20.11	21.5	0
1.4	QPSK	1	3	20.17	20.21	20.20		
1.4	QPSK	1	5	20.05	20.13	19.98		
1.4	QPSK	3	0	20.10	20.25	19.98		
1.4	QPSK	3	1	20.05	20.14	20.01		
1.4	QPSK	3	3	20.14	20.05	20.15		
1.4	QPSK	6	0	20.00	20.24	20.09	21.5	0
1.4	16QAM	1	0	20.12	20.11	20.17	21.5	0
1.4	16QAM	1	3	20.07	20.03	20.05		
1.4	16QAM	1	5	20.20	19.99	20.03		
1.4	16QAM	3	0	20.22	20.20	20.19		
1.4	16QAM	3	1	20.13	20.09	20.10		
1.4	16QAM	3	3	20.12	20.09	20.07		
1.4	16QAM	6	0	19.26	19.17	19.25	20.5	1
1.4	64QAM	1	0	19.44	19.41	19.34	20.5	1
1.4	64QAM	1	3	19.35	19.44	19.44		
1.4	64QAM	1	5	19.44	19.29	19.34		
1.4	64QAM	3	0	19.19	19.10	19.00		
1.4	64QAM	3	1	19.13	19.31	19.24		
1.4	64QAM	3	3	19.20	19.11	19.26		
1.4	64QAM	6	0	18.19	18.24	18.08	19.5	2
1.4	256QAM	1	0	16.09	16.24	16.14	17.5	4
1.4	256QAM	1	3	16.18	16.12	16.09		
1.4	256QAM	1	5	16.25	16.18	16.14		
1.4	256QAM	3	0	16.08	16.09	16.23		
1.4	256QAM	3	1	16.32	16.32	16.09		
1.4	256QAM	3	3	16.11	16.28	16.28		
1.4	256QAM	6	0	16.16	16.21	16.14	17.5	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.81	22.92	22.68	24	0
20	QPSK	1	49	22.68	22.87	22.55		
20	QPSK	1	99	22.76	22.89	22.43		
20	QPSK	50	0	21.64	21.89	21.63	23	1
20	QPSK	50	24	21.79	21.78	21.85		
20	QPSK	50	50	21.64	21.78	21.67		
20	QPSK	100	0	21.72	21.86	21.67		
20	16QAM	1	0	22.30	22.18	22.20	23	1
20	16QAM	1	49	22.30	22.14	22.07		
20	16QAM	1	99	22.23	22.09	22.31		
20	16QAM	50	0	20.87	20.87	20.75	22	2
20	16QAM	50	24	20.99	20.95	20.98		
20	16QAM	50	50	20.80	20.93	20.92		
20	16QAM	100	0	20.85	20.96	20.94		
20	64QAM	1	0	21.12	21.14	21.08	22	2
20	64QAM	1	49	21.19	21.21	21.17		
20	64QAM	1	99	21.23	21.09	21.07		
20	64QAM	50	0	19.99	19.87	19.88	21	3
20	64QAM	50	24	19.79	19.96	19.97		
20	64QAM	50	50	19.85	19.80	19.82		
20	64QAM	100	0	19.80	19.82	19.95		
20	256QAM	1	0	18.15	18.13	18.26	19	5
20	256QAM	1	49	18.05	18.21	18.20		
20	256QAM	1	99	18.04	18.19	18.02		
20	256QAM	50	0	18.02	18.01	18.01	19	5
20	256QAM	50	24	18.03	18.07	17.88		
20	256QAM	50	50	18.04	18.10	18.04		
20	256QAM	100	0	17.95	18.02	17.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.48	22.39	24	0
15	QPSK	1	37	22.35	22.44	22.23		
15	QPSK	1	74	22.25	22.26	22.34		
15	QPSK	36	0	21.21	21.35	21.24	23	1
15	QPSK	36	20	21.23	21.19	21.32		
15	QPSK	36	39	21.33	21.22	21.27		
15	QPSK	75	0	21.24	21.38	21.21		
15	16QAM	1	0	21.63	21.69	21.66	23	1
15	16QAM	1	37	21.72	21.78	21.65		
15	16QAM	1	74	21.78	21.73	21.63		
15	16QAM	36	0	20.33	20.44	20.44	22	2
15	16QAM	36

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BW [MHz]	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	21.48	21.51	21.29	22.5	0
20	QPSK	1	49	21.39	21.47	21.24		
20	QPSK	1	99	21.43	21.36	21.13		
20	QPSK	50	0	20.38	20.47	20.32	21.5	1
20	QPSK	50	24	20.20	20.45	20.45		
20	QPSK	50	50	20.38	20.27	20.42		
20	QPSK	100	0	20.32	20.39	20.29		
20	16QAM	1	0	20.44	20.54	20.47	21.5	1
20	16QAM	1	49	20.59	20.62	20.44		
20	16QAM	1	99	20.52	20.54	20.55		
20	16QAM	50	0	19.41	19.46	19.51	20.5	2
20	16QAM	50	24	19.49	19.51	19.57		
20	16QAM	50	50	19.58	19.44	19.47		
20	16QAM	100	0	19.38	19.43	19.50		
20	64QAM	1	0	19.08	19.15	19.08	20.5	2
20	64QAM	1	49	19.03	19.02	19.19		
20	64QAM	1	99	19.07	19.22	19.16		
20	64QAM	50	0	18.54	18.49	18.52	19.5	3
20	64QAM	50	24	18.42	18.51	18.47		
20	64QAM	50	50	18.62	18.54	18.53		
20	64QAM	100	0	18.50	18.42	18.33		
20	256QAM	1	0	16.33	16.36	16.34	17.5	5
20	256QAM	1	49	16.31	16.27	16.25		
20	256QAM	1	99	16.31	16.31	16.34		
20	256QAM	50	0	16.50	16.49	16.44	17.5	5
20	256QAM	50	24	16.51	16.41	16.59		
20	256QAM	50	50	16.61	16.52	16.41		
20	256QAM	100	0	16.27	16.39	16.27		
Channel				37725	38000	38275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.43	21.45	21.21	22.5	0
15	QPSK	1	37	21.29	21.38	21.12		
15	QPSK	1	74	21.33	21.28	21.05		
15	QPSK	36	0	20.30	20.41	20.22	21.5	1
15	QPSK	36	20	20.08	20.35	20.40		
15	QPSK	36	39	20.28	20.16	20.29		
15	QPSK	75	0	20.26	20.36	20.26		
15	16QAM	1	0	20.36	20.47	20.37	21.5	1
15	16QAM	1	37	20.47	20.54	20.36		
15	16QAM	1	74	20.47	20.41	20.44		
15	16QAM	36	0	19.29	19.40	19.48	20.5	2
15	16QAM	36	20	19.42	19.41	19.47		
15	16QAM	36	39	19.47	19.36	19.37		
15	16QAM	75	0	19.27	19.34	19.40		
15	64QAM	1	0	18.98	19.05	19.02	20.5	2
15	64QAM	1	37	18.93	18.93	19.12		
15	64QAM	1	74	19.02	19.16	19.06		
15	64QAM	36	0	18.41	18.43	18.43	19.5	3
15	64QAM	36	20	18.35	18.47	18.42		
15	64QAM	36	39	18.50	18.49	18.46		
15	64QAM	75	0	18.40	18.32	18.24		
15	256QAM	1	0	16.25	16.25	16.23	17.5	5
15	256QAM	1	37	16.26	16.21	16.14		
15	256QAM	1	74	16.22	16.22	16.23		
15	256QAM	36	0	16.38	16.42	16.39	17.5	5
15	256QAM	36	20	16.40	16.29	16.52		
15	256QAM	36	39	16.56	16.42	16.29		
15	256QAM	75	0	16.21	16.30	16.17		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.45	21.39	21.22	22.5	0
10	QPSK	1	25	21.33	21.39	21.21		
10	QPSK	1	49	21.33	21.31	21.07		
10	QPSK	25	0	20.32	20.34	20.27	21.5	1
10	QPSK	25	12	20.16	20.41	20.33		
10	QPSK	25	25	20.27	20.22	20.30		
10	QPSK	50	0	20.28	20.30	20.21		
10	16QAM	1	0	20.41	20.46	20.38	21.5	1
10	16QAM	1	25	20.55	20.50	20.33		
10	16QAM	1	49	20.42	20.48	20.50		
10	16QAM	25	0	19.37	19.40	19.46	20.5	2
10	16QAM	25	12	19.43	19.39	19.52		
10	16QAM	25	25	19.49	19.38	19.39		
10	16QAM	50	0	19.30	19.31	19.43		
10	64QAM	1	0	19.03	19.11	19.04	20.5	2
10	64QAM	1	25	18.98	18.98	19.11		
10	64QAM	1	49	19.02	19.10	19.06		
10	64QAM	25	0	18.41	18.42	18.39	19.5	3
10	64QAM	25	12	18.39	18.40	18.34		
10	64QAM	25	25	18.57	18.46	18.52		
10	64QAM	50	0	18.39	18.35	18.23		
10	256QAM	1	0	16.21	16.31	16.23	17.5	5
10	256QAM	1	25	16.18	16.14	16.21		
10	256QAM	1	49	16.24	16.23	16.24		
10	256QAM	25	0	16.42	16.44	16.35	17.5	5
10	256QAM	25	12	16.44	16.32	16.46		
10	256QAM	25	25	16.48	16.43	16.32		
10	256QAM	50	0	16.17	16.36	16.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.41	21.46	21.22	22.5	0
5	QPSK	1	12	21.35	21.36	21.13		
5	QPSK	1	24	21.32	21.26	21.09		
5	QPSK	12	0	20.32	20.39	20.20	21.5	1
5	QPSK	12	7	20.12	20.37	20.39		
5	QPSK	12	13	20.26	20.20	20.35		
5	QPSK	25	0	20.22	20.35	20.21		
5	16QAM	1	0	20.33	20.42	20.43	21.5	1
5	16QAM	1	12	20.53	20.53	20.33		
5	16QAM	1	24	20.47	20.46	20.50		
5	16QAM	12	0	19.36	19.41	19.42	20.5	2
5	16QAM	12	7	19.44	19.42	19.54		
5	16QAM	12	13	19.53	19.34	19.38		
5	16QAM	25	0	19.30	19.37	19.42		
5	64QAM	1	0	18.98	19.06	19.02	20.5	2
5	64QAM	1	12	18.96	18.98	19.12		
5	64QAM	1	24	19.00	19.12	19.08		
5	64QAM	12	0	18.44	18.44	18.40	19.5	3
5	64QAM	12	7	18.30	18.38	18.34		
5	64QAM	12	13	18.58	18.48	18.44		
5	64QAM	25	0	18.43	18.38	18.26		
5	256QAM	1	0	16.22	16.28	16.27	17.5	5
5	256QAM	1	12	16.27	16.22	16.13		
5	256QAM	1	24	16.23	16.21	16.25		
5	256QAM	12	0	16.45	16.38	16.41	17.5	5
5	256QAM	12	7	16.44	16.33	16.55		
5	256QAM	12	13	16.49	16.39	16.33		
5	256QAM	25	0	16.15	16.31	16.17		

Band 41 Ant0

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	21.59	21.41	21.69	21.33	21.22	22.5	0
20	QPSK	1	49	21.29	21.31	21.58	21.26	21.26		
20	QPSK	1	99	21.22	21.32	21.62	21.29	21.21		
20	QPSK	50	0	20.33	20.38	20.53	20.35	20.39	21.5	1
20	QPSK	50	24	20.51	20.32	20.45	20.52	20.42		
20	QPSK	50	50	20.41	20.50	20.33	20.41	20.45		
20	QPSK	100	0	20.48	20.34	20.49	20.47	20.39		
20	16QAM	1	0	20.51	20.56	20.58	20.55	20.58	21.5	1
20	16QAM	1	49	20.67	20.46	20.46	20.57	20.45		
20	16QAM	1	99	20.69	20.60	20.52	20.51	20.57		
20	16QAM	50	0	19.46	19.59	19.52	19.61	19.53	20.5	2
20	16QAM	50	24	19.62	19.39	19.63	19.55	19.52		
20	16QAM	50	50	19.46	19.52	19.45	19.41	19.50		
20	16QAM	100	0	19.55	19.55	19.45	19.54	19.57		
20	64QAM	1	0	19.32	19.20	19.22	19.20	19.19	20.5	2
20	64QAM	1	49	19.24	19.20	19.24	19.28	19.28		
20	64QAM	1	99	19.22	19.10	19.23	19.25	19.22		
20	64QAM	50	0	18.45	18.51	18.51	18.52	18.53	19.5	3
20	64QAM	50	24	18.62	18.56	18.42	18.54	18.63		
20	64QAM	50	50	18.51	18.50	18.55	18.55	18.54		
20	64QAM	100	0	18.38	18.56	18.43	18.49	18.47		
20	256QAM	1	0	16.26	16.39	16.38	16.38	16.39	17.5	5
20	256QAM	1	49	16.41	16.35	16.49	16.48	16.29		
20	256QAM	1	99	16.34	16.42	16.43	16.41	16.32		
20	256QAM	50	0	16.64	16.56	16.53	16.50	16.63	17.5	5
20	256QAM	50	24	16.51	16.42	16.59	16.61	16.50		
20	256QAM	50	50	16.65	16.49	16.46	16.65	16.58		
20	256QAM	100	0	16.49	16.36	16.44	16.34	16.39		
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	21.55	21.33	21.62	21.20	21.17	23	0
15	QPSK	1	37	21.22	21.23	21.48	21.15	21.22		
15	QPSK	1	74	21.16	21.25	21.50	21.25	21.15		
15	QPSK	36	0	20.28	20.32	20.48	20.26	20.36	21.5	1
15	QPSK	36	20	20.42	20.21	20.32	20.47	20.38		
15	QPSK	36	39	20.36	20.46	20.28	20.37	20.38		
15	QPSK	75	0	20.41	20.23	20.45	20.35	20.35		
15	16QAM	1	0	20.45	20.49	20.47	20.46	20.52	21.5	1
15	16QAM	1	37	20.61	20.33	20.38	20.54	20.40		
15	16QAM	1	74	20.62	20.48	20.49	20.40	20.46		
15	16QAM	36	0	19.40	19.56	19.43	19.56	19.47	20.5	2
15	16QAM	36	20	19.54	19.27	19.55	19.46	19.46		
15	16QAM	36	39	19.35	19.43	19.41	19.35	19.37		
15	16QAM	75	0	19.49	19.43	19.42	19.45	19.51		
15	64QAM	1	0	19.26	19.13	19.10	19.13	19.16	20.5	2
15	64QAM	1	37	19.13	19.12	19.19	19.24	19.21		
15	64QAM	1	74	19.09	19.01	19.18	19.18	19.17		
15	64QAM	36	0	18.39	18.41	18.48	18.47	18.45	19.5	3
15	64QAM	36	20	18.51	18.44	18.32	18.49	18.59		
15	64QAM	36	39	18.38	18.41	18.49	18.49	18.44		
15	64QAM	75	0	18.31	18.48	18.33	18.40	18.34		
15	256QAM	1	0	16.16	16.28	16.26	16.34	16.30	17.5	5
15	256QAM	1	37	16.30	16.29	16.39	16.42	16.20		
15	256QAM	1	74	16.27	16.32	16.32	16.30	16.20		
15	256QAM	36	0	16.51	16.52	16.41	16.47	16.54	17.5	5
15	256QAM	36	20	16.44	16.31	16.55	16.53	16.41		
15	256QAM	36	39	16.53	16.44	16.42	16.58	16.51		
15	256QAM	75	0	16.45	16.30	16.35	16.22	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.51	21.31	21.56	21.22	21.13	23	0
10	QPSK	1	25	21.21	21.27	21.47	21.19	21.14		
10	QPSK	1	49	21.10	21.23	21.51	21.17	21.13		
10	QPSK	25	0	20.26	20.26	20.44	20.26	20.32	21.5	1
10	QPSK	25	12	20.44	20.25	20.42	20.40	20.29		
10	QPSK	25	25	20.37	20.39	20.29	20.37	20.35		
10	QPSK	50	0	20.37	20.28	20.38	20.36	20.27		
10	16QAM	1	0	20.42	20.50	20.54	20.47	20.53	21.5	1
10	16QAM	1	25	20.62	20.39	20.37	20.51	20.39		
10	16QAM	1	49	20.56	20.49	20.42	20.47	20.50		
10	16QAM	25	0	19.39	19.53	19.46	19.57	19.46	20.5	2
10	16QAM	25	12	19.53	19.36	19.52	19.46	19.46		
10	16QAM	25	25	19.40	19.48	19.34	19.36	19.45		
10	16QAM	50	0	19.49	19.51	19.33	19.44	19.48		
10	64QAM	1	0	19.14	19.15	19.19	19.08	19.13	20.5	2
10	64QAM	1	25	19.12	19.09	19.18	19.24	19.18		
10	64QAM	1	49	19.14	19.03	19.15	19.12	19.18		
10	64QAM	25	0	18.35	18.47	18.45	18.49	18.44	19.5	3
10	64QAM	25	12	18.51	18.45	18.33	18.51	18.58		
10	64QAM	25	25	18.41	18.43	18.43	18.50	18.47		
10	64QAM	50	0	18.34	18.47	18.39	18.45	18.36		
10	256QAM	1	0	16.19	16.32	16.32	16.29	16.31	17.5	5
10	256QAM	1	25	16.36	16.31	16.36	16.44	16.17		
10	256QAM	1	49	16.23	16.31	16.37	16.34	16.28		
10	256QAM	25	0	16.61	16.44	16.49	16.46	16.60	17.5	5
10	256QAM	25	12	16.48	16.32	16.53	16.49	16.43		
10	256QAM	25	25	16.56	16.46	16.37	16.54	16.54		
10	256QAM	50	0	16.46	16.27	16.37	16.25	16.34		
Channel				39775	40150	40525	41093	41650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.34	21.61	21.29	21.13	23	0
5	QPSK	1	12	21.21	21.22	21.50	21.16	21.22		
5	QPSK	1	24	21.19	21.19	21.53	21.17	21.11		
5	QPSK	12	0	20.27	20.32	20.48	20.26	20.27	21.5	1
5	QPSK	12	7	20.47	20.29	20.41	20.43	20.32		
5	QPSK	12	13	20.29	20.44	20.28	20.36	20.39		
5	QPSK	25	0	20.36	20.30	20.39	20.43	20.30		
5	16QAM	1	0	20.46	20.47	20.47	20.52	20.45	21.5	1
5	16QAM	1	12	20.59	20.34	20.33	20.48	20.33		
5	16QAM	1	24	20.65	20.50	20.49	20.40	20.50		
5	16QAM	12	0	19.41	19.51	19.45	19.55	19.46	20.5	2
5	16QAM	12	7	19.55	19.34	19.54	19.51	19.43		
5	16QAM	12	13	19.34	19.45	19.40	19.32	19.42		
5	16QAM	25	0	19.43	19.43	19.36	19.41	19.52		
5	64QAM	1	0	19.25	19.13	19.13	19.09	19.08	20.5	2
5	64QAM	1	12	19.18	19.10	19.14	19.17	19.18		
5	64QAM	1	24	19.11	19.03	19.17	19.18	19.15		
5	64QAM	12	0	18.41	18.47	18.46	18.49	18.41	19.5	3
5	64QAM	12	7	18.51	18.47	18.32	18.43	18.55		
5	64QAM	12	13	18.41	18.41	18.50	18.50	18.48		
5	64QAM	25	0	18.31	18.48	18.32	18.37	18.41		
5	256QAM	1	0	16.20	16.33	16.33	16.26	16.28	17.5	5
5	256QAM	1	12	16.37	16.29	16.37	16.36	16.17		
5	256QAM	1	24	16.23	16.38	16.31	16.30	16.23		
5	256QAM	12	0	16.60	16.48	16.49	16.39	16.51	17.5	5
5	256QAM	12	7	16.39	16.34	16.47	16.56	16.40		
5	256QAM	12	13	16.59	16.42	16.37	16.60	16.49		
5	256QAM	25	0	16.42	16.28	16.35	16.26	16.27		

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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	24.51	24.40	24.55	24.31	24.20	25.5	0
20	QPSK	1	49	24.23	24.21	24.46	24.34	24.42		
20	QPSK	1	99	24.43	24.35	24.43	24.13	24.45		
20	QPSK	50	0	23.27	23.39	23.51	23.26	23.48	24.5	1
20	QPSK	50	24	23.39	23.49	23.30	23.38	23.31		
20	QPSK	50	50	23.28	23.27	23.30	23.33	23.36		
20	QPSK	100	0	23.28	23.41	23.43	23.40	23.23		
20	16QAM	1	0	23.67	23.83	23.76	23.73	23.74	24.5	1
20	16QAM	1	49	23.83	23.73	23.89	23.82	23.69		
20	16QAM	1	99	23.68	23.68	23.77	23.85	23.75		
20	16QAM	50	0	22.61	22.42	22.49	22.43	22.43	23.5	2
20	16QAM	50	24	22.58	22.57	22.57	22.53	22.47		
20	16QAM	50	50	22.36	22.44	22.44	22.47	22.51		
20	16QAM	100	0	22.56	22.34	22.46	22.57	22.34		
20	64QAM	1	0	22.42	22.42	22.49	22.36	22.56	23.5	2
20	64QAM	1	49	22.55	22.47	22.61	22.52	22.50		
20	64QAM	1	99	22.55	22.57	22.62	22.38	22.49		
20	64QAM	50	0	21.64	21.43	21.52	21.41	21.39	22.5	3
20	64QAM	50	24	21.62	21.43	21.57	21.41	21.56		
20	64QAM	50	50	21.41	21.63	21.61	21.54	21.49		
20	64QAM	100	0	21.40	21.50	21.41	21.43	21.51		
20	256QAM	1	0	19.38	19.58	19.49	19.42	19.37	20.5	5
20	256QAM	1	49	19.48	19.40	19.38	19.56	19.51		
20	256QAM	1	99	19.47	19.44	19.44	19.52	19.51		
20	256QAM	50	0	19.45	19.44	19.52	19.45	19.48	20.5	5
20	256QAM	50	24	19.49	19.53	19.65	19.59	19.41		
20	256QAM	50	50	19.44	19.62	19.61	19.42	19.62		
20	256QAM	100	0	19.34	19.36	19.42	19.53	19.30		
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	24.44	24.29	24.48	24.20	24.13	26	0
15	QPSK	1	37	24.11	24.11	24.42	24.23	24.38		
15	QPSK	1	74	24.33	24.26	24.37	24.01	24.34		
15	QPSK	36	0	23.16	23.32	23.47	23.21	23.44	24.5	1
15	QPSK	36	20	23.33	23.38	23.21	23.32	23.21		
15	QPSK	36	39	23.24	23.24	23.17	23.26	23.25		
15	QPSK	75	0	23.19	23.36	23.31	23.33	23.19		
15	16QAM	1	0	23.59	23.76	23.70	23.67	23.63	24.5	1
15	16QAM	1	37	23.74	23.70	23.77	23.72	23.65		
15	16QAM	1	74	23.61	23.56	23.74	23.74	23.67		
15	16QAM	36	0	22.55	22.31	22.41	22.32	22.30	23.5	2
15	16QAM	36	20	22.48	22.47	22.52	22.47	22.40		
15	16QAM	36	39	22.30	22.32	22.41	22.44	22.43		
15	16QAM	75	0	22.51	22.23	22.37	22.52	22.22		
15	64QAM	1	0	22.30	22.34	22.41	22.32	22.46	23.5	2
15	64QAM	1	37	22.47	22.40	22.58	22.40	22.45		
15	64QAM	1	74	22.51	22.54	22.55	22.31	22.46		
15	64QAM	36	0	21.54	21.35	21.41	21.34	21.28	22.5	3
15	64QAM	36	20	21.51	21.36	21.47	21.30	21.50		
15	64QAM	36	39	21.34	21.57	21.57	21.44	21.38		
15	64QAM	75	0	21.34	21.46	21.37	21.34	21.42		
15	256QAM	1	0	19.28	19.51	19.43	19.34	19.29	20.5	5
15	256QAM	1	37	19.41	19.30	19.31	19.49	19.48		
15	256QAM	1	74	19.43	19.40	19.37	19.45	19.44		
15	256QAM	36	0	19.40	19.39	19.46	19.35	19.41	20.5	5
15	256QAM	36	20	19.36	19.46	19.57	19.49	19.29		
15	256QAM	36	39	19.34	19.53	19.55	19.35	19.59		
15	256QAM	75	0	19.24	19.27	19.37	19.44	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.39	24.34	24.44	24.25	24.16	26	0
10	QPSK	1	25	24.14	24.12	24.36	24.28	24.34		
10	QPSK	1	49	24.33	24.28	24.32	24.07	24.34		
10	QPSK	25	0	23.22	23.31	23.39	23.22	23.35	24.5	1
10	QPSK	25	12	23.36	23.36	23.19	23.28	23.27		
10	QPSK	25	25	23.20	23.20	23.19	23.22	23.29		
10	QPSK	50	0	23.16	23.31	23.39	23.36	23.19		
10	16QAM	1	0	23.58	23.72	23.66	23.63	23.63	24.5	1
10	16QAM	1	25	23.75	23.69	23.77	23.71	23.57		
10	16QAM	1	49	23.64	23.60	23.64	23.78	23.66		
10	16QAM	25	0	22.57	22.35	22.37	22.31	22.38	23.5	2
10	16QAM	25	12	22.52	22.51	22.47	22.46	22.42		
10	16QAM	25	25	22.30	22.41	22.37	22.40	22.43		
10	16QAM	50	0	22.47	22.24	22.34	22.52	22.22		
10	64QAM

GSM850 Ant1	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	31.45	31.57	31.52	33.00	22.45	22.57	22.52	24.00
GPRS 1 Tx slot	31.43	31.51	31.47	33.00	22.43	22.51	22.47	24.00
GPRS 2 Tx slots	28.45	28.52	28.44	29.50	22.45	22.52	22.44	23.50
GPRS 3 Tx slots	26.71	26.80	26.77	27.50	22.45	22.54	22.51	23.24
GPRS 4 Tx slots	25.64	25.77	25.73	27.00	22.64	22.77	22.73	24.00
EDGE 1 Tx slot	26.13	26.21	26.11	27.50	17.13	17.21	17.11	18.50
EDGE 2 Tx slots	24.86	24.94	24.88	26.00	18.86	18.94	18.88	20.00
EDGE 3 Tx slots	22.83	22.97	22.84	24.00	18.57	18.71	18.58	19.74
EDGE 4 Tx slots	21.57	21.61	21.54	22.50	18.57	18.61	18.54	19.50

GSM1900 Ant1	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	28.83	28.95	28.85	30.50	19.83	19.95	19.85	21.50
GPRS 1 Tx slot	28.77	28.86	28.79	30.50	19.77	19.86	19.79	21.50
GPRS 2 Tx slots	25.82	25.88	25.77	26.50	19.82	19.88	19.77	20.50
GPRS 3 Tx slots	24.00	24.13	24.01	25.00	19.74	19.87	19.75	20.74
GPRS 4 Tx slots	22.77	22.86	22.82	24.50	19.77	19.86	19.82	21.50
EDGE 1 Tx slot	24.69	24.83	24.69	26.00	15.69	15.83	15.69	17.00
EDGE 2 Tx slots	23.44	23.53	23.49	24.50	17.44	17.53	17.49	18.50
EDGE 3 Tx slots	20.81	20.93	20.89	22.00	16.55	16.67	16.63	17.74
EDGE 4 Tx slots	19.49	19.59	19.49	20.50	16.49	16.59	16.49	17.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			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	1752.8		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.60	20.70	20.65	22.00	19.67	19.71	19.59	21.00	21.68	21.72	21.67	23.00
3GPP Rel 99	RMC 12.2Kbps	20.61	20.71	20.67	22.00	19.64	19.75	19.68	21.00	21.71	21.74	21.69	23.00
3GPP Rel 6	HSDPA Subtest-1	19.64	19.39	19.80	21.00	18.71	18.41	18.64	20.00	20.47	20.63	20.68	22.00
3GPP Rel 6	HSDPA Subtest-2	19.63	19.65	19.57	21.00	18.47	18.60	18.55	20.00	20.47	20.56	20.47	22.00
3GPP Rel 6	HSDPA Subtest-3	18.96	19.20	19.08	20.50	17.96	18.00	17.94	19.50	20.05	20.28	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	18.87	19.09	19.07	20.50	18.20	18.14	17.90	19.50	20.25	20.11	20.13	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.60	19.60	19.58	21.00	18.56	18.63	18.61	20.00	20.74	20.75	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.49	19.45	19.53	21.00	18.44	18.55	18.63	20.00	20.47	20.59	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.80	19.08	19.07	20.50	18.11	17.90	17.98	19.50	20.01	20.04	20.02	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.23	19.15	19.17	20.50	18.10	18.25	18.11	19.50	20.07	20.22	20.25	21.50
3GPP Rel 6	HSUPA Subtest-1	19.59	19.71	19.49	21.00	18.70	18.75	18.56	20.00	20.46	20.73	20.48	22.00
3GPP Rel 6	HSUPA Subtest-2	17.41	17.57	17.52	19.00	16.52	16.65	16.51	18.00	18.64	18.63	18.67	20.00
3GPP Rel 6	HSUPA Subtest-3	18.63	18.56	18.59	20.00	17.71	17.48	17.37	19.00	19.60	19.62	19.60	21.00
3GPP Rel 6	HSUPA Subtest-4	17.56	17.56	17.54	19.00	16.47	16.64	16.63	18.00	18.47	18.56	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	19.45	19.74	19.42	21.00	18.68	18.59	18.49	20.00	20.70	20.65	20.71	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.00	17.09	17.05	18.50	15.97	16.03	15.96	17.50	18.14	18.18	17.98	19.50

Band 2 Ant1

BW [MHz]	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	19.00	19.02	18.90	20.1	0
20	QPSK	1	49	18.74	18.77	18.69		
20	QPSK	1	99	18.81	18.99	18.76		
20	QPSK	50	0	18.96	18.97	18.91	20.1	0
20	QPSK	50	24	18.73	18.80	18.67		
20	QPSK	50	50	18.80	18.94	18.76		
20	QPSK	100	0	18.95	19.00	18.87		
20	16QAM	1	0	18.74	18.78	18.69	20.1	0
20	16QAM	1	49	18.87	18.98	18.80		
20	16QAM	1	99	18.90	18.92	18.87		
20	16QAM	50	0	18.84	18.77	18.71	20.1	0
20	16QAM	50	24	18.83	19.00	18.77		
20	16QAM	50	50	18.93	18.92	18.86		
20	16QAM	100	0	18.76	18.79	18.72		
20	64QAM	1	0	18.96	18.97	18.89	20.1	0
20	64QAM	1	49	18.82	18.78	18.76		
20	64QAM	1	99	18.77	18.95	18.76		
20	64QAM	50	0	18.53	18.54	18.42	19.6	0.5
20	64QAM	50	24	18.49	18.59	18.62		
20	64QAM	50	50	18.52	18.57	18.65		
20	64QAM	100	0	18.48	18.60	18.55		
20	256QAM	1	0	16.74	16.64	16.74	17.6	2.5
20	256QAM	1	49	16.70	16.70	16.58		
20	256QAM	1	99	16.68	16.64	16.51		
20	256QAM	50	0	16.64	16.60	16.61	17.6	2.5
20	256QAM	50	24	16.58	16.50	16.55		
20	256QAM	50	50	16.69	16.69	16.55		
20	256QAM	100	0	16.47	16.57	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.96	18.93	18.79	20.1	0
15	QPSK	1	37	18.57	18.66	18.61		
15	QPSK	1	74	18.76	18.86	18.62		
15	QPSK	36	0	18.82	18.91	18.81	20.1	0
15	QPSK	36	20	18.68	18.67	18.53		
15	QPSK	36	39	18.70	18.80	18.72		
15	QPSK	75	0	18.77	18.95	18.79		
15	16QAM	1	0	18.57	18.75	18.65	20.1	0
15	16QAM	1	37	18.81	18.84	18.70		
15	16QAM	1	74	18.73	18.76	18.76		
15	16QAM	36	0	18.80	18.67	18.56	20.1	0
15	16QAM	36	20	18.73	18.84	18.71		
15	16QAM	36	39	18.89	18.83	18.75		
15	16QAM	75	0	18.72	18.73	18.60		
15	64QAM	1	0	18.83	18.94	18.82	20.1	0
15	64QAM	1	37	18.69	18.61	18.62		
15	64QAM	1	74	18.59	18.92	18.66		
15	64QAM	36	0	18.47	18.40	18.32	19.6	0.5
15	64QAM	36	20	18.34	18.51	18.48		
15	64QAM	36	39	18.40	18.54	18.56		
15	64QAM	75	0	18.42	18.47	18.45		
15	256QAM	1	0	16.68	16.58	16.69	17.6	2.5
15	256QAM	1	37	16.58	16.59	16.55		
15	256QAM	1	74	16.53	16.56	16.38		
15	256QAM	36	0	16.50	16.45	16.52	17.6	2.5
15	256QAM	36	20	16.42	16.33	16.51		
15	256QAM	36	39	16.60	16.62	16.43		
15	256QAM	75	0	16.30	16.42	16.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.86	18.89	18.83	20.1	0
10	QPSK	1	25	18.69	18.70	18.63		
10	QPSK	1	49	18.76	18.89	18.66		
10	QPSK	25	0	18.80	18.90	18.76	20.1	0
10	QPSK	25	12	18.62	18.63	18.54		
10	QPSK	25	25	18.72	18.83	18.69		
10	QPSK	50	0	18.79	18.96	18.82		
10	16QAM	1	0	18.63	18.72	18.67	20.1	0
10	16QAM	1	25	18.73	18.88	18.75		
10	16QAM	1	49	18.84	18.76	18.71		
10	16QAM	25	0	18.73	18.66	18.61	20.1	0
10	16QAM	25	12	18.73	18.90	18.74		
10	16QAM	25	25	18.82	18.75	18.72		
10	16QAM	50	0	18.63	18.63	18.66		
10	64QAM	1	0	18.82	18.87	18.75	20.1	0
10	64QAM	1	25	18.69	18.62	18.70		
10	64QAM	1	49	18.63	18.80	18.62		
10	64QAM	25	0	18.43	18.40	18.29	19.6	0.5
10	64QAM	25	12	18.46	18.44	18.44		
10	64QAM	25	25	18.38	18.45	18.48		
10	64QAM	50	0	18.38	18.43	18.45		
10	256QAM	1	0	16.61	16.47	16.69	17.6	2.5
10	256QAM	1	25	16.63	16.60	16.42		
10	256QAM	1	49	16.60	16.60	16.33		
10	256QAM	25	0	16.54	16.57	16.59	17.6	2.5
10	256QAM	25	12	16.43	16.48	16.37		
10	256QAM	25	25	16.53	16.66	16.49		
10	256QAM	50	0	16.31	16.50	16.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.88	18.86	18.85	20.1	0
5	QPSK	1	12	18.67	18.70	18.54		
5	QPSK	1	24	18.74	18.83	18.70		
5	QPSK	12	0	18.83	18.90	18.76	20.1	0
5	QPSK	12	7	18.59	18.68	18.55		
5	QPSK	12	13	18.72	18.77	18.69		
5	QPSK	25	0	18.85	18.82	18.76		
5	16QAM	1	0	18.61	18.66	18.63	20.1	0
5	16QAM	1	12	18.79	18.94	18.63		
5	16QAM	1	24	18.78	18.83	18.74		
5	16QAM	12	0	18.78	18.71	18.55	20.1	0
5	16QAM	12	7	18.67	18.96	18.66		
5	16QAM	12	13	18.83	18.80	18.74		
5	16QAM	25	0	18.58	18.73	18.55		
5	64QAM	1	0	18.88	18.87	18.84	20.1	0
5	64QAM	1	12	18.64	18.62	18.62		
5	64QAM	1	24	18.61	18.86	18.65		
5	64QAM	12	0	18.35	18.43	18.25	19.6	0.5
5	64QAM	12	7	18.44	18.57	18.48		
5	64QAM	12	13	18.48	18.54	18.62		
5	64QAM	25	0	18.39	18.52	18.53		
5	256QAM	1	0	16.63	16.57	16.69	17.6	2.5
5	256QAM	1	12	16.67	16.66	16.56		
5	256QAM	1	24	16.61	16.62	16.45		
5	256QAM	12	0	16.46	16.55	16.46	17.6	2.5
5	256QAM	12	7	16.47	16.47	16.45		
5	256QAM	12	13	16.62	16.61	16.53		
5	256QAM	25	0	16.40	16.41	16.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.85	18.90	18.73	20.1	0
3	QPSK	1	8	18.67	18.68	18.55		
3	QPSK	1	14	18.78	18.84	18.59		
3	QPSK	8	0	18.84	18.85	18.89	20.1	0
3	QPSK	8	4	18.66	18.64	18.57		
3	QPSK	8	7	18.66	18.86	18.67		
3	QPSK	15	0	18.81	18.86	18.82		
3	16QAM	1	0	18.71	18.68	18.64	20.1	0
3	16QAM	1	8	18.74	18.91	18.76		
3	16QAM	1	14	18.79	18.78	18.82		
3	16QAM	8	0	18.78	18.71	18.54	20.1	0
3	16QAM	8	4	18.76	18.86	18.66		
3	16QAM	8	7	18.84	18.78	18.81		
3	16QAM	15	0	18.74	18.62	18.63		
3	64QAM	1	0	18.88	18.86	18.78	20.1	0
3	64QAM	1	8	18.66	18.68	18.62		
3	64QAM	1	14	18.72	18.78	18.66		
3	64QAM	8	0	18.38	18.42	18.24	19.6	0.5
3	64QAM	8	4	18.42	18.56	18.56		
3	64QAM	8	7	18.34	18.40	18.50		
3	64QAM	15	0	18.35	18.58	18.51		
3	256QAM	1	0	16.68	16.53	16.58	17.6	2.5
3	256QAM	1	8	16.58	16.66	16.54		
3	256QAM	1	14	16.66	16.47	16.39		
3	256QAM	8	0	16.52	16.47	16.43	17.6	2.5
3	256QAM	8	4	16.43	16.40	16.45		
3	256QAM	8	7	16.53	16.56	16.49		
3	256QAM	15	0	16.42	16.44	16.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.87	18.95	18.82	20.1	0
1.4	QPSK	1	3	18.61	18.64	18.66		
1.4	QPSK	1	5	18.78	18.90	18.59		
1.4	QPSK	3	0	18.89	18.94	18.88		
1.4	QPSK	3	1	18.56	18.70	18.54		
1.4	QPSK	3	3	18.68	18.86	18.74		
1.4	QPSK	6	0	18.77	18.86	18.73	20.1	0
1.4	16QAM	1	0	18.65	18.74	18.56	20.1	0
1.4	16QAM	1	3	18.71	18.93	18.77		
1.4	16QAM	1	5	18.80	18.90	18.75		
1.4	16QAM	3	0	18.76	18.74	18.62		
1.4	16QAM	3	1	18.76	18.95	18.63		
1.4	16QAM	3	3	18.75	18.86	18.74		
1.4	16QAM	6	0	18.64	18.74	18.61	20.1	0
1.4	64QAM	1	0	18.78	18.82	18.71	20.1	0
1.4	64QAM	1	3	18.74	18.66	18.66		
1.4	64QAM	1	5	18.70	18.82	18.72		
1.4	64QAM	3	0	18.79	18.88	18.79		
1.4	64QAM	3	1	18.81	18.74	18.68		
1.4	64QAM	3	3	18.78	18.94	18.64		
1.4	64QAM	6	0	18.31	18.54	18.42	19.6	0.5
1.4	256QAM	1	0	16.71	16.59	16.63	17.6	2.5
1.4	256QAM	1	3	16.58	16.61	16.42		
1.4	256QAM	1	5	16.52	16.59	16.41		
1.4	256QAM	3	0	16.52	16.43	16.46		
1.4	256QAM	3	1	16.40	16.42	16.44		
1.4	256QAM	3	3	16.51	16.55	16.49		
1.4	256QAM	6	0	16.42	16.47	16.43	17.6	2.5

Band 4 Ant1

BW [MHz]	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	21.15	21.24	21.21	22.5	0
20	QPSK	1	49	21.14	21.20	21.18		
20	QPSK	1	99	21.14	21.11	21.09		
20	QPSK	50	0	20.89	20.90	20.68	22	0.5
20	QPSK	50	24	20.74	20.88	20.87		
20	QPSK	50	50	20.68	20.79	20.80		
20	QPSK	100	0	20.70	20.84	20.66		
20	16QAM	1	0	20.89	20.83	20.92	22	0.5
20	16QAM	1	49	20.93	20.79	20.78		
20	16QAM	1	99	20.76	20.87	20.94		
20	16QAM	50	0	19.82	19.83	19.86	21	1.5
20	16QAM	50	24	19.81	19.92	19.81		
20	16QAM	50	50	19.95	19.79	19.92		
20	16QAM	100	0	19.86	19.80	19.93		
20	64QAM	1	0	19.80	19.84	19.82	21	1.5
20	64QAM	1	49	19.72	19.73	19.92		
20	64QAM	1	99	19.91	19.91	19.83		
20	64QAM	50	0	18.76	18.88	18.80	20	2.5
20	64QAM	50	24	18.80	18.88	18.82		
20	64QAM	50	50	18.90	18.75	18.80		
20	64QAM	100	0	18.85	18.85	18.79		
20	256QAM	1	0	16.96	16.86	16.80	18	4.5
20	256QAM	1	49	16.74	16.94	16.76		
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84	18	4.5
20	256QAM	50	24	16.92	16.96	16.77		
20	256QAM	50	50	16.76	16.86	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.10	21.14	21.13	22.5	0
15	QPSK	1	37	21.03	21.06	21.12		
15	QPSK	1	74	21.10	21.06	21.02		
15	QPSK	36	0	20.72	20.75	20.62	22	0.5
15	QPSK	36	20	20.59	20.85	20.75		
15	QPSK	36	39	20.52	20.70	20.62		
15	QPSK	75	0	20.64	20.80	20.55		
15	16QAM	1	0	20.77	20.77	20.80	22	0.5
15	16QAM	1	37	20.87	20.67	20.66		
15	16QAM	1	74	20.70	20.77	20.89		
15	16QAM	36	0	19.74	19.75	19.71	21	1.5
15	16QAM	36	20	19.63	19.82	19.73		
15	16QAM	36	39	19.92	19.70	19.84		
15	16QAM	75	0	19.72	19.69	19.88		
15	64QAM	1	0	19.66	19.70	19.79	21	1.5
15	64QAM	1	37	19.64	19.65	19.75		
15	64QAM	1	74	19.76	19.81	19.69		
15	64QAM	36	0	18.73	18.75	18.62	20	2.5
15	64QAM	36	20	18.72	18.79	18.65		
15	64QAM	36	39	18.80	18.63	18.71		
15	64QAM	75	0	18.76	18.70	18.64		
15	256QAM	1	0	16.91	16.82	16.63	18	4.5
15	256QAM	1	37	16.69	16.91	16.61		
15	256QAM	1	74	16.76	16.61	16.73		
15	256QAM	36	0	16.73	16.80	16.78	18	4.5
15	256QAM	36	20	16.84	16.88	16.73		
15	256QAM	36	39	16.61	16.76	16.76		
15	256QAM	75	0	16.74	16.77	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.08	21.12	21.13	22.5	0
10	QPSK	1	25	21.11	21.08	21.09		
10	QPSK	1	49	21.03	21.08	21.18		
10	QPSK	25	0	20.82	20.73	20.64	22	0.5
10	QPSK	25	12	20.62	20.80	20.81		
10	QPSK	25	25	20.65	20.62	20.69		
10	QPSK	50	0	20.58	20.79	20.62		
10	16QAM	1	0	20.81	20.80	20.75	22	0.5
10	16QAM	1	25	20.80	20.66	20.65		
10	16QAM	1	49	20.71	20.80	20.88		
10	16QAM	25	0	19.73	19.78	19.84	21	1.5
10	16QAM	25	12	19.75	19.88	19.77		
10	16QAM	25	25	19.88	19.65	19.90		
10	16QAM	50	0	19.76	19.74	19.82		
10	64QAM	1	0	19.74	19.75	19.71	21	1.5
10	64QAM	1	25	19.65	19.60	19.74		
10	64QAM	1	49	19.85	19.87	19.67		
10	64QAM	25	0	18.67	18.71	18.74	20	2.5
10	64QAM	25	12	18.63	18.86	18.68		
10	64QAM	25	25	18.75	18.59	18.75		
10	64QAM	50	0	18.75	18.78	18.76		
10	256QAM	1	0	16.83	16.72	16.63	18	4.5
10	256QAM	1	25	16.62	16.82	16.73		
10	256QAM	1	49	16.70	16.74	16.79		
10	256QAM	25	0	16.70	16.79	16.78	18	4.5
10	256QAM	25	12	16.75	16.78	16.65		
10	256QAM	25	25	16.67	16.74	16.77		
10	256QAM	50	0	16.75	16.75	16.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.11	21.19	22.5	0
5	QPSK	1	12	21.16	21.03	21.01		
5	QPSK	1	24	21.08	21.15	21.04		
5	QPSK	12	0	20.79	20.77	20.53	22	0.5
5	QPSK	12	7	20.65	20.71	20.77		
5	QPSK	12	13	20.53	20.77	20.63		
5	QPSK	25	0	20.55	20.71	20.99		
5	16QAM	1	0	20.81	20.77	20.79	22	0.5
5	16QAM	1	12	20.80	20.63	20.73		
5	16QAM	1	24	20.61	20.82	20.79		
5	16QAM	12	0	19.66	19.77	19.70	21	1.5
5	16QAM	12	7	19.71	19.82	19.64		
5	16QAM	12	13	19.85	19.61	19.84		
5	16QAM	25	0	19.79	19.64	19.83		
5	64QAM	1	0	19.64	19.72	19.66	21	1.5
5	64QAM	1	12	19.61	19.61	19.79		
5	64QAM	1	24	19.81	19.89	19.71		
5	64QAM	12	0	18.66	18.77	18.74	20	2.5
5	64QAM	12	7	18.75	18.79	18.75		
5	64QAM	12	13	18.77	18.70	18.76		
5	64QAM	25	0	18.72	18.83	18.65		
5	256QAM	1	0	16.87	16.73	16.78	18	4.5
5	256QAM	1	12	16.72	16.82	16.60		
5	256QAM	1	24	16.76	16.64	16.80		
5	256QAM	12	0	16.76	16.69	16.68	18	4.5
5	256QAM	12	7	16.77	16.80	16.73		
5	256QAM	12	13	16.62	16.80	16.83		
5	256QAM	25	0	16.78	16.82	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.10	21.17	21.11	22.5	0
3	QPSK	1	8	21.11	21.12	21.13		
3	QPSK	1	14	21.03	21.19	21.03		
3	QPSK	8	0	20.86	20.78	20.64	22	0.5
3	QPSK	8	4	20.64	20.83	20.72		
3	QPSK	8	7	20.58	20.68	20.73		
3	QPSK	15	0	20.65	20.76	20.60		
3	16QAM	1	0	20.83	20.70	20.82	22	0.5
3	16QAM	1	8	20.78	20.66	20.72		
3	16QAM	1	14	20.67	20.76	20.90		
3	16QAM	8	0	19.74	19.76	19.83	21	1.5
3	16QAM	8	4	19.76	19.83	19.71		
3	16QAM	8	7	19.79	19.67	19.75		
3	16QAM	15	0	19.81	19.76	19.78		
3	64QAM	1	0	19.76	19.68	19.68	21	1.5
3	64QAM	1	8	19.57	19.56	19.77		
3	64QAM	1	14	19.78	19.87	19.73		
3	64QAM	8	0	18.67	18.75	18.71	20	2.5
3	64QAM	8	4	18.75	18.82	18.76		
3	64QAM	8	7	18.73	18.65	18.65		
3	64QAM	15	0	18.79	18.78	18.66		
3	256QAM	1	0	16.87	16.80	16.66	18	4.5
3	256QAM	1	8	16.70	16.90	16.65		
3	256QAM	1	14	16.79	16.70	16.81		
3	256QAM	8	0	16.64	16.78	16.81	18	4.5
3	256QAM	8	4	16.87	16.90	16.69		
3	256QAM	8	7	16.71	16.81	16.78		
3	256QAM	15	0	16.62	16.81	16.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.13	21.10	22.5	0
1.4	QPSK	1	3	21.11	21.14	21.05		
1.4	QPSK	1	5	21.08	21.09	21.03		
1.4	QPSK	3	0	21.12	21.15	21.05		
1.4	QPSK	3	1	21.08	21.16	21.10		
1.4	QPSK	3	3	21.00	21.05	21.02		
1.4	QPSK	6	0	20.79	20.69	20.60	22	0.5
1.4	16QAM	1	0	20.53	20.67	20.62	22	0.5
1.4	16QAM	1	3	20.55	20.54	20.60		
1.4	16QAM	1	5	20.57	20.59	20.94		
1.4	16QAM	3	0	20.67	20.63	20.73		
1.4	16QAM	3	1	20.62	20.54	20.55		
1.4	16QAM	3	3	20.59	20.60	20.78		
1.4	16QAM	6	0	19.65	19.73	19.79	21	1.5
1.4	64QAM	1	0	19.68	19.78	19.55	21	1.5
1.4	64QAM	1	3	19.70	19.59	19.61		
1.4	64QAM	1	5	19.78	19.66	19.62		
1.4	64QAM	3	0	19.65	19.52	19.55		
1.4	64QAM	3	1	19.63	19.75	19.63		
1.4	64QAM	3	3	19.73	19.69	19.57		
1.4	64QAM	6	0	18.52	18.58	18.56	20	2.5
1.4	256QAM	1	0	16.78	16.90	16.95	18	4.5
1.4	256QAM	1	3	16.70	16.83	16.53		
1.4	256QAM	1	5	16.65	16.65	16.75		
1.4	256QAM	3	0	16.81	16.64	16.58		
1.4	256QAM	3	1	16.84	16.88	16.64		
1.4	256QAM	3	3	16.71	16.79	16.82		
1.4	256QAM	6	0	16.72	16.70	16.91	18	4.5

Band 5 Ant1

BW [MHz]	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	21.79	21.83	21.76	23	0
10	QPSK	1	25	21.74	21.76	21.62		
10	QPSK	1	49	21.69	21.68	21.69		
10	QPSK	25	0	20.67	20.78	20.66	22	1
10	QPSK	25	12	20.72	20.61	20.70		
10	QPSK	25	25	20.62	20.57	20.59		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.83	20.81	20.83	22	1
10	16QAM	1	25	20.76	20.81	20.75		
10	16QAM	1	49	20.72	20.78	20.70		
10	16QAM	25	0	19.74	19.70	19.72	21	2
10	16QAM	25	12	19.65	19.65	19.61		
10	16QAM	25	25	19.72	19.79	19.64		
10	16QAM	50	0	19.78	19.72	19.82		
10	64QAM	1	0	19.83	19.75	19.82	21	2
10	64QAM	1	25	19.86	19.68	19.81		
10	64QAM	1	49	19.81	19.88	19.86		
10	64QAM	25	0	18.70	18.69	18.63	20	3
10	64QAM	25	12	18.66	18.57	18.66		
10	64QAM	25	25	18.76	18.59	18.73		
10	64QAM	50	0	18.80	18.72	18.84		
10	256QAM	1	0	16.80	16.84	16.72	18	5
10	256QAM	1	25	16.95	16.93	16.87		
10	256QAM	1	49	16.90	16.84	16.96		
10	256QAM	25	0	16.81	16.78	16.82	18	5
10	256QAM	25	12	16.83	16.76	16.81		
10	256QAM	25	25	16.91	16.84	16.74		
10	256QAM	50	0	16.95	16.82	16.78		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.68	21.79	21.71	23	0
5	QPSK	1	12	21.71	21.67	21.58		
5	QPSK	1	24	21.63	21.57	21.63		
5	QPSK	12	0	20.63	20.72	20.63	22	1
5	QPSK	12	7	20.68	20.50	20.59		
5	QPSK	12	13	20.58	20.45	20.53		
5	QPSK	25	0	20.56	20.62	20.62		
5	16QAM	1	0	20.70	20.74	20.71	22	1
5	16QAM	1	12	20.66	20.71	20.71		
5	16QAM	1	24	20.65	20.69	20.65		
5	16QAM	12	0	19.62	19.59	19.68	21	2
5	16QAM	12	7	19.52	19.55	19.58		
5	16QAM	12	13	19.60	19.68	19.57		
5	16QAM	25	0	19.66	19.62	19.78		
5	64QAM	1	0	19.73	19.70	19.78	21	2
5	64QAM	1	12	19.77	19.61	19.71		
5	64QAM	1	24	19.73	19.77	19.77		
5	64QAM	12	0	18.63	18.56	18.54	20	3
5	64QAM	12	7	18.56	18.48	18.55		
5	64QAM	12	13	18.72	18.53	18.62		
5	64QAM	25	0	18.72	18.67	18.79		
5	256QAM	1	0	16.75	16.77	16.66	18	5
5	256QAM	1	12	16.82	16.87	16.79		
5	256QAM	1	24	16.85	16.76	16.89		
5	256QAM	12	0	16.68	16.73	16.74	18	5
5	256QAM	12	7	16.79	16.67	16.70		
5	256QAM	12	13	16.84	16.79	16.69		
5	256QAM	25	0	16.89	16.72	16.75		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.74	21.71	21.70	23	0
3	QPSK	1	8	21.61	21.70	21.56		
3	QPSK	1	14	21.62	21.62	21.62		
3	QPSK	8	0	20.62	20.71	20.54	22	1
3	QPSK	8	4	20.67	20.49	20.64		
3	QPSK	8	7	20.51	20.45	20.53		
3	QPSK	15	0	20.53	20.66	20.58		
3	16QAM	1	0	20.72	20.77	20.72	22	1
3	16QAM	1	8	20.65	20.70	20.66		
3	16QAM	1	14	20.62	20.67	20.64		
3	16QAM	8	0	19.66	19.67	19.62	21	2
3	16QAM	8	4	19.52	19.57	19.58		
3	16QAM	8	7	19.60	19.71	19.54		
3	16QAM	15	0	19.75	19.68	19.75		
3	64QAM	1	0	19.79	19.70	19.75	21	2
3	64QAM	1	8	19.80	19.62	19.69		
3	64QAM	1	14	19.76	19.80	19.76		
3	64QAM	8	0	18.62	18.65	18.50	20	3
3	64QAM	8	4	18.57	18.48	18.61		
3	64QAM	8	7	18.65	18.52	18.69		
3	64QAM	15	0	18.73	18.68	18.75		
3	256QAM	1	0	16.75	16.75	16.59	18	5
3	256QAM	1	8	16.82	16.87	16.80		
3	256QAM	1	14	16.84	16.79	16.90		
3	256QAM	8	0	16.72	16.70	16.72	18	5
3	256QAM	8	4	16.77	16.71	16.75		
3	256QAM	8	7	16.85	16.78	16.63		
3	256QAM	15	0	16.86	16.71	16.73		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.41	21.41	21.29	23	0
1.4	QPSK	1	3	21.29	21.26	21.18		
1.4	QPSK	1	5	21.29	21.38	21.24		
1.4	QPSK	3	0	21.45	21.48	21.29		
1.4	QPSK	3	1	21.31	21.20	21.17		
1.4	QPSK	3	3	21.29	21.36	21.20		
1.4	QPSK	6	0	20.19	20.36	20.20	22	1
1.4	16QAM	1	0	20.66	20.53	20.37	22	1
1.4	16QAM	1	3	20.63	20.51	20.57		
1.4	16QAM	1	5	20.41	20.30	20.60		
1.4	16QAM	3	0	20.23	20.33	20.27		
1.4	16QAM	3	1	20.67	20.47	20.35		
1.4	16QAM	3	3	20.69	20.44	20.52		
1.4	16QAM	6	0	20.52	20.32	20.63	21	2
1.4	64QAM	1	0	19.44	19.50	19.37	21	2
1.4	64QAM	1	3	19.52	19.45	19.46		
1.4	64QAM	1	5	19.36	19.45	19.49		
1.4	64QAM	3	0	19.35	19.46	19.44		
1.4	64QAM	3	1	19.57	19.40	19.43		
1.4	64QAM	3	3	19.39	19.41	19.43		
1.4	64QAM	6	0	18.31	18.38	18.26	20	3
1.4	256QAM	1	0	16.50	16.44	16.48	18	5
1.4	256QAM	1	3	16.51	16.44	16.37		
1.4	256QAM	1	5	16.48	16.37	16.38		
1.4	256QAM	3	0	16.33	16.41	16.36		
1.4	256QAM	3	1	16.31	16.24	16.28		
1.4	256QAM	3	3	16.46	16.47	16.31		
1.4	256QAM	6	0	16.25	16.28	16.33	18	5

Band 7 Ant1

BW [MHz]	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	21.83	21.85	21.72	22.5	0
20	QPSK	1	49	21.69	21.79	21.57		
20	QPSK	1	99	21.77	21.78	21.53		
20	QPSK	50	0	20.68	20.88	20.72	21.5	1
20	QPSK	50	24	20.71	20.79	20.70		
20	QPSK	50	50	20.76	20.80	20.86		
20	QPSK	100	0	20.71	20.84	20.72		
20	16QAM	1	0	20.86	20.92	20.95	21.5	1
20	16QAM	1	49	21.00	21.05	20.92		
20	16QAM	1	99	20.83	20.86	20.93		
20	16QAM	50	0	19.80	19.85	19.85	20.5	2
20	16QAM	50	24	19.80	19.86	19.85		
20	16QAM	50	50	19.97	19.72	19.91		
20	16QAM	100	0	19.87	19.88	19.93		
20	64QAM	1	0	20.01	19.89	19.97	20.5	2
20	64QAM	1	49	19.84	19.77	19.87		
20	64QAM	1	99	19.95	19.81	20.01		
20	64QAM	50	0	18.98	18.86	18.81	19.5	3
20	64QAM	50	24	18.77	18.97	18.82		
20	64QAM	50	50	18.80	18.74	18.79		
20	64QAM	100	0	18.70	18.83	18.84		
20	256QAM	1	0	16.79	16.84	16.72	17.5	5
20	256QAM	1	49	16.74	16.87	16.72		
20	256QAM	1	99	16.86	16.87	16.92		
20	256QAM	50	0	16.88	16.82	16.92	17.5	5
20	256QAM	50	24	16.76	16.83	16.71		
20	256QAM	50	50	16.82	16.80	16.83		
20	256QAM	100	0	16.94	16.86	16.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.80	21.73	21.64	22.5	0
15	QPSK	1	37	21.61	21.73	21.50		
15	QPSK	1	74	21.71	21.67	21.40		
15	QPSK	36	0	20.56	20.83	20.66	21.5	1
15	QPSK	36	20	20.61	20.75	20.67		
15	QPSK	36	39	20.63	20.69	20.78		
15	QPSK	75	0	20.65	20.74	20.67		
15	16QAM	1	0	20.73	20.80	20.91	21.5	1
15	16QAM	1	37	20.96	21.01	20.80		
15	16QAM	1	74	20.71	20.82	20.83		
15	16QAM	36	0	19.74	19.81	19.78	20.5	2
15	16QAM	36	20	19.70	19.76	19.76		
15	16QAM	36	39	19.89	19.62	19.82		
15	16QAM	75	0	19.80	19.81	19.83		
15	64QAM	1	0	19.95	19.81	19.90	20.5	2
15	64QAM	1	37	19.77	19.71	19.79		
15	64QAM	1	74	19.90	19.74	19.93		
15	64QAM	36	0	18.87	18.79	18.71	19.5	3
15	64QAM	36	20	18.74	18.85	18.74		
15	64QAM	36	39	18.72	18.62	18.68		
15	64QAM	75	0	18.65	18.76	18.80		
15	256QAM	1	0	16.75	16.74	16.68	17.5	5
15	256QAM	1	37	16.70	16.78	16.66		
15	256QAM	1	74	16.78	16.75	16.89		
15	256QAM	36	0	16.81	16.75	16.84	17.5	5
15	256QAM	36	20	16.67	16.72	16.60		
15	256QAM	36	39	16.77	16.75	16.78		
15	256QAM	75	0	16.86	16.81	16.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.74	21.77	21.65	22.5	0
10	QPSK	1	25	21.60	21.74	21.51		
10	QPSK	1	49	21.69	21.68	21.43		
10	QPSK	25	0	20.64	20.83	20.60	21.5	1
10	QPSK	25	12	20.60	20.76	20.67		
10	QPSK	25	25	20.66	20.69	20.79		
10	QPSK	50	0	20.59	20.72	20.64		
10	16QAM	1	0	20.74	20.86	20.90	21.5	1
10	16QAM	1	25	20.89	20.99	20.81		
10	16QAM	1	49	20.72	20.74	20.85		
10	16QAM	25	0	19.68	19.76	19.77	20.5	2
10	16QAM	25	12	19.70	19.82	19.81		
10	16QAM	25	25	19.91	19.67	19.86		
10	16QAM	50	0	19.79	19.81	19.86		
10	64QAM	1	0	19.93	19.83	19.91	20.5	2
10	64QAM	1	25	19.72	19.67	19.84		
10	64QAM	1	49	19.83	19.78	19.93		
10	64QAM	25	0	18.87	18.76	18.68	19.5	3
10	64QAM	25	12	18.65	18.94	18.76		
10	64QAM	25	25	18.73	18.62	18.68		
10	64QAM	50	0	18.65	18.70	18.74		
10	256QAM	1	0	16.71	16.79	16.63	17.5	5
10	256QAM	1	25	16.64	16.79	16.68		
10	256QAM	1	49	16.82	16.82	16.84		
10	256QAM	25	0	16.78	16.74	16.81	17.5	5
10	256QAM	25	12	16.68	16.79	16.67		
10	256QAM	25	25	16.75	16.69	16.78		
10	256QAM	50	0	16.87	16.75	16.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.80	21.80	21.65	22.5	0
5	QPSK	1	12	21.61	21.75	21.47		
5	QPSK	1	24	21.65	21.70	21.50		
5	QPSK	12	0	20.59	20.75	20.62	21.5	1
5	QPSK	12	7	20.62	20.71	20.66		
5	QPSK	12	13	20.67	20.76	20.79		
5	QPSK	25	0	20.66	20.79	20.60		
5	16QAM	1	0	20.82	20.81	20.85	21.5	1
5	16QAM	1	12	20.91	20.93	20.84		
5	16QAM	1	24	20.74	20.76	20.86		
5	16QAM	12	0	19.75	19.77	19.76	20.5	2
5	16QAM	12	7	19.71	19.76	19.80		
5	16QAM	12	13	19.93	19.61	19.88		
5	16QAM	25	0	19.82	19.79	19.81		
5	64QAM	1	0	19.90	19.83	19.87	20.5	2
5	64QAM	1	12	19.75	19.66	19.77		
5	64QAM	1	24	19.91	19.75	19.95		
5	64QAM	12	0	18.93	18.79	18.71	19.5	3
5	64QAM	12	7	18.69	18.90	18.70		
5	64QAM	12	13	18.70	18.68	18.72		
5	64QAM	25	0	18.61	18.76	18.73		
5	256QAM	1	0	16.70	16.80	16.63	17.5	5
5	256QAM	1	12	16.61	16.78	16.62		
5	256QAM	1	24	16.82	16.84	16.80		
5	256QAM	12	0	16.81	16.77	16.86	17.5	5
5	256QAM	12	7	16.69	16.77	16.63		
5	256QAM	12	13	16.70	16.75	16.78		
5	256QAM	25	0	16.88	16.76	16.72		

Band 12 Ant1

BW [MHz]	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	21.75	21.85	21.80	23	0
10	QPSK	1	25	21.71	21.70	21.64		
10	QPSK	1	49	21.56	21.61	21.66		
10	QPSK	25	0	20.76	20.83	20.78	22	1
10	QPSK	25	12	20.81	20.79	20.68		
10	QPSK	25	25	20.68	20.73	20.64		
10	QPSK	50	0	20.74	20.81	20.78		
10	16QAM	1	0	20.74	20.79	20.69	22	1
10	16QAM	1	25	20.88	20.82	20.69		
10	16QAM	1	49	20.89	20.75	20.73		
10	16QAM	25	0	19.98	19.92	19.89	21	2
10	16QAM	25	12	19.80	20.00	19.97		
10	16QAM	25	25	19.88	20.00	19.83		
10	16QAM	50	0	19.97	19.91	19.95		
10	64QAM	1	0	19.78	19.86	19.76	21	2
10	64QAM	1	25	19.94	19.85	19.89		
10	64QAM	1	49	19.82	19.89	19.78		
10	64QAM	25	0	18.95	18.93	19.02	20	3
10	64QAM	25	12	19.01	18.84	18.89		
10	64QAM	25	25	19.06	18.84	19.04		
10	64QAM	50	0	18.90	18.91	18.86		
10	256QAM	1	0	17.00	16.93	17.01	18	5
10	256QAM	1	25	16.81	16.98	17.03		
10	256QAM	1	49	16.85	16.99	16.83		
10	256QAM	25	0	16.80	16.85	16.73	18	5
10	256QAM	25	12	16.96	16.88	16.73		
10	256QAM	25	25	16.90	16.85	16.96		
10	256QAM	50	0	16.86	16.84	16.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.70	21.77	21.84	23	0
5	QPSK	1	12	21.60	21.75	21.52		
5	QPSK	1	24	21.65	21.69	21.48		
5	QPSK	12	0	20.56	20.77	20.63	22	1
5	QPSK	12	7	20.63	20.72	20.60		
5	QPSK	12	13	20.71	20.76	20.78		
5	QPSK	25	0	20.67	20.72	20.66		
5	16QAM	1	0	20.82	20.79	20.83	22	1
5	16QAM	1	12	20.91	21.01	20.87		
5	16QAM	1	24	20.79	20.80	20.89		
5	16QAM	12	0	19.75	19.79	19.72	21	2
5	16QAM	12	7	19.73	19.78	19.79		
5	16QAM	12	13	19.89	19.61	19.86		
5	16QAM	25	0	19.74	19.82	19.89		
5	64QAM	1	0	19.89	19.77	19.89	21	2
5	64QAM	1	12	19.77	19.68	19.80		
5	64QAM	1	24	19.83	19.69	19.94		
5	64QAM	12	0	18.95	18.83	18.70	20	3
5	64QAM	12	7	18.70	18.84	18.70		
5	64QAM	12	13	18.77	18.68	18.73		
5	64QAM	25	0	18.65	18.77	18.76		
5	256QAM	1	0	16.74	16.76	16.68	18	5
5	256QAM	1	12	16.63	16.79	16.62		
5	256QAM	1	24	16.78	16.77	16.82		
5	256QAM	12	0	16.82	16.72	16.79	18	5
5	256QAM	12	7	16.70	16.70	16.67		
5	256QAM	12	13	16.78	16.68	16.80		
5	256QAM	25	0	16.83	16.77	16.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.77	21.80	21.59	23	0
3	QPSK	1	8	21.59	21.72	21.54		
3	QPSK	1	14	21.71	21.69	21.49		
3	QPSK	8	0	20.59	20.78	20.69	22	1
3	QPSK	8	4	20.66	20.68	20.60		
3	QPSK	8	7	20.70	20.75	20.79		
3	QPSK	15	0	20.65	20.73	20.63		
3	16QAM	1	0	20.75	20.84	20.91	22	1
3	16QAM	1	8	20.89	20.97	20.80		
3	16QAM	1	14	20.77	20.82	20.86		
3	16QAM	8	0	19.75	19.82	19.80	21	2
3	16QAM	8	4	19.69	19.74	19.81		
3	16QAM	8	7	19.85	19.99	19.82		
3	16QAM	15	0	19.79	19.76	19.88		
3	64QAM	1	0	19.88	19.86	19.85	21	2
3	64QAM	1	8	19.71	19.74	19.83		
3	64QAM	1	14	19.84	19.78	19.92		
3	64QAM	8	0	18.93	18.75	18.72	20	3
3	64QAM	8	4	18.66	18.86	18.77		
3	64QAM	8	7	18.68	18.68	18.67		
3	64QAM	15	0	18.59	18.76	18.73		
3	256QAM	1	0	16.72	16.78	16.60	18	5
3	256QAM	1	8	16.82	16.82	16.61		
3	256QAM	1	14	16.78	16.83	16.85		
3	256QAM	8	0	16.80	16.70	16.82	18	5
3	256QAM	8	4	16.64	16.76	16.62		
3	256QAM	8	7	16.76	16.70	16.75		
3	256QAM	15	0	16.89	16.75	16.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 13 Ant1

BW [MHz]	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		22.37		24	0
10	QPSK	1	25		22.19			
10	QPSK	1	49		22.26			
10	QPSK	25	0		21.32		23	1
10	QPSK	25	12		21.19			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.30			
10	16QAM	1	0		21.36		23	1
10	16QAM	1	25		21.34			
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.25		22	2
10	16QAM	25	12		20.14			
10	16QAM	25	25		20.21			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.24		22	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.19			
10	64QAM	25	0		19.34		21	3
10	64QAM	25	12		19.25			
10	64QAM	25	25		19.31			
10	64QAM	50	0		19.33			
10	256QAM	1	0		17.31		19	5
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.31			
10	256QAM	25	0		17.36		19	5
10	256QAM	25	12		17.38			
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.31	22.33	24	0
5	QPSK	1	12	22.12	22.09	22.12		
5	QPSK	1	24	22.13	22.21	22.21		
5	QPSK	12	0	21.27	21.28	21.25	23	1
5	QPSK	12	7	21.09	21.14	21.16		
5	QPSK	12	13	21.10	21.03	21.07		
5	QPSK	25	0	21.22	21.27	21.26		
5	16QAM	1	0	21.26	21.25	21.30	23	1
5	16QAM	1	12	21.29	21.24	21.28		
5	16QAM	1	24	21.33	21.31	21.31		
5	16QAM	12	0	20.14	20.19	20.17	22	2
5	16QAM	12	7	20.03	20.03	20.10		
5	16QAM	12	13	20.09	20.15	20.09		
5	16QAM	25	0	20.21	20.21	20.21		
5	64QAM	1	0	20.13	20.11	20.12	22	2
5	64QAM	1	12	20.02	20.08	20.05		
5	64QAM	1	24	20.12	20.13	20.12		
5	64QAM	12	0	19.27	19.28	19.24	21	3
5	64QAM	12	7	19.15	19.14	19.20		
5	64QAM	12	13	19.24	19.20	19.21		
5	64QAM	25	0	19.30	19.26	19.30		
5	256QAM	1	0	17.26	17.20	17.20	19	5
5	256QAM	1	12	17.28	17.36	17.32		
5	256QAM	1	24	17.19	17.21	17.20		
5	256QAM	12	0	17.26	17.28	17.25	19	5
5	256QAM	12	7	17.32	17.29	17.33		
5	256QAM	12	13	17.23	17.25	17.27		
5	256QAM	25	0	17.23	17.20	17.21		

Band 17 Ant1

BW [MHz]	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	21.75	21.81	21.77	23	0
10	QPSK	1	25	21.58	21.78	21.73		
10	QPSK	1	49	21.69	21.78	21.64		
10	QPSK	25	0	20.69	20.78	20.74	22	1
10	QPSK	25	12	20.76	20.75	20.77		
10	QPSK	25	25	20.73	20.74	20.65		
10	QPSK	50	0	20.70	20.75	20.57		
10	16QAM	1	0	20.61	20.68	20.75	22	1
10	16QAM	1	25	20.63	20.64	20.71		
10	16QAM	1	49	20.70	20.64	20.55		
10	16QAM	25	0	19.97	19.87	19.92	21	2
10	16QAM	25	12	19.86	19.76	19.92		
10	16QAM	25	25	19.99	19.82	19.95		
10	16QAM	50	0	19.94	19.85	19.72		
10	64QAM	1	0	19.85	19.78	19.87	21	2
10	64QAM	1	25	19.83	19.71	19.89		
10	64QAM	1	49	19.80	19.76	19.75		
10	64QAM	25	0	18.84	18.83	18.86	20	3
10	64QAM	25	12	18.88	18.83	18.94		
10	64QAM	25	25	18.72	18.80	18.71		
10	64QAM	50	0	18.79	18.81	18.80		
10	256QAM	1	0	16.93	16.83	16.85	18	5
10	256QAM	1	25	16.92	16.72	16.72		
10	256QAM	1	49	16.94	16.82	16.96		
10	256QAM	25	0	16.68	16.78	16.72	18	5
10	256QAM	25	12	16.72	16.88	16.89		
10	256QAM	25	25	16.84	16.75	16.74		
10	256QAM	50	0	16.66	16.69	16.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.72	21.74	21.82	23	0
5	QPSK	1	12	21.66	21.66	21.52		
5	QPSK	1	24	21.71	21.74	21.47		
5	QPSK	12	0	20.57	20.82	20.67	22	1
5	QPSK	12	7	20.66	20.72	20.62		
5	QPSK	12	13	20.67	20.77	20.75		
5	QPSK	25	0	20.59	20.81	20.66		
5	16QAM	1	0	20.83	20.85	20.86	22	1
5	16QAM	1	12	20.93	20.98	20.82		
5	16QAM	1	24	20.72	20.82	20.87		
5	16QAM	12	0	19.70	19.80	19.73	21	2
5	16QAM	12	7	19.67	19.74	19.81		
5	16QAM	12	13	19.90	19.63	19.70		
5	16QAM	25	0	19.75	19.75	19.82		
5	64QAM	1	0	19.91	19.84	19.86	21	2
5	64QAM	1	12	19.80	19.72	19.80		
5	64QAM	1	24	19.91	19.70	19.98		
5	64QAM	12	0	18.92	18.74	18.68	20	3
5	64QAM	12	7	18.84	18.91	18.76		
5	64QAM	12	13	18.71	18.68	18.72		
5	64QAM	25	0	18.60	18.80	18.79		
5	256QAM	1	0	16.73	16.76	16.59	18	5
5	256QAM	1	12	16.61	16.82	16.64		
5	256QAM	1	24	16.75	16.75	16.83		
5	256QAM	12	0	16.80	16.77	16.79	18	5
5	256QAM	12	7	16.70	16.71	16.60		
5	256QAM	12	13	16.71	16.68	16.71		
5	256QAM	25	0	16.87	16.80	16.67		

Band 25 Ant1

BW [MHz]	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	19.00	19.08	19.04	20.1	0
20	QPSK	1	49	18.81	18.93	19.01		
20	QPSK	1	99	18.80	18.94	18.98		
20	QPSK	50	0	18.97	19.07	18.98		
20	QPSK	50	24	18.77	18.97	18.99		
20	QPSK	50	50	18.85	18.87	18.86		
20	QPSK	100	0	19.04	19.05	18.98		
20	16QAM	1	0	18.77	18.93	18.97	20.1	0
20	16QAM	1	49	18.78	18.93	18.85		
20	16QAM	1	99	18.99	19.02	18.96		
20	16QAM	50	0	18.82	18.99	19.04		
20	16QAM	50	24	18.86	18.87	18.83		
20	16QAM	50	50	19.01	18.98	18.97		
20	16QAM	100	0	18.84	18.92	18.98		
20	64QAM	1	0	18.84	18.89	18.91	20.1	0
20	64QAM	1	49	19.05	19.06	19.04		
20	64QAM	1	99	18.80	18.94	19.06		
20	64QAM	50	0	18.78	18.68	18.60	19.6	0.5
20	64QAM	50	24	18.73	18.72	18.75		
20	64QAM	50	50	18.72	18.76	18.78		
20	64QAM	100	0	18.71	18.64	18.70		
20	256QAM	1	0	16.66	16.66	16.77	17.6	2.5
20	256QAM	1	49	16.72	16.69	16.53		
20	256QAM	1	99	16.71	16.71	16.74		
20	256QAM	50	0	16.62	16.62	16.50	17.6	2.5
20	256QAM	50	24	16.61	16.51	16.57		
20	256QAM	50	50	16.60	16.52	16.60		
20	256QAM	100	0	16.56	16.57	16.63		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.92	19.02	18.94	20.1	0
15	QPSK	1	37	18.73	18.88	18.98		
15	QPSK	1	74	18.76	18.88	18.81		
15	QPSK	36	0	18.90	18.97	18.83	20.1	0
15	QPSK	36	20	18.61	18.82	18.82		
15	QPSK	36	39	18.74	18.72	18.72		
15	QPSK	75	0	18.96	18.95	18.81		
15	16QAM	1	0	18.71	18.75	18.86	20.1	0
15	16QAM	1	37	18.62	18.81	18.81		
15	16QAM	1	74	18.60	18.54	18.85		
15	16QAM	36	0	18.75	18.86	19.00	20.1	0
15	16QAM	36	20	18.82	18.75	18.79		
15	16QAM	36	39	18.84	18.84	18.82		
15	16QAM	75	0	18.73	18.79	18.92		
15	64QAM	1	0	18.78	18.78	18.76	20.1	0
15	64QAM	1	37	19.02	19.03	18.90		
15	64QAM	1	74	18.72	18.81	19.02		
15	64QAM	36	0	18.66	18.59	18.50	19.6	0.5
15	64QAM	36	20	18.60	18.67	18.68		
15	64QAM	36	39	18.59	18.64	18.60		
15	64QAM	75	0	18.65	18.60	18.63		
15	256QAM	1	0	16.56	16.58	16.73	17.6	2.5
15	256QAM	1	37	16.58	16.57	16.36		
15	256QAM	1	74	16.65	16.59	16.64		
15	256QAM	36	0	16.50	16.54	16.45	17.6	2.5
15	256QAM	36	20	16.58	16.41	16.40		
15	256QAM	36	39	16.52	16.46	16.46		
15	256QAM	75	0	16.53	16.44	16.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.93	19.00	18.99	20.1	0
10	QPSK	1	25	18.74	18.90	18.85		
10	QPSK	1	49	18.65	18.74	18.82		
10	QPSK	25	0	18.81	19.00	18.91	20.1	0
10	QPSK	25	12	18.64	18.79	18.95		
10	QPSK	25	25	18.74	18.84	18.75		
10	QPSK	50	0	18.91	18.89	18.84		
10	16QAM	1	0	18.61	18.77	18.87	20.1	0
10	16QAM	1	25	18.67	18.88	18.82		
10	16QAM	1	49	18.97	18.99	18.89		
10	16QAM	25	0	18.77	18.82	18.86	20.1	0
10	16QAM	25	12	18.79	18.76	18.76		
10	16QAM	25	25	18.97	18.90	18.95		
10	16QAM	50	0	18.82	18.86	18.82		
10	64QAM	1	0	18.81	18.73	18.88	20.1	0
10	64QAM	1	25	19.00	18.99	19.02		
10	64QAM	1	49	18.72	18.80	18.93		
10	64QAM	25	0	18.72	18.55	18.58	19.6	0.5
10	64QAM	25	12	18.60	18.68	18.68		
10	64QAM	25	25	18.60	18.59	18.66		
10	64QAM	50	0	18.67	18.59	18.60		
10	256QAM	1	0	16.48	16.56	16.69	17.6	2.5
10	256QAM	1	25	16.63	16.67	16.47		
10	256QAM	1	49	16.63	16.54	16.56		
10	256QAM	25	0	16.52	16.54	16.36	17.6	2.5
10	256QAM	25	12	16.47	16.42	16.39		
10	256QAM	25	25	16.48	16.47	16.51		
10	256QAM	50	0	16.49	16.42	16.53		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.89	19.02	18.95	20.1	0
5	QPSK	1	12	18.78	18.75	18.92		
5	QPSK	1	24	18.75	18.73	18.72		
5	QPSK	12	0	18.88	19.00	18.96	20.1	0
5	QPSK	12	7	18.59	18.91	18.87		
5	QPSK	12	13	18.74	18.83	18.76		
5	QPSK	25	0	18.87	18.98	18.87		
5	16QAM	1	0	18.61	18.83	18.82	20.1	0
5	16QAM	1	12	18.75	18.77	18.89		
5	16QAM	1	24	18.88	18.99	18.82		
5	16QAM	12	0	18.78	18.83	18.88	20.1	0
5	16QAM	12	7	18.79	18.75	18.80		
5	16QAM	12	13	18.96	18.82	18.81		
5	16QAM	25	0	18.77	18.87	18.83		
5	64QAM	1	0	18.82	18.79	18.78	20.1	0
5	64QAM	1	12	18.97	18.92	18.89		
5	64QAM	1	24	18.77	18.88	18.95		
5	64QAM	12	0	18.66	18.53	18.48	19.6	0.5
5	64QAM	12	7	18.63	18.66	18.61		
5	64QAM	12	13	18.69	18.73	18.60		
5	64QAM	25	0	18.67	18.58	18.63		
5	256QAM	1	0	16.60	16.52	16.66	17.6	2.5
5	256QAM	1	12	16.57	16.51	16.46		
5	256QAM	1	24	16.58	16.56	16.57		
5	256QAM	12	0	16.57	16.57	16.43	17.6	2.5
5	256QAM	12	7	16.51	16.45	16.49		
5	256QAM	12	13	16.45	16.44	16.57		
5	256QAM	25	0	16.43	16.44	16.56		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.87	18.93	18.92	20.1	0
3	QPSK	1	8	18.77	18.78	18.86		
3	QPSK	1	14	18.74	18.86	18.76		
3	QPSK	8	0	18.94	18.99	18.95	20.1	0
3	QPSK	8	4	18.64	18.86	18.88		
3	QPSK	8	7	18.70	18.81	18.74		
3	QPSK	15	0	18.99	18.98	18.83		
3	16QAM	1	0	18.62	18.81	18.88	20.1	0
3	16QAM	1	8	18.75	18.88	18.72		
3	16QAM	1	14	18.85	18.91	18.83		
3	16QAM	8	0	18.75	18.85	18.86	20.1	0
3	16QAM	8	4	18.73	18.73	18.67		
3	16QAM	8	7	18.94	18.84	18.90		
3	16QAM	15	0	18.71	18.82	18.92	20.1	0
3	64QAM	1	0	18.76	18.75	18.77		
3	64QAM	1	8	18.95	18.93	18.90		
3	64QAM	1	14	18.73	18.81	18.95		
3	64QAM	8	0	18.76	18.58	18.43	19.6	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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.94	21.99	21.96	23	0
15	QPSK	1	37	21.93	21.84	21.98		
15	QPSK	1	74	21.73	21.83	21.81		
15	QPSK	36	0	20.88	20.95	20.73	22	1
15	QPSK	36	20	20.77	20.77	20.79		
15	QPSK	36	39	20.78	20.84	20.85		
15	QPSK	75	0	20.65	20.91	20.74		
15	16QAM	1	0	20.89	20.93	20.93	22	1
15	16QAM	1	37	21.03	20.82	20.95		
15	16QAM	1	74	21.01	20.86	20.95		
15	16QAM	36	0	19.97	19.94	20.06	21	2
15	16QAM	36	20	19.89	19.94	20.02		
15	16QAM	36	39	19.84	19.92	20.07		
15	16QAM	75	0	19.99	19.93	20.00		
15	64QAM	1	0	19.96	19.89	19.82	21	2
15	64QAM	1	37	19.78	19.94	20.00		
15	64QAM	1	74	19.88	20.01	19.92		
15	64QAM	36	0	18.84	18.96	18.99	20	3
15	64QAM	36	20	18.96	18.94	19.06		
15	64QAM	36	39	19.05	18.92	18.86		
15	64QAM	75	0	18.80	18.91	19.01		
15	256QAM	1	0	17.13	17.06	17.16	18	5
15	256QAM	1	37	17.05	16.97	17.16		
15	256QAM	1	74	16.97	17.08	17.10		
15	256QAM	36	0	17.11	17.01	17.05	18	5
15	256QAM	36	20	16.92	17.09	16.92		
15	256QAM	36	39	16.88	16.93	16.91		
15	256QAM	75	0	16.91	16.98	16.90		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.53	21.55	21.55	23	0
10	QPSK	1	25	21.59	21.37	21.40		
10	QPSK	1	49	21.56	21.46	21.37		
10	QPSK	25	0	20.53	20.70	20.69	22	1
10	QPSK	25	12	20.57	20.64	20.46		
10	QPSK	25	25	20.50	20.59	20.63		
10	QPSK	50	0	20.54	20.62	20.44		
10	16QAM	1	0	20.63	20.59	20.57	22	1
10	16QAM	1	25	20.70	20.47	20.73		
10	16QAM	1	49	20.61	20.57	20.61		
10	16QAM	25	0	19.65	19.58	19.59	21	2
10	16QAM	25	12	19.66	19.51	19.55		
10	16QAM	25	25	19.66	19.62	19.67		
10	16QAM	50	0	19.40	19.53	19.60		
10	64QAM	1	0	19.68	19.53	19.44	21	2
10	64QAM	1	25	19.66	19.49	19.47		
10	64QAM	1	49	19.64	19.50	19.63		
10	64QAM	25	0	18.57	18.54	18.65	20	3
10	64QAM	25	12	18.67	18.52	18.65		
10	64QAM	25	25	18.58	18.63	18.53		
10	64QAM	50	0	18.45	18.62	18.59		
10	256QAM	1	0	16.61	16.60	16.66	18	5
10	256QAM	1	25	16.67	16.58	16.49		
10	256QAM	1	49	16.53	16.47	16.56		
10	256QAM	25	0	16.52	16.52	16.46	18	5
10	256QAM	25	12	16.42	16.35	16.33		
10	256QAM	25	25	16.55	16.39	16.55		
10	256QAM	50	0	16.45	16.60	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.53	21.55	21.50	23	0
5	QPSK	1	12	21.56	21.39	21.42		
5	QPSK	1	24	21.50	21.47	21.30		
5	QPSK	12	0	20.54	20.69	20.61	22	1
5	QPSK	12	7	20.57	20.61	20.49		
5	QPSK	12	13	20.44	20.60	20.60		
5	QPSK	25	0	20.52	20.60	20.46		
5	16QAM	1	0	20.66	20.58	20.58	22	1
5	16QAM	1	12	20.67	20.52	20.70		
5	16QAM	1	24	20.66	20.58	20.79		
5	16QAM	12	0	19.64	19.56	19.56	21	2
5	16QAM	12	7	19.65	19.56	19.56		
5	16QAM	12	13	19.65	19.58	19.64		
5	16QAM	25	0	19.46	19.50	19.56		
5	64QAM	1	0	19.65	19.58	19.50	21	2
5	64QAM	1	12	19.64	19.49	19.45		
5	64QAM	1	24	19.73	19.50	19.64		
5	64QAM	12	0	18.63	18.60	18.62	20	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.62	18.67	18.52		
5	64QAM	25	0	18.51	18.64	18.53		
5	256QAM	1	0	16.57	16.59	16.67	18	5
5	256QAM	1	12	16.73	16.62	16.53		
5	256QAM	1	24	16.53	16.50	16.56		
5	256QAM	12	0	16.55	16.51	16.46	18	5
5	256QAM	12	7	16.40	16.39	16.39		
5	256QAM	12	13	16.55	16.34	16.58		
5	256QAM	25	0	16.49	16.51	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.49	21.61	21.54	23	0
3	QPSK	1	8	21.57	21.35	21.46		
3	QPSK	1	14	21.55	21.46	21.37		
3	QPSK	8	0	20.50	20.66	20.68	22	1
3	QPSK	8	4	20.57	20.61	20.51		
3	QPSK	8	7	20.45	20.49	20.67		
3	QPSK	15	0	20.48	20.59	20.46		
3	16QAM	1	0	20.67	20.53	20.61	22	1
3	16QAM	1	8	20.64	20.52	20.67		
3	16QAM	1	14	20.61	20.52	20.68		
3	16QAM	8	0	19.62	19.57	19.55	21	2
3	16QAM	8	4	19.64	19.54	19.59		
3	16QAM	8	7	19.67	19.59	19.68		
3	16QAM	15	0	19.41	19.57	19.55		
3	64QAM	1	0	19.68	19.55	19.47	21	2
3	64QAM	1	8	19.66	19.51	19.47		
3	64QAM	1	14	19.72	19.49	19.59		
3	64QAM	8	0	18.60	18.54	18.62	20	3
3	64QAM	8	4	18.67	18.55	18.60		
3	64QAM	8	7	18.58	18.59	18.51		
3	64QAM	15	0	18.47	18.59	18.59		
3	256QAM	1	0	16.62	16.53	16.67	18	5
3	256QAM	1	8	16.71	16.60	16.48		
3	256QAM	1	14	16.51	16.46	16.49		
3	256QAM	8	0	16.56	16.50	16.40	18	5
3	256QAM	8	4	16.39	16.33	16.39		
3	256QAM	8	7	16.56	16.40	16.56		
3	256QAM	15	0	16.47	16.59	16.48		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.17	21.29	21.23	22.5	0
20	QPSK	1	49	21.22	21.24	21.22		
20	QPSK	1	99	21.16	21.19	21.26		
20	QPSK	50	0	20.57	20.74	20.73	21.5	1
20	QPSK	50	24	20.69	20.70	20.59		
20	QPSK	50	50	20.54	20.62	20.72		
20	QPSK	100	0	20.61	20.68	20.52		
20	16QAM	1	0	20.76	20.65	20.65	21.5	1
20	16QAM	1	49	20.75	20.58	20.77		
20	16QAM	1	99	20.71	20.65	20.74		
20	16QAM	50	0	19.73	19.67	19.65	20.5	2
20	16QAM	50	24	19.75	19.60	19.63		
20	16QAM	50	50	19.71	19.65	19.73		
20	16QAM	100	0	19.50	19.62	19.66		
20	64QAM	1	0	19.75	19.64	19.56	20.5	2
20	64QAM	1	49	19.71	19.55	19.54		
20	64QAM	1	99	19.77	19.55	19.71		
20	64QAM	50	0	18.70	18.65	18.71	19.5	3
20	64QAM	50	24	18.71	18.62	18.68		
20	64QAM	50	50	18.70	18.70	18.62		
20	64QAM	100	0	18.56	18.68	18.65		
20	256QAM	1	0	16.67	16.66	16.77	17.5	5
20	256QAM	1	49	16.78	16.65	16.58		
20	256QAM	1	99	16.61	16.56	16.61		
20	256QAM	50	0	16.61	16.57	16.49	17.5	5
20	256QAM	50	24	16.46	16.44	16.46		
20	256QAM	50	50	16.62	16.47	16.63		
20	256QAM	100	0	16.56	16.63	16.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.09	21.18	21.18	22.5	0
15	QPSK	1	37	21.20	21.17	21.19		
15	QPSK	1	74	21.08	21.06	21.11		
15	QPSK	36	0	20.45	20.66	20.61	21.5	1
15	QPSK	36	20	20.53	20.54	20.49		
15	QPSK	36	39	20.46	20.55	20.66		
15	QPSK	75	0	20.53	20.64	20.38		
15	16QAM	1	0	20.66	20.48	20.60	21.5	1
15	16QAM	1	37	20.62	20.55	20.61		
15	16QAM	1	74	20.57	20.49	20.57		
15	16QAM	36	0	19.57	19.57	19.62	20.5	2
15	16QAM	36	20	19.64	19.46	19.59		
15	16QAM	36	39	19.67	19.61	19.57		
15	16QAM	75	0	19.42	19.48	19.55		
15	64QAM	1	0	19.73	19.51	19.38	20.5	2
15	64QAM	1	37	19.56	19.46	19.43		
15	64QAM	1	74	19.61	19.49	19.60		
15	64QAM	36	0	18.55	18.61	18.53	19.5	3
15	64QAM	36	20	18.67	18.46	18.57		
15	64QAM	36	39	18.52	18.61	18.45		
15	64QAM	75	0	18.54	18.58	18.62		
15	256QAM	1	0	16.61	16.48	16.70	17.5	5
15	256QAM	1	37	16.71	16.51	16.45		
15	256QAM	1	74	16.55	16.45	16.52		
15	256QAM	36	0	16.54	16.50	16.47	17.5	5
15	256QAM	36	20	16.32	16.34	16.33		
15	256QAM	36	39	16.60	16.31	16.54		
15	256QAM	75	0	16.47	16.49	16.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.09	21.24	21.14	22.5	0
10	QPSK	1	25	21.12	21.16	21.12		
10	QPSK	1	49	21.14	21.16	21.15		
10	QPSK	25	0	20.50	20.57	20.64	21.5	1
10	QPSK	25	12	20.57	20.55	20.45		
10	QPSK	25	25	20.46	20.54	20.69		
10	QPSK	50	0	20.58	20.60	20.48		
10	16QAM	1	0	20.71	20.54	20.61	21.5	1
10	16QAM	1	25	20.63	20.51	20.62		
10	16QAM	1	49	20.55	20.56	20.66		
10	16QAM	25	0	19.69	19.55	19.55	20.5	2
10	16QAM	25	12	19.62	19.49	19.49		
10	16QAM	25	25	19.62	19.48	19.68		
10	16QAM	50	0	19.41	19.50	19.63		
10	64QAM	1	0	19.67	19.47	19.42	20.5	2
10	64QAM	1	25	19.59	19.44	19.50		
10	64QAM	1	49	19.70	19.45	19.56		
10	64QAM	25	0	18.60	18.61	18.63	19.5	3
10	64QAM	25	12	18.54	18.55	18.64		
10	64QAM	25	25	18.56	18.57	18.51		
10	64QAM	50	0	18.49	18.63	18.52		
10	256QAM	1	0	16.51	16.62	16.67	17.5	5
10	256QAM	1	25	16.62	16.49	16.40		
10	256QAM	1	49	16.57	16.42	16.50		
10	256QAM	25	0	16.58	16.49	16.39	17.5	5
10	256QAM	25	12	16.31	16.27	16.29		
10	256QAM	25	25	16.53	16.43	16.58		
10	256QAM	50	0	16.48	16.56	16.48		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.09	21.16	21.08	22.5	0
5	QPSK	1	12	21.19	21.18	21.19		
5	QPSK	1	24	21.05	21.14	21.14		
5	QPSK	12	0	20.54	20.61	20.58	21.5	1
5	QPSK	12	7	20.64	20.58	20.52		
5	QPSK	12	13	20.38	20.58	20.64		
5	QPSK	25	0	20.58	20.65	20.47		
5	16QAM	1	0	20.69	20.57	20.57	21.5	1
5	16QAM	1	12	20.70	20.60	20.72		
5	16QAM	1	24	20.68	20.60	20.58		
5	16QAM	12	0	19.58	19.52	19.62	20.5	2
5	16QAM	12	7	19.63	19.49	19.55		
5	16QAM	12	13	19.63	19.56	19.59		
5	16QAM	25	0	19.36	19.45	19.55		
5	64QAM	1	0	19.64	19.48	19.45	20.5	2
5	64QAM	1	12	19.58	19.47	19.40		
5	64QAM	1	24	19.60	19.39	19.64		
5	64QAM	12	0	18.57	18.48	18.65	19.5	3
5	64QAM	12	7	18.67	18.52	18.53		
5	64QAM	12	13	18.55	18.60	18.44		
5	64QAM	25	0	18.39	18.61	18.49		
5	256QAM	1	0	16.65	16.51	16.67	17.5	5
5	256QAM	1	12	16.71	16.56	16.47		
5	256QAM	1	24	16.48	16.49	16.48		
5	256QAM	12	0	16.52	16.43	16.32	17.5	5
5	256QAM	12	7	16.29	16.27	16.40		
5	256QAM	12	13	16.50	16.33	16.49		
5	256QAM	25	0	16.48	16.58	16.52		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.08	21.24	21.13	22.5	0
3	QPSK	1	8	21.06	21.16	21.06		
3	QPSK	1	14	21.10	21.16	21.16		
3	QPSK	8	0	20.48	20.62	20.67	21.5	1
3	QPSK	8	4	20.58	20.59	20.48		
3	QPSK	8	7	20.42	20.52	20.60		
3	QPSK	15	0	20.44	20.54	20.39		
3	16QAM	1	0	20.71	20.52	20.59	21.5	1
3	16QAM	1	8	20.61	20.46	20.59		
3	16QAM	1	14	20.57	20.54	20.61		
3	16QAM	8	0	19.55	19.53	19.55	20.5	2
3	16QAM	8	4	19.65	19.51	19.48		
3	16QAM	8	7	19.58	19.54	19.70		
3	16QAM	15	0	19.45	19.55	19.64		
3	64QAM	1	0	19.70	19.52	19.43	20.5	2
3	64QAM	1	8	19.61	19.48	19.51		
3	64QAM	1	14	19.64	19.38	19.53		
3	64QAM	8	0	18.60	18.49	18.54	19.5	3
3	64QAM	8	4	18.58	18.46	18.51		
3	64QAM	8	7	18.53	18.54	18.52		
3	64QAM	15	0	18.47	18.61	18.53		
3	256QAM	1	0	16.56	16.59	16.69	17.5	5
3	256QAM	1	8	16.70	16.60	16.47		
3	256QAM	1	14	16.47	16.40	16.57		
3	256QAM	8	0	16.56	16.49	16.35	17.5	5
3	256QAM	8	4	16.37	16.41	16.39		
3	256QAM	8	7	16.60	16.38	16.58		
3	256QAM	15	0	16.44	16.51	16.38		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.07	21.20	21.15	22.5	0
1.4	QPSK	1	3	21.17	21.07	21.16		
1.4	QPSK	1	5	21.05	21.11	21.20		
1.4	QPSK	3	0	21.15	21.12	21.18		
1.4	QPSK	3	1	21.05	21.09	21.08		
1.4	QPSK	3	3	21.12	21.04	21.16		
1.4	QPSK	6	0	20.50	20.54	20.43	21.5	1
1.4	16QAM	1	0	20.62	20.51	20.59	21.5	1
1.4	16QAM	1	3	20.68	20.44	20.64		
1.4	16QAM	1	5	20.57	20.54	20.58		
1.4	16QAM	3	0	20.53	20.65	20.61		
1.4	16QAM	3	1	20.58	20.57	20.56		
1.4	16QAM	3	3	20.46	20.49	20.56		
1.4	16QAM	6	0	19.37	19.56	19.54	20.5	2
1.4	64QAM	1	0	19.60	19.60	19.47	20.5	2
1.4	64QAM	1	3	19.67	19.42	19.41		
1.4	64QAM	1	5	19.73	19.50	19.67		
1.4	64QAM	3	0	19.57	19.49	19.63		
1.4	64QAM	3	1	19.66	19.52	19.52		
1.4	64QAM	3	3	19.57	19.53	19.61		
1.4	64QAM	6	0	18.46	18.64	18.51	19.5	3
1.4	256QAM	1	0	16.51	16.51	16.68	17.5	5
1.4	256QAM	1	3	16.65	16.59	16.47		
1.4	256QAM	1	5	16.52	16.50	16.55		
1.4	256QAM	3	0	16.56	16.40	16.38		
1.4	256QAM	3	1	16.34	16.32	16.36		
1.4	256QAM	3	3	16.50	16.36	16.59		
1.4	256QAM	6	0	16.43	16.57	16.49	17.5	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.03	22.11	21.97	23	0
20	QPSK	1	49	22.02	22.06	21.82		
20	QPSK	1	99	21.97	21.87	21.89		
20	QPSK	50	0	21.03	21.06	20.88	22	1
20	QPSK	50	24	20.96	20.92	20.93		
20	QPSK	50	50	20.95	20.86	20.90		
20	QPSK	100	0	20.92	21.01	20.94		
20	16QAM	1	0	21.09	20.98	21.03	22	1
20	16QAM	1	49	21.10	21.01	20.93		
20	16QAM	1	99	20.87	21.00	20.86		
20	16QAM	50	0	20.25	20.18	20.24	21	2
20	16QAM	50	24	20.09	20.16	20.11		
20	16QAM	50	50	20.08	20.09	20.19		
20	16QAM	100	0	20.20	20.10	20.05		
20	64QAM	1	0	20.08	20.09	20.11	21	2
20	64QAM	1	49	20.08	20.05	20.05		
20	64QAM	1	99	20.19	20.20	20.14		
20	64QAM	50	0	19.04	19.14	19.24	20	3
20	64QAM	50	24	19.17	19.18	19.05		
20	64QAM	50	50	19.27	19.24	19.08		
20	64QAM	100	0	19.28	19.18	19.06		
20	256QAM	1	0	17.20	17.13	17.01	18	5
20	256QAM	1	49	17.06	17.03	17.06		
20	256QAM	1	99	17.10	17.01	17.06		
20	256QAM	50	0	17.15	17.08	17.10	18	5
20	256QAM	50	24	17.01	17.06	17.05		
20	256QAM	50	50	17.20	17.00	17.21		
20	256QAM	100	0	16.94	17.01	17.13		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.95	21.99	21.94	23	0
15	QPSK	1	37	21.94	21.96	21.70		
15	QPSK	1	74	21.91	21.82	21.81		
15	QPSK	36	0	20.96	20.97	20.81	22	1
15	QPSK	36	20	20.87	20.81	20.89		
15	QPSK	36	39	20.86	20.81	20.79		
15	QPSK	75	0	20.88	20.95	20.91		
15	16QAM	1	0	21.02	20.89	20.95	22	1
15	16QAM	1	37	20.99	20.90	20.90		
15	16QAM	1	74	20.77	20.91	20.83		
15	16QAM	36	0	20.13	20.14	20.12	21	2
15	16QAM	36

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BW [MHz]	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	21.58	21.66	21.60	23	0
20	QPSK	1	49	21.46	21.45	21.57		
20	QPSK	1	99	21.62	21.54	21.53		
20	QPSK	50	0	20.67	20.73	20.55	22	1
20	QPSK	50	24	20.69	20.70	20.63		
20	QPSK	50	50	20.51	20.61	20.58		
20	QPSK	100	0	20.52	20.69	20.57		
20	16QAM	1	0	20.73	20.75	20.72		
20	16QAM	1	49	20.87	20.80	20.75	22	1
20	16QAM	1	99	20.71	20.85	20.82		
20	16QAM	50	0	19.65	19.68	19.78		
20	16QAM	50	24	19.75	19.71	19.70	21	2
20	16QAM	50	50	19.66	19.68	19.64		
20	16QAM	100	0	19.70	19.71	19.72		
20	64QAM	1	0	19.39	19.47	19.57		
20	64QAM	1	49	19.57	19.43	19.37	21	2
20	64QAM	1	99	19.48	19.60	19.40		
20	64QAM	50	0	18.35	18.40	18.46		
20	64QAM	50	24	18.53	18.45	18.42	20	3
20	64QAM	50	50	18.27	18.30	18.32		
20	64QAM	100	0	18.43	18.52	18.51		
20	256QAM	1	0	16.55	16.62	16.65		
20	256QAM	1	49	16.60	16.62	16.57	18	5
20	256QAM	1	99	16.64	16.73	16.74		
20	256QAM	50	0	16.64	16.59	16.56		
20	256QAM	50	24	16.68	16.56	16.64	18	5
20	256QAM	50	50	16.56	16.60	16.60		
20	256QAM	100	0	16.71	16.68	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.49	21.60	21.50	23	0
15	QPSK	1	37	21.40	21.41	21.47		
15	QPSK	1	74	21.51	21.41	21.45		
15	QPSK	36	0	20.59	20.63	20.50	22	1
15	QPSK	36	20	20.61	20.67	20.60		
15	QPSK	36	39	20.40	20.53	20.54		
15	QPSK	75	0	20.48	20.66	20.52		
15	16QAM	1	0	20.64	20.70	20.61		
15	16QAM	1	37	20.78	20.72	20.63	22	1
15	16QAM	1	74	20.68	20.79	20.78		
15	16QAM	36	0	19.57	19.61	19.68		
15	16QAM	36	20	19.69	19.67	19.62	21	2
15	16QAM	36	39	19.57	19.59	19.58		
15	16QAM	75	0	19.62	19.66	19.66		
15	64QAM	1	0	19.34	19.37	19.51		
15	64QAM	1	37	19.50	19.34	19.27	21	2
15	64QAM	1	74	19.38	19.49	19.29		
15	64QAM	36	0	18.29	18.36	18.42		
15	64QAM	36	20	18.45	18.34	18.39	20	3
15	64QAM	36	39	18.18	18.26	18.20		
15	64QAM	75	0	18.38	18.41	18.46		
15	256QAM	1	0	16.48	16.49	16.61		
15	256QAM	1	37	16.47	16.58	16.44	18	5
15	256QAM	1	74	16.53	16.66	16.70		
15	256QAM	36	0	16.56	16.55	16.52		
15	256QAM	36	20	16.56	16.52	16.57	18	5
15	256QAM	36	39	16.46	16.49	16.52		
15	256QAM	75	0	16.65	16.62	16.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.49	21.57	21.50	23	0
10	QPSK	1	25	21.40	21.38	21.47		
10	QPSK	1	49	21.56	21.44	21.43		
10	QPSK	25	0	20.63	20.62	20.46	22	1
10	QPSK	25	12	20.62	20.66	20.57		
10	QPSK	25	25	20.42	20.56	20.47		
10	QPSK	50	0	20.41	20.66	20.51		
10	16QAM	1	0	20.70	20.63	20.69		
10	16QAM	1	25	20.84	20.69	20.71	22	1
10	16QAM	1	49	20.59	20.74	20.74		
10	16QAM	25	0	19.53	19.58	19.66		
10	16QAM	25	12	19.67	19.62	19.63	21	2
10	16QAM	25	25	19.55	19.58	19.55		
10	16QAM	50	0	19.66	19.67	19.60		
10	64QAM	1	0	19.28	19.38	19.46		
10	64QAM	1	25	19.47	19.34	19.32	21	2
10	64QAM	1	49	19.44	19.51	19.35		
10	64QAM	25	0	18.28	18.33	18.41		
10	64QAM	25	12	18.41	18.34	18.30	20	3
10	64QAM	25	25	18.18	18.25	18.21		
10	64QAM	50	0	18.39	18.41	18.42		
10	256QAM	1	0	16.51	16.58	16.54		
10	256QAM	1	25	16.57	16.58	16.53	18	5
10	256QAM	1	49	16.59	16.70	16.69		
10	256QAM	25	0	16.56	16.55	16.49		
10	256QAM	25	12	16.62	16.44	16.55	18	5
10	256QAM	25	25	16.43	16.50	16.50		
10	256QAM	50	0	16.66	16.62	16.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.52	21.55	21.55	23	0
5	QPSK	1	12	21.38	21.41	21.51		
5	QPSK	1	24	21.49	21.45	21.43		
5	QPSK	12	0	20.62	20.66	20.51	22	1
5	QPSK	12	7	20.57	20.59	20.55		
5	QPSK	12	13	20.46	20.56	20.50		
5	QPSK	25	0	20.44	20.64	20.50		
5	16QAM	1	0	20.61	20.66	20.64		
5	16QAM	1	12	20.77	20.70	20.70	22	1
5	16QAM	1	24	20.66	20.79	20.74		
5	16QAM	12	0	19.52	19.59	19.75		
5	16QAM	12	7	19.70	19.59	19.58	21	2
5	16QAM	12	13	19.53	19.64	19.52		
5	16QAM	25	0	19.61	19.66	19.64		
5	64QAM	1	0	19.26	19.37	19.47		
5	64QAM	1	12	19.52	19.33	19.32	21	2
5	64QAM	1	24	19.41	19.55	19.30		
5	64QAM	12	0	18.31	18.37	18.39		
5	64QAM	12	7	18.44	18.37	18.31	20	3
5	64QAM	12	13	18.15	18.19	18.19		
5	64QAM	25	0	18.40	18.41	18.39		
5	256QAM	1	0	16.48	16.51	16.59		
5	256QAM	1	12	16.50	16.58	16.49	18	5
5	256QAM	1	24	16.60	16.62	16.64		
5	256QAM	12	0	16.52	16.53	16.45		
5	256QAM	12	7	16.58	16.51	16.59	18	5
5	256QAM	12	13	16.51	16.54	16.55		
5	256QAM	25	0	16.63	16.61	16.54		

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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	21.95	21.90	21.99	21.68	21.51	23	0
20	QPSK	1	49	21.90	21.83	21.80	21.68	21.70		
20	QPSK	1	99	21.93	21.74	21.87	21.67	21.86		
20	QPSK	50	0	20.82	21.01	21.03	20.91	20.82	22	1
20	QPSK	50	24	20.84	20.95	20.86	20.82	20.92		
20	QPSK	50	50	21.00	20.92	20.94	20.82	20.99		
20	QPSK	100	0	20.96	20.89	20.99	20.79	20.79		
20	16QAM	1	0	20.89	20.75	20.86	20.87	20.94	22	1
20	16QAM	1	49	20.77	20.76	20.93	20.84	20.88		
20	16QAM	1	99	20.84	20.91	20.84	20.77	20.77		
20	16QAM	50	0	20.05	19.97	19.95	19.96	19.83	21	2
20	16QAM	50	24	19.87	19.82	19.94	20.05	19.88		
20	16QAM	50	50	19.92	20.01	19.90	19.94	19.98		
20	16QAM	100	0	20.03	20.02	19.93	20.04	19.93		
20	64QAM	1	0	19.92	20.07	19.96	19.92	20.03	21	2
20	64QAM	1	49	19.90	19.93	20.09	20.08	20.03		
20	64QAM	1	99	19.90	20.07	19.93	20.09	19.90		
20	64QAM	50	0	18.96	19.03	18.98	19.07	19.06	20	3
20	64QAM	50	24	18.96	18.97	18.98	18.96	19.05		
20	64QAM	50	50	19.01	18.99	19.04	19.08	18.88		
20	64QAM	100	0	19.94	19.86	19.97	19.98	19.94		
20	256QAM	1	0	17.04	17.00	16.98	16.95	17.03	18	5
20	256QAM	1	49	17.09	16.97	17.05	17.09	16.91		
20	256QAM	1	99	16.93	17.11	16.90	16.86	17.03		
20	256QAM	50	0	17.05	16.91	16.96	16.84	17.02	18	5
20	256QAM	50	24	16.89	17.03	16.85	16.87	16.85		
20	256QAM	50	50	17.03	16.89	16.86	16.84	17.03		
20	256QAM	100	0	16.85	16.99	16.92	16.89	16.82		
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	21.88	21.80	21.87	21.61	21.47	23	0
15	QPSK	1	37	21.86	21.75	21.76	21.57	21.58		
15	QPSK	1	74	21.85	21.65	21.75	21.59	21.75		
15	QPSK	36	0	20.74	20.95	20.98	20.85	20.72	22	1
15	QPSK	36	20	20.75	20.88	20.82	20.78	20.84		
15	QPSK	36	39	20.95	20.81	20.83	20.78	20.92		
15	QPSK	75	0	20.92	20.81	20.95	20.71	20.71		
15	16QAM	1	0	20.86	20.64	20.74	20.76	20.84	22	1
15	16QAM	1	37	20.65	20.68	20.90	20.74	20.84		
15	16QAM	1	74	20.77	20.79	20.78	20.67	20.70		
15	16QAM	36	0	19.98	19.92	19.91	19.88	19.70	21	2
15	16QAM	36	20	19.84	19.71	19.90	20.01	19.82		
15	16QAM	36	39	19.86	19.92	19.84	19.85	19.86		
15	16QAM	75	0	19.97	19.91	19.80	20.01	19.85		
15	64QAM	1	0	19.80	20.01	19.92	19.82	20.00	21	2
15	64QAM	1	37	19.82	19.84	20.06	20.01	19.97		
15	64QAM	1	74	19.83	19.95	19.90	20.04	19.80		
15	64QAM	36	0	18.89	18.98	18.87	19.03	18.97	20	3
15	64QAM	36	20	18.92	18.91	18.86	18.86	18.96		
15	64QAM	36	39	18.91	18.95	18.99	19.05	18.81		
15	64QAM	75	0	19.89	19.74	19.89	19.87	19.88		
15	256QAM	1	0	16.96	16.88	16.87	16.86	16.96	18	5
15	256QAM	1	37	17.02	16.90	16.98	17.05	16.83		
15	256QAM	1	74	16.81	17.03	16.84	16.74	16.94		
15	256QAM	36	0	16.99	16.82	16.92	16.77	16.91	18	5
15	256QAM	36	20	16.80	16.94	16.74	16.83	16.81		
15	256QAM	36	39	16.94	16.85	16.75	16.77	16.98		
15	256QAM	75	0	16.76	16.90	16.84	16.83	16.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.86	21.82	21.87	21.56	21.45	23	0
10	QPSK	1	25	21.80	21.72	21.69	21.59	21.67		
10	QPSK	1	49	21.83	21.70	21.83	21.56	21.75		
10	QPSK	25	0	20.78	20.96	20.99	20.86	20.71	22	1
10	QPSK	25	12	20.74	20.85	20.82	20.72	20.83		
10	QPSK	25	25	20.93	20.84	20.89	20.78	20.91		
10	QPSK	50	0	20.92	20.77	20.93	20.67	20.73		
10	16QAM	1	0	20.85	20.65	20.73	20.80	20.90	22	1
10	16QAM	1	25	20.64	20.64	20.85	20.73	20.75		
10	16QAM	1	49	20.73	20.80	20.79	20.71	20.69		
10	16QAM	25	0	20.00	19.92	19.89	19.92	19.70	21	2
10	16QAM	25	12	19.80	19.77	19.90	19.94	19.84		
10	16QAM	25	25	19.82	19.93	19.86	19.82	19.90		
10	16QAM	50	0	19.96	19.89	19.83	20.00	19.85		
10	64QAM	1	0	19.85	19.99	19.84	19.85	19.93	21	2
10	64QAM	1	25	19.78	19.83	20.03	19.96	19.99		
10	64QAM	1	49	19.83	20.04	19.81	19.99	19.80		
10	64QAM	25	0	18.84	18.99	18.90	18.96	18.97	20	3
10	64QAM	25	12	18.93	18.93	18.87	18.91	18.93		
10	64QAM	25	25	18.92	18.95	18.92	18.96	18.82		
10	64QAM	50	0	19.90	19.76	19.88	19.94	19.85		
10	256QAM	1	0	16.98	16.95	16.91	16.88	16.97	18	5
10	256QAM	1	25	16.98	16.91	16.92	17.03	16.85		
10	256QAM	1	49	16.87	16.99	16.78	16.73	16.94		
10	256QAM	25	0	16.95	16.87	16.87	16.76	16.99	18	5
10	256QAM	25	12	16.84	16.98	16.74	16.80	16.76		
10	256QAM	25	25	16.97	16.77	16.74	16.76	16.92		
10	256QAM	50	0	16.78	16.87	16.84	16.78	16.74		
Channel				39675	40143	40620	41083	41550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.88	21.87	21.88	21.65	21.40	23	0
5	QPSK	1	12	21.83	21.75	21.71	21.63	21.66		
5	QPSK	1	24	21.85	21.64	21.83	21.61	21.75		
5	QPSK	12	0	20.75	20.92	20.95	20.87	20.72	22	1
5	QPSK	12	7	20.74	20.86	20.73	20.71	20.83		
5	QPSK	12	13	20.88	20.89	20.90	20.75	20.90		
5	QPSK	25	0	20.87	20.83	20.92	20.70	20.76		
5	16QAM	1	0	20.82	20.64	20.81	20.82	20.85	22	1
5	16QAM	1	12	20.73	20.66	20.87	20.73	20.85		
5	16QAM	1	24	20.74	20.80	20.79	20.73	20.67		
5	16QAM	12	0	19.98	19.85	19.87	19.84	19.72	21	2
5	16QAM	12	7	19.80	19.74	19.84	19.95	19.78		
5	16QAM	12	13	19.88	19.90	19.77	19.85	19.90		
5	16QAM	25	0	19.94	19.97	19.83	19.96	19.80		
5	64QAM	1	0	19.81	19.98	19.90	19.82	19.93	21	2
5	64QAM	1	12	19.77	19.88	20.04	19.99	19.90		
5	64QAM	1	24	19.79	20.01	19.90	20.01	19.84		
5	64QAM	12	0	18.87	18.96	18.87	18.97	18.98	20	3
5	64QAM	12	7	18.87	18.94	18.86	18.86	19.01		
5	64QAM	12	13	18.95	18.92	18.94	19.01	18.77		
5	64QAM	25	0	19.83	19.80	19.93	19.93	19.86		
5	256QAM	1	0	16.95	16.93	16.91	16.82	16.94	18	5
5	256QAM	1	12	17.01	16.87	16.96	17.02	16.79		
5	256QAM	1	24	16.81	17.06	16.82	16.75	16.90		
5	256QAM	12	0	16.95	16.81	16.88	16.78	16.96	18	5
5	256QAM	12	7	16.83	16.94	16.80	16.81	16.80		
5	256QAM	12	13	16.96	16.78	16.77	16.75	16.91		
5	256QAM	25	0	16.74	16.93	16.84	16.83	16.71		

Band 41 HPUE Ant1

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	24.85	24.84	24.87	24.69	24.47	26	0
20	QPSK	1	49	24.67	24.76	24.81	24.49	24.80		
20	QPSK	1	99	24.58	24.78	24.64	24.48	24.75		
20	QPSK	50	0	23.78	23.71	23.96	23.72	23.82	25	1
20	QPSK	50	24	23.73	23.85	23.80	23.72	23.65		
20	QPSK	50	50	23.66	23.81	23.75	23.67	23.73		
20	QPSK	100	0	23.65	23.82	23.83	23.80	23.75		
20	16QAM	1	0	23.76	23.93	23.85	23.75	23.81	25	1
20	16QAM	1	49	23.86	23.74	23.92	23.81	23.89		
20	16QAM	1	99	23.80	23.97	23.73	23.85	23.85		
20	16QAM	50	0	22.74	22.79	22.87	22.84	22.96	24	2
20	16QAM	50	24	22.81	22.99	22.76	22.97	22.98		
20	16QAM	50	50	22.91	22.82	22.77	22.81	22.74		
20	16QAM	100	0	22.87	22.90	22.81	22.88	22.92		
20	64QAM	1	0	22.78	22.76	22.78	22.74	22.68	24	2
20	64QAM	1	49	22.78	22.82	22.73	22.81	22.77		
20	64QAM	1	99	22.72	22.68	22.72	22.65	22.77		
20	64QAM	50	0	21.86	21.89	21.88	21.90	22.01	23	3
20	64QAM	50	24	21.85	21.84	21.78	21.82	21.88		
20	64QAM	50	50	21.75	21.89	21.86	21.83	21.83		
20	64QAM	100	0	21.69	21.93	21.80	21.83	21.72		
20	256QAM	1	0	19.86	19.84	19.88	19.86	19.98	21	5
20	256QAM	1	49	19.76	19.76	19.90	19.77	19.95		
20	256QAM	1	99	19.93	19.97	19.98	19.92	19.93		
20	256QAM	50	0	19.75	19.88	19.85	19.76	19.92	21	5
20	256QAM	50	24	19.76	19.88	19.96	19.85	19.87		
20	256QAM	50	50	19.84	19.72	19.90	19.92	19.92		
20	256QAM	100	0	19.82	19.98	19.86	19.98	19.91		
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	24.81	24.76	24.80	24.59	24.39	26	0
15	QPSK	1	37	24.58	24.71	24.77	24.43	24.68		
15	QPSK	1	74	24.45	24.73	24.56	24.44	24.64		
15	QPSK	36	0	23.71	23.65	23.78	23.64	23.77	25	1
15	QPSK	36	20	23.66	23.72	23.68	23.64	23.53		
15	QPSK	36	39	23.61	23.72	23.71	23.61	23.61		
15	QPSK	75	0	23.57	23.76	23.71	23.72	23.67		
15	16QAM	1	0	23.65	23.85	23.80	23.64	23.70	25	1
15	16QAM	1	37	23.74	23.67	23.86	23.75	23.83		
15	16QAM	1	74	23.76	23.92	23.67	23.73	23.80		
15	16QAM	36	0	22.70	22.69	22.79	22.72	22.88	24	2
15	16QAM	36	20	22.75	22.91	22.69	22.85	22.85		
15	16QAM	36	39	22.87	22.75	22.74	22.77	22.65		
15	16QAM	75	0	22.78	22.81	22.76	22.84	22.83		
15	64QAM	1	0	22.69	22.69	22.70	22.67	22.59	24	2
15	64QAM	1	37	22.70	22.69	22.68	22.78	22.65		
15	64QAM	1	74	22.61	22.63	22.59	22.55	22.67		
15	64QAM	36	0	21.75	21.86	21.78	21.78	21.94	23	3
15	64QAM	36	20	21.82	21.75	21.71	21.69	21.80		
15	64QAM	36	39	21.63	21.84	21.80	21.76	21.76		
15	64QAM	75	0	21.63	21.82	21.69	21.72	21.66		
15	256QAM	1	0	19.75	19.71	19.83	19.75	19.86	21	5
15	256QAM	1	37	19.70	19.70	19.81	19.73	19.91		
15	256QAM	1	74	19.87	19.90	19.87	19.87	19.82		
15	256QAM	36	0	19.62	19.83	19.80	19.69	19.83	21	5
15	256QAM	36	20	19.68	19.82	19.91	19.74	19.79		
15	256QAM	36	39	19.81	19.62	19.83	19.83	19.85		
15	256QAM	75	0	19.69	19.90	19.80	19.86	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.77	24.78	24.84	24.59	24.37	26	0
10	QPSK	1	25	24.59	24.63	24.73	24.44	24.77		
10	QPSK	1	49	24.49	24.75	24.59	24.43	24.68		
10	QPSK	25	0	23.72	23.63	23.83	23.63	23.76	25	1
10	QPSK	25	12	23.67	23.79	23.75	23.64	23.57		
10	QPSK	25	25	23.57	23.77	23.65	23.56	23.69		
10	QPSK	50	0	23.55	23.77	23.77	23.69	23.71		
10	16QAM	1	0	23.66	23.90	23.82	23.68	23.74	25	1
10	16QAM	1	25	23.75	23.63	23.83	23.75	23.78		
10	16QAM	1	49	23.76	23.94	23.61	23.78	23.73		
10	16QAM	25	0	22.65	22.66	22.75	22.81	22.91	24	2
10	16QAM	25	12	22.77	22.94	22.71	22.92	22.86		
10	16QAM	25	25	22.82	22.72	22.73	22.70	22.70		
10	16QAM	50	0	22.81	22.86	22.70	22.79	22.83	24	2
10	64QAM	1	0	22.66	22.73	22.68	22.73	22.56		
10	64QAM	1	25	22.73	22.70	22.62	22.70	22.70		
10	64QAM	1	49	22.59	22.56	22.60	22.60	22.68		
10	64Q

GSM1900 Ant2	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	29.42	29.51	29.40	30.50	20.42	20.51	20.40	21.50
GPRS 1 Tx slot	29.41	29.45	29.39	30.50	20.41	20.45	20.39	21.50
GPRS 2 Tx slots	26.45	26.48	26.36	27.50	20.45	20.48	20.36	21.50
GPRS 3 Tx slots	24.64	24.74	24.66	25.50	20.38	20.48	20.40	21.24
GPRS 4 Tx slots	23.44	23.48	23.37	24.50	20.44	20.48	20.37	21.50
EDGE 1 Tx slot	25.78	25.85	25.76	27.00	16.78	16.85	16.76	18.00
EDGE 2 Tx slots	24.44	24.58	24.51	25.50	18.44	18.58	18.51	19.50
EDGE 3 Tx slots	21.95	21.98	21.84	23.00	17.69	17.72	17.58	18.74
EDGE 4 Tx slots	20.53	20.66	20.61	21.50	17.53	17.66	17.61	18.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			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	22.26	22.30	22.23	24.00	22.21	22.24	22.15	23.70
3GPP Rel 99	RMC 12.2Kbps	22.29	22.32	22.24	24.00	22.22	22.27	22.18	23.70
3GPP Rel 6	HSDPA Subtest-1	21.09	21.36	21.11	23.00	21.03	21.39	21.11	22.70
3GPP Rel 6	HSDPA Subtest-2	21.25	21.27	21.02	23.00	21.22	21.21	21.03	22.70
3GPP Rel 6	HSDPA Subtest-3	20.58	20.75	20.54	22.50	20.56	20.68	20.54	22.20
3GPP Rel 6	HSDPA Subtest-4	20.68	20.78	20.66	22.50	20.66	20.78	20.65	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.12	21.25	21.08	23.00	21.07	21.21	21.09	23.70
3GPP Rel 8	DC-HSDPA Subtest-2	21.19	21.22	21.26	23.00	21.15	21.15	21.20	23.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.62	20.63	20.73	22.50	20.56	20.63	20.69	23.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.70	20.62	22.50	20.71	20.70	20.56	23.20
3GPP Rel 6	HSUPA Subtest-1	21.23	21.23	21.07	23.00	21.24	21.22	21.06	23.70
3GPP Rel 6	HSUPA Subtest-2	19.29	19.33	19.08	21.00	19.20	19.25	19.04	21.70
3GPP Rel 6	HSUPA Subtest-3	20.20	20.21	20.17	22.00	20.22	20.12	20.16	22.70
3GPP Rel 6	HSUPA Subtest-4	19.17	19.29	19.04	21.00	19.17	19.27	19.05	21.70
3GPP Rel 6	HSUPA Subtest-5	21.26	21.31	21.22	23.00	21.19	21.32	21.16	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.79	18.84	18.52	20.50	18.73	18.79	18.53	21.20

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74	24	0
20	QPSK	1	49	22.81	22.80	22.61		
20	QPSK	1	99	22.86	22.76	22.69		
20	QPSK	50	0	21.66	21.85	21.64	23	1
20	QPSK	50	24	21.58	21.63	21.80		
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94	23	1
20	16QAM	1	49	22.18	22.18	22.17		
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95	22	2
20	16QAM	50	24	20.75	20.81	20.75		
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89	22	2
20	64QAM	1	49	21.07	20.92	21.00		
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86	21	3
20	64QAM	50	24	19.74	19.75	19.80		
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70	19	5
20	256QAM	1	49	17.89	17.80	17.75		
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79	19	5
20	256QAM	50	24	17.86	17.89	17.72		
20	256QAM	50	50	17.80	17.71	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63	24	0
15	QPSK	1	37	22.69	22.72	22.51		
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56	23	1
15	QPSK	36	20	21.52	21.53	21.73		
15	QPSK	36	39	21.64	21.65	21.60		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85	23	1
15	16QAM	1	37	22.10	22.05	22.08		
15	16QAM	1	74	21.95	21.89	22.06		
15	16QAM	36	0	20.82	20.78	20.86	22	2
15	16QAM	36	20	20.69	20.78	20.65		
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77	22	2
15	64QAM	1	37	20.95	20.80	20.91		
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75	21	3
15	64QAM	36	20	19.62	19.69	19.74		
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64	19	5
15	256QAM	1	37	17.77	17.69	17.65		
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71	19	5
15	256QAM	36	20	17.79	17.77	17.64		
15	256QAM	36	39	17.68	17.81	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65	24	0
10	QPSK	1	25	22.74	22.75	22.50		
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52	23	1
10	QPSK	25	12	21.52	21.56	21.71		
10	QPSK	25	25	21.65	21.85	21.62		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85	23	1
10	16QAM	1	25	22.14	22.07	22.10		
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90	22	2
10	16QAM	25	12	20.66	20.72	20.72		
10	16QAM	25	25	20.85	20.75	20.79		
10	16QAM	50	0	20.83	20.79	20.82		
10	64QAM	1	0	20.96	20.87	20.79	22	2
10	64QAM	1	25	20.98	20.79	20.94		
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81	21	3
10	64QAM	25	12	19.69	19.63	19.76		
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.68	17.59	19	5
10	256QAM	1	25	17.82	17.69	17.62		
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69	19	5
10	256QAM	25	12	17.79	17.77	17.68		
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68	24	0
5	QPSK	1	12	22.70	22.72	22.55		
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51	23	1
5	QPSK	12	7	21.53	21.57	21.77		
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83	23	1
5	16QAM	1	12	22.08	22.06	22.10		
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85	22	2
5	16QAM	12	7	20.72	20.71	20.65		
5	16QAM	12	13	20.65	20.75	20.80		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80	22	2
5	64QAM	1	12	20.96	20.80	20.94		
5	64QAM	1	24	20.83	20.93	21.00		
5	64QAM	12	0	19.88	19.79	19.80	21	3
5	64QAM	12	7	19.67	19.65	19.73		
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.96	17.77	17.63	19	5
5	256QAM	1	12	17.82	17.76	17.72		
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71	19	5
5	256QAM	12	7	17.81	17.80	17.63		
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64	24	0
3	QPSK	1	8	22.75	22.74	22.55		
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59	23	1
3	QPSK	8	4	21.48	21.59	21.75		
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.85	23	1
3	16QAM	1	8	22.15	22.06	22.11		
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90	22	2
3	16QAM	8	4	20.68	20.73	20.68		
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85	22	2
3	64QAM	1	8	21.04	20.83	20.88		
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80	21	3
3	64QAM	8	4	19.65	19.67	19.67		
3	64QAM	8	7	19.69	19.80	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58	19	5
3	256QAM	1	8	17.82	17.76	17.68		
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74	19	5
3	256QAM	8	4	17.80	17.78	17.65		
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18906	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66	24	0
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63		
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84	23	1
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09		
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85	22	2
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97		
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57	19	5
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73		
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	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	23.06	23.08	23.00	24	0
20	QPSK	1	49	23.00	23.02	22.89		
20	QPSK	1	99	23.01	23.00	22.84		
20	QPSK	50	0	22.14	22.15	22.12	23	1
20	QPSK	50	24	22.14	22.13	22.14		
20	QPSK	50	50	22.10	22.02	22.13		
20	QPSK	100	0	22.02	22.11	22.03		
20	16QAM	1	0	22.24	22.28	22.21	23	1
20	16QAM	1	49	22.21	22.38	22.41		
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03	22	2
20	16QAM	50	24	21.06	20.95	21.07		
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.24	21.21	21.22	22	2
20	64QAM	1	49	21.28	21.15	21.13		
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23	21	3
20	64QAM	50	24	20.11	19.99	20.04		
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26	19	5
20	256QAM	1	49	18.07	18.17	18.21		
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00	19	5
20	256QAM	50	24	17.97	18.05	18.03		
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95	24	0
15	QPSK	1	37	22.95	22.92	22.82		
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01	23	1
15	QPSK	36	20	22.07	22.00	22.02		
15	QPSK	36	39	21.97	21.94	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17	23	1
15	16QAM	1	37	22.15	22.31	22.35		
15	16QAM	1	74	22.10	22.25	22.16		
15	16QAM	36	0	21.12	20.94	20.91	22	2
15	16QAM	36	20	20.98	20.89	20.94		
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	21.07	20.99		
15	64QAM	1	0	21.10	21.18	21.11	22	2
15	64QAM	1	37	21.16	21.08	21.06		
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15	21	3
15	64QAM	36	20	20.01	19.91	19.95		
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18	19	5
15	256QAM	1	37	18.03	18.05	18.14		
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94	19	5
15	256QAM	36	20	17.85	17.95	18.00		
15	256QAM	36	39	18.04	17.95	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	22.90	24	0
10	QPSK	1	25	22.93	22.96	22.85		
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00	23	1
10	QPSK	25	12	22.05	22.04	22.09		
10	QPSK	25	25	22.05	21.91	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13	23	1
10	16QAM	1	25	22.13	22.33	22.32		
10	16QAM	1	49	22.12	22.28	22.18		
10	16QAM	25	0	21.08	20.98	20.94	22	2
10	16QAM	25	12	21.00	20.87	21.02		
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12	22	2
10	64QAM	1	25	21.20	21.06	21.07		
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18	21	3
10	64QAM	25	12	20.04	19.95	19.98		
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17	19	5
10	256QAM	1	25	18.01	18.05	18.17		
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91	19	5
10	256QAM	25	12	17.94	17.98	17.91		
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88	24	0
5	QPSK	1	12	22.91	22.97	22.80		
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03	23	1
5	QPSK	12	7	22.06	22.09	22.11		
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09	23	1
5	16QAM	1	12	22.12	22.25	22.34		
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91	22	2
5	16QAM	12	7	20.99	20.90	20.99		
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14	22	2
5	64QAM	1	12	21.15	21.10	21.07		
5	64QAM	1	24	21.01	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19	21	3
5	64QAM	12	7	20.02	19.88	19.94		
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21	19	5
5	256QAM	1	12	17.96	18.06	18.16		
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96	19	5
5	256QAM	12	7	17.94	18.00	17.99		
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94	24	0
3	QPSK	1	8	22.94	22.93	22.77		
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.03	22.08	23	1
3	QPSK	8	4	22.03	22.03	22.06		
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.15	22.21	22.17	23	1
3	16QAM	1	8	22.11	22.33	22.35		
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98	22	2
3	16QAM	8	4	20.98	20.84	21.00		
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16	22	2
3	64QAM	1	8	21.22	21.06	21.05		
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11	21	3
3	64QAM	8	4	20.03	19.89	19.97		
3	64QAM	8	7	20.02	20.08	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17	19	5
3	256QAM	1	8	17.97	18.08	18.12		
3	256QAM	1	14	18.18	17.98	18.13		
3	256QAM	8	0	18.13	17.97	17.89	19	5
3	256QAM	8	4	17.88	17.97	17.92		
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.87	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55	24	0
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58		
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77	23	1
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98		
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80	22	2
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94		
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.80	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49	19	5
1.4	256QAM	1	3	17.73	17.68	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67		
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	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	21.18	21.35	21.05	22	0
20	QPSK	1	49	21.05	21.32	20.92		
20	QPSK	1	99	21.12	21.17	21.11		
20	QPSK	50	0	21.18	21.31	21.12	22	0
20	QPSK	50	24	21.08	21.28	20.87		
20	QPSK	50	50	21.13	21.16	21.07		
20	QPSK	100	0	21.19	21.30	21.05		
20	16QAM	1	0	21.17	21.25	21.07	22	0
20	16QAM	1	49	21.10	21.24	20.92		
20	16QAM	1	99	21.10	21.13	21.01		
20	16QAM	50	0	21.03	20.98	21.08	22	0
20	16QAM	50	24	21.06	21.05	21.06		
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0	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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.96	22.98	22.78	24	0
20	QPSK	1	49	22.79	22.90	22.60		
20	QPSK	1	99	22.95	22.82	22.63		
20	QPSK	50	0	21.79	21.94	21.81	23	1
20	QPSK	50	24	21.77	21.73	21.92		
20	QPSK	50	50	21.91	21.90	21.87		
20	QPSK	100	0	21.84	21.90	21.76		
20	16QAM	1	0	22.06	22.07	22.06	23	1
20	16QAM	1	49	22.04	22.15	22.07		
20	16QAM	1	99	22.16	22.12	22.18		
20	16QAM	50	0	21.02	20.91	20.98	22	2
20	16QAM	50	24	20.87	20.80	20.84		
20	16QAM	50	50	21.02	20.87	20.95		
20	16QAM	100	0	20.89	20.88	20.88		
20	64QAM	1	0	20.94	21.04	20.95	22	2
20	64QAM	1	49	20.91	21.13	21.11		
20	64QAM	1	99	21.03	20.92	20.99		
20	64QAM	50	0	20.00	19.91	19.88	21	3
20	64QAM	50	24	19.85	19.88	19.81		
20	64QAM	50	50	20.03	20.04	19.82		
20	64QAM	100	0	19.88	19.89	19.84		
20	256QAM	1	0	17.99	17.93	17.83	19	5
20	256QAM	1	49	17.90	17.98	18.03		
20	256QAM	1	99	17.92	17.92	17.94		
20	256QAM	50	0	17.93	17.88	17.92	19	5
20	256QAM	50	24	17.95	17.90	18.00		
20	256QAM	50	50	17.84	18.00	17.75		
20	256QAM	100	0	17.89	17.89	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.92	22.86	22.69	24	0
15	QPSK	1	37	22.72	22.86	22.56		
15	QPSK	1	74	22.90	22.73	22.57		
15	QPSK	36	0	21.69	21.88	21.70	23	1
15	QPSK	36	20	21.69	21.86	21.80		
15	QPSK	36	39	21.84	21.83	21.76		
15	QPSK	75	0	21.75	21.83	21.67		
15	16QAM	1	0	21.98	22.02	22.00	23	1
15	16QAM	1	37	21.92	22.08	21.99		
15	16QAM	1	74	22.05	22.09	22.13		
15	16QAM	36	0	20.96	20.86	20.89	22	2
15	16QAM	36	20	20.81	20.74	20.73		
15	16QAM	36	39	20.99	20.81	20.85		
15	16QAM	75	0	20.79	20.78	20.75		
15	64QAM	1	0	20.89	20.92	20.91	22	2
15	64QAM	1	37	20.86	21.07	21.07		
15	64QAM	1	74	20.95	20.81	20.93		
15	64QAM	36	0	19.88	19.85	19.82	21	3
15	64QAM	36	20	19.80	19.85	19.78		
15	64QAM	36	39	19.93	20.01	19.75		
15	64QAM	75	0	19.85	19.81	19.80		
15	256QAM	1	0	17.86	17.84	17.77	19	5
15	256QAM	1	37	17.84	17.94	17.96		
15	256QAM	1	74	17.86	17.82	17.91		
15	256QAM	36	0	17.86	17.77	17.81	19	5
15	256QAM	36	20	17.88	17.77	17.96		
15	256QAM	36	39	17.78	17.96	17.65		
15	256QAM	75	0	17.77	17.77	17.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.86	22.66	24	0
10	QPSK	1	25	22.72	22.83	22.49		
10	QPSK	1	49	22.88	22.70	22.57		
10	QPSK	25	0	21.70	21.89	21.75	23	1
10	QPSK	25	12	21.66	21.64	21.81		
10	QPSK	25	25	21.83	21.85	21.82		
10	QPSK	50	0	21.77	21.81	21.70		
10	16QAM	1	0	22.00	21.97	22.03	23	1
10	16QAM	1	25	21.91	22.04	22.01		
10	16QAM	1	49	22.07	21.99	22.06		
10	16QAM	25	0	20.91	20.80	20.93	22	2
10	16QAM	25	12	20.80	20.77	20.74		
10	16QAM	25	25	20.92	20.82	20.85		
10	16QAM	50	0	20.81	20.84	20.80		
10	64QAM	1	0	20.85	21.00	20.83	22	2
10	64QAM	1	25	20.81	21.09	21.02		
10	64QAM	1	49	20.93	20.82	20.90		
10	64QAM	25	0	19.96	19.78	19.82	21	3
10	64QAM	25	12	19.72	19.84	19.77		
10	64QAM	25	25	19.91	19.99	19.78		
10	64QAM	50	0	19.81	19.85	19.72		
10	256QAM	1	0	17.96	17.87	17.73	19	5
10	256QAM	1	25	17.86	17.86	17.99		
10	256QAM	1	49	17.85	17.81	17.89		
10	256QAM	25	0	17.82	17.79	17.82	19	5
10	256QAM	25	12	17.90	17.77	17.97		
10	256QAM	25	25	17.76	17.94	17.70		
10	256QAM	50	0	17.77	17.78	17.87		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.97	22.97	22.94	24	0
5	QPSK	1	12	22.90	22.91	22.83		
5	QPSK	1	24	22.95	22.91	22.73		
5	QPSK	12	0	22.08	22.11	22.05	23	1
5	QPSK	12	7	22.10	22.02	22.02		
5	QPSK	12	13	21.98	21.91	22.02		
5	QPSK	25	0	21.99	22.02	21.90		
5	16QAM	1	0	22.18	22.21	22.11	23	1
5	16QAM	1	12	22.14	22.32	22.32		
5	16QAM	1	24	22.08	22.23	22.18		
5	16QAM	12	0	21.12	20.94	20.94	22	2
5	16QAM	12	7	21.02	20.83	21.01		
5	16QAM	12	13	20.90	20.96	20.98		
5	16QAM	25	0	21.05	21.05	21.00		
5	64QAM	1	0	21.12	21.09	21.11	22	2
5	64QAM	1	12	21.16	21.07	21.07		
5	64QAM	1	24	21.16	21.20	21.15		
5	64QAM	12	0	20.11	20.07	20.14	21	3
5	64QAM	12	7	20.01	19.88	19.97		
5	64QAM	12	13	20.05	20.17	20.07		
5	64QAM	25	0	20.08	20.01	20.18		
5	256QAM	1	0	18.13	18.10	18.16	19	5
5	256QAM	1	12	17.99	18.09	18.13		
5	256QAM	1	24	18.25	18.06	18.13		
5	256QAM	12	0	18.05	17.96	17.88	19	5
5	256QAM	12	7	17.85	17.96	17.91		
5	256QAM	12	13	18.02	17.93	17.96		
5	256QAM	25	0	17.92	18.06	18.16		
Channel				26025	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.95	22.96	22.97	24	0
3	QPSK	1	8	22.89	22.97	22.86		
3	QPSK	1	14	22.94	22.92	22.76		
3	QPSK	8	0	22.04	22.08	22.03	23	1
3	QPSK	8	4	22.09	22.02	22.08		
3	QPSK	8	7	22.00	21.89	22.07		
3	QPSK	15	0	21.98	22.05	21.98		
3	16QAM	1	0	22.11	22.16	22.09	23	1
3	16QAM	1	8	22.14	22.30	22.36		
3	16QAM	1	14	22.13	22.25	22.21		
3	16QAM	8	0	21.10	20.94	20.98	22	2
3	16QAM	8	4	20.99	20.85	20.94		
3	16QAM	8	7	20.89	20.93	21.01		
3	16QAM	15	0	21.06	21.01	21.05		
3	64QAM	1	0	21.19	21.10	21.10	22	2
3	64QAM	1	8	21.16	21.06	21.01		
3	64QAM	1	14	21.20	21.14	21.12		
3	64QAM	8	0	20.09	20.00	20.14	21	3
3	64QAM	8	4	20.05	19.93	19.92		
3	64QAM	8	7	20.04	20.09	20.08		
3	64QAM	15	0	20.11	19.97	20.11		
3	256QAM	1	0	18.12	18.12	18.20	19	5
3	256QAM	1	8	17.96	18.12	18.11		
3	256QAM	1	14	18.16	17.99	18.13		
3	256QAM	8	0	18.05	17.99	17.89	19	5
3	256QAM	8	4	17.88	18.01	17.94		
3	256QAM	8	7	18.04	17.92	18.00		
3	256QAM	15	0	17.95	18.06	18.08		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.17	23.01	24	0
20	QPSK	1	49	22.95	22.99	22.88		
20	QPSK	1	99	22.87	22.81	23.00		
20	QPSK	50	0	21.89	21.94	21.79	23	1
20	QPSK	50	24	21.79	21.92	21.92		
20	QPSK	50	50	21.73	21.86	21.81		
20	QPSK	100	0	21.78	21.86	21.82		
20	16QAM	1	0	22.30	22.28	22.18	23	1
20	16QAM	1	49	22.27	22.15	22.25		
20	16QAM	1	99	22.23	22.19	22.37		
20	16QAM	50	0	20.95	20.94	20.96	22	2
20	16QAM	50	24	21.06	20.90	20.87		
20	16QAM	50	50	20.96	20.88	21.01		
20	16QAM	100	0	20.86	20.95	20.86		
20	64QAM	1	0	21.18	21.15	21.14	22	2
20	64QAM	1	49	21.25	21.05	21.05		
20	64QAM	1	99	21.24	21.13	21.20		
20	64QAM	50	0	20.02	19.92	19.95	21	3
20	64QAM	50	24	19.97	19.98	19.81		
20	64QAM	50	50	19.81	20.01	20.01		
20	64QAM	100	0	19.97	19.93	19.99		
20	256QAM	1	0	18.22	18.09	18.04	19	5
20	256QAM	1	49	18.18	18.00	18.04		
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84	19	5
20	256QAM	50	24	17.85	17.88	17.81		
20	256QAM	50	50	17.78	17.97	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.92	22.94	22.73	24	0
15	QPSK	1	37	22.68	22.79	22.47		
15	QPSK	1	74	22.86	22.75	22.55		
15	QPSK	36	0	21.74	21.86	21.69	23	1
15	QPSK	36	20	21.69	21.65	21.81		
15	QPSK	36	39	21.81	21.86	21.80		
15	QPSK	75	0	21.72	21.81	21.68		
15	16QAM	1	0	21.99	22.00	22.02	23	1
15	16QAM	1	37	21.91	22.06	21.97		
15	16QAM	1	74	22.05	22.06	22.11		
15	16QAM	36	0	20.94	20.86	20.93	22	2
15	16QAM	36	20	20.76	20.72	20.74		
15	16QAM	36	39	20.98	20.77	20.84		
15	16QAM	75	0	20.78	20.78	20.84		
15	64QAM	1	0	20.84	20.92	20.90	22	2
15	64QAM	1	37	20.79	21.05	21.05		
15	64QAM	1	74	20.98	20.84	20.92		
15	64QAM	36	0	19.95	19.79	19.78	21	3
15	64QAM	36	20	19.78	19.78	19.77		
15	64QAM	36	39	19.96	19.92	19.79		
15	64QAM	75	0	19.83	19.81	19.80		
15	256QAM	1	0	17.93	17.87	17.77	19	5
15	256QAM	1	37	17.78	17.87	17.92		
15	256QAM	1	74	17.87	17.83	17.87		
15	256QAM	36	0	17.81	17.76	17.82	19	5
15	256QAM	36	20	17.86	17.78	17.91		
15	256QAM	36	39	17.74	17.87	17.89		
15	256QAM	75	0	17.84	17.86	17.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.89	22.93	22.73	24	0
10	QPSK	1	25	22.66	22.81	22.56		
10	QPSK	1	49	22.83	22.74	22.56		
10	QPSK	25	0	21.74	21.91	21.77	23	1
10	QPSK	25	12	21.69	21.66	21.86		
10	QPSK	25	25	21.78	21.86	21.83		
10	QPSK	50	0	21.74	21.86	21.63		
10	16QAM	1	0	22.02	21.99	21.97	23	1
10	16QAM	1	25	22.00	22.09	21.97		
10	16QAM	1	49	22.06	22.01	22.13		
10	16QAM	25	0	20.95	20.84	20.86	22	2
10	16QAM	25	12	20.81	20.72	20.76		
10	16QAM	25	25	20.99	20.76	20.86		
10	16QAM	50	0	20.81	20.78	20.80		
10	64QAM	1	0	20.83	20.93	20.87	22	2
10	64QAM	1	25	20.83	21.01	21.01		
10	64QAM	1	49	20.92	20.79	20.95		
10	64QAM	25	0	19.97	19.80	19.82	21	3
10	64QAM	25	12	19.76	19.76	19.78		
10	64QAM	25	25	19.95	19.98	19.76		
10	64QAM	50	0	19.84	19.84	19.79		
10	256QAM	1	0	17.93	17.83	17.79	19	5
10	256QAM	1	25	17.87	17.88	17.91		
10	256QAM	1	49	17.84	17.83	17.87		
10	256QAM	25	0	17.88	17.80	17.83	19	5
10	256QAM	25	12	17.84	17.85	17.96		
10	256QAM	25	25	17.80	17.92	17.64		
10	256QAM	50	0	17.84	17.82	17.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.88	22.93	22.68	24	0
5	QPSK	1	12	22.75	22.83	22.55		
5	QPSK	1	24	22.87	22.79	22.57		
5	QPSK	12	0	21.74	21.89	21.74	23	1
5	QPSK	12	7	21.66	21.86	21.87		
5	QPSK	12	13	21.88	21.80	21.77		
5	QPSK	25	0	21.81	21.84	21.72		
5	16QAM	1	0	21.96	22.02	21.95	23	1
5	16QAM	1	12	21.97	22.02	21.97		
5	16QAM	1	24	22.12	22.06	22.07		
5	16QAM	12	0	20.91	20.80	20.91	22	2
5	16QAM	12	7	20.78	20.76	20.72		
5	16QAM	12	13	20.93	20.78	20.82		
5	16QAM	25	0	20.81	20.84	20.77		
5	64QAM	1	0	20.82	20.93	20.87	22	2
5	64QAM	1	12	20.86	21.06	21.04		
5	64QAM	1	24	20.97	20.87	20.91		
5	64QAM	12	0	19.94	19.79	19.79	21	3
5	64QAM	12	7	19.75	19.79	19.74		
5	64QAM	12	13	19.98	19.94	19.75		
5	64QAM	25	0	19.80	19.83	19.80		
5	256QAM	1	0	17.90	17.88	17.76	19	5
5	256QAM	1	12	17.80	17.86	17.99		
5	256QAM	1	24	17.85	17.83	17.89		
5	256QAM	12	0	17.82	17.80	17.89	19	5
5	256QAM	12	7	17.85	17.80	17.95		
5	256QAM	12	13	17.74	17.95	17.71		
5	256QAM	25	0	17.77	17.85	17.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.92	22.94	22.69	24	0
3	QPSK	1	8	22.69	22.85	22.53		
3	QPSK	1	14	22.92	22.73	22.50		
3	QPSK	8	0	21.71	21.90	21.75	23	1
3	QPSK	8	4	21.73	21.69	21.88		
3	QPSK	8	7	21.86	21.78	21.78		
3	QPSK	15	0	21.74	21.86	21.71		
3	16QAM	1	0	21.95	22.00	22.01	23	1
3	16QAM	1	8	21.93	22.06	22.03		
3	16QAM	1	14	22.04	22.05	22.14		
3	16QAM	8	0	20.90	20.82	20.88	22	2
3	16QAM	8	4	20.79	20.76	20.79		
3	16QAM	8	7	20.97	20.77	20.83		
3	16QAM	15	0	20.82	20.82	20.83		
3	64QAM	1	0	20.85	20.96	20.86	22	2
3	64QAM	1	8	20.84	21.10	21.06		
3	64QAM	1	14	20.92	20.89	20.95		
3	64QAM	8	0	19.88	19.83	19.78	21	3
3	64QAM	8	4	19.76	19.76	19.70		
3	64QAM	8	7	19.96	19.93	19.71		
3	64QAM	15	0	19.77	19.78	19.73		
3	256QAM	1	0	17.89	17.82	17.77	19	5
3	256QAM	1	8	17.82	17.94	18.00		
3	256QAM	1	14	17.89	17.83	17.84		
3	256QAM	8	0	17.82	17.85	17.84	19	5
3	256QAM	8	4	17.88	17.85	17.92		
3	256QAM	8	7	17.72	17.96	17.68		
3	256QAM	15	0	17.81	17.79	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.58	22.72	22.50	24	0
1.4	QPSK	1	3	22.63	22.59	22.36		
1.4	QPSK	1	5	22.68	22.52	22.53		
1.4	QPSK	3	0	22.59	22.82	22.54		
1.4	QPSK	3	1	22.58	22.59	22.34		
1.4	QPSK	3	3	22.66	22.50	22.50		
1.4	QPSK	6	0	21.44	21.69	21.50	23	1
1.4	16QAM	1	0	21.91	21.91	21.73	23	1
1.4	16QAM	1	3	21.88	21.90	21.94		
1.4	16QAM	1	5	21.79	21.73	21.94		
1.4	16QAM	3	0	21.82	21.88	21.67		
1.4	16QAM	3	1	21.96	22.02	21.94		
1.4	16QAM	3	3	21.74	21.68	21.98		
1.4	16QAM	6	0	20.64	20.57	20.68	22	2
1.4	64QAM	1	0	20.79	20.77	20.73	22	2
1.4	64QAM	1	3	20.88	20.72	20.77		
1.4	64QAM	1	5	20.61	20.69	20.90		
1.4	64QAM	3	0	20.72	20.70	20.73		
1.4	64QAM	3	1	20.86	20.75	20.80		
1.4	64QAM	3	3	20.63	20.69	20.80		
1.4	64QAM	6	0	19.48	19.58	19.68	21	3
1.4	256QAM	1	0	17.72	17.57	17.36	19	5
1.4	256QAM	1	3	17.69	17.55	17.53		
1.4	256QAM	1	5	17.70	17.57	17.59		
1.4	256QAM	3	0	17.50	17.52	17.52		
1.4	256QAM	3	1	17.59	17.59	17.41		
1.4	256QAM	3	3	17.65	17.44	17.43		
1.4	256QAM	6	0	17.59	17.53	17.69	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.95	23.00	22.88	23.5	0
20	QPSK	1	49	22.75	22.82	22.86		
20	QPSK	1	99	22.80	22.81	22.84		
20	QPSK	50	0	22.00	22.05	21.83	22.5	1
20	QPSK	50	24	22.00	21.86	21.99		
20	QPSK	50	50	21.86	21.91	22.03		
20	QPSK	100	0	21.92	22.02	21.76		
20	16QAM	1	0	22.00	22.07	22.05	22.5	1
20	16QAM	1	49	22.16	22.20	22.17		
20	16QAM	1	99	22.20	22.08	22.13		
20	16QAM	50	0	21.13	21.09	21.18	21.5	2
20	16QAM	50	24	21.04	21.13	21.17		
20	16QAM	50	50	21.03	21.08	21.07		
20	16QAM	100	0	20.99	21.05	21.12		
20	64QAM	1	0	20.69	20.75	20.64	21.5	2
20	64QAM	1	49	20.73	20.67	20.76		
20	64QAM	1	99	20.86	20.81	20.75		
20	64QAM	50	0	20.11	20.14	20.07	20.5	3
20	64QAM	50	24	20.09	20.08	20.09		
20	64QAM	50	50	20.08	20.17	20.25		
20	64QAM	100	0	20.14	20.03	20.14		
20	256QAM	1	0	18.06	17.94	17.92	18.5	5
20	256QAM	1	49	18.07	17.89	17.97		
20	256QAM	1	99	17.84	17.99	17.83		
20	256QAM	50	0	18.20	18.13	18.13	18.5	5
20	256QAM	50	24	18.00	18.06	18.24		
20	256QAM	50	50	18.13	18.23	18.20		
20	256QAM	100	0	18.12	18.02	18.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.88	22.75	23.5	0
15	QPSK	1	37	22.69	22.87	22.56		
15	QPSK	1	74	22.84	22.72	22.58		
15	QPSK	36	0	21.67	21.84	21.69	22.5	1
15	QPSK	36	20	21.64	21.62	21.81		
15	QPSK	36	39	21.84	21.83	21.81		
15	QPSK	75	0	21.72	21.85	21.70		
15	16QAM	1	0	22.00	22.00	22.01	22.5	1
15	16QAM	1	37	21.95	22.07	21.98		
15	16QAM	1	74	22.13	22.02	22.12		
15	16QAM	36	0	20.90	20.85	20.92	21.5	2
15	16QAM	36	20	20.77	20.70	20.78		
15	16QAM	36	39	20.97	20.81	20.86		
15	16QAM	75	0	20.85	20.76	20.76		
15	64QAM	1	0	20.84	20.95	20.88	21.5	2
15	64QAM	1	37	20.82	21.06	21.07		
15	64QAM	1	74	20.90	20.80	20.87		
15	64QAM	36	0	19.93	19.80	19.80	20.5	3
15	64QAM	36	20	19.80	19.77	19.70		
15	64QAM	36	39	19.98	19.96	19.78		
15	64QAM	75	0	19.85	19.80	19.76		
15	256QAM	1	0	17.96	17.84	17.75	18.5	5
15	256QAM	1	37	17.85	17.89	17.97		
15	256QAM	1	74	17.79	17.84	17.89		
15	256QAM	36	0	17.88	17.82	17.86	18.5	5
15	256QAM	36	20	17.84	17.82	17.90		
15	256QAM	36	39	17.74	17.92	17.69		
15	256QAM	75	0	17.77	17.78	17.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.87	22.86	22.65	23.5	0
10	QPSK	1	25	22.76	22.83	22.55		
10	QPSK	1	49	22.91	22.78	22.52		
10	QPSK	25	0	21.72	21.81	21.76	22.5	1
10	QPSK	25	12	21.71	21.61	21.83		
10	QPSK	25	25	21.85	21.85	21.82		
10	QPSK	50	0	21.79	21.82	21.65		
10	16QAM	1	0	22.01	21.98	21.97	22.5	1
10	16QAM	1	25	21.97	22.11	22.04		
10	16QAM	1	49	22.05	22.01	22.12		
10	16QAM	25	0	20.91	20.86	20.88	21.5	2
10	16QAM	25	12	20.77	20.73	20.78		
10	16QAM	25	25	20.95	20.78	20.82		
10	16QAM	50	0	20.82	20.78	20.85		
10	64QAM	1	0	20.87	20.97	20.82	21.5	2
10	64QAM	1	25	20.83	21.04	21.03		
10	64QAM	1	49	20.93	20.88	20.90		
10	64QAM	25	0	19.93	19.82	19.80	20.5	3
10	64QAM	25	12	19.74	19.78	19.76		
10	64QAM	25	25	19.97	19.93	19.78		
10	64QAM	50	0	19.77	19.84	19.78		
10	256QAM	1	0	17.91	17.85	17.75	18.5	5
10	256QAM	1	25	17.83	17.91	17.99		
10	256QAM	1	49	17.89	17.81	17.89		
10	256QAM	25	0	17.90	17.80	17.79	18.5	5
10	256QAM	25	12	17.83	17.83	17.96		
10	256QAM	25	25	17.75	17.93	17.69		
10	256QAM	50	0	17.80	17.81	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	22.92	22.65	23.5	0
5	QPSK	1	12	22.73	22.78	22.52		
5	QPSK	1	24	22.85	22.69	22.58		
5	QPSK	12	0	21.67	21.89	21.70	22.5	1
5	QPSK	12	7	21.73	21.61	21.86		
5	QPSK	12	13	21.78	21.81	21.76		
5	QPSK	25	0	21.79	21.82	21.70		
5	16QAM	1	0	22.00	21.94	22.01	22.5	1
5	16QAM	1	12	21.92	22.04	22.03		
5	16QAM	1	24	22.08	22.01	22.08		
5	16QAM	12	0	20.97	20.79	20.88	21.5	2
5	16QAM	12	7	20.77	20.71	20.72		
5	16QAM	12	13	20.93	20.77	20.86		
5	16QAM	25	0	20.84	20.82	20.76		
5	64QAM	1	0	20.87	20.91	20.85	21.5	2
5	64QAM	1	12	20.86	21.03	21.06		
5	64QAM	1	24	20.98	20.86	20.87		
5	64QAM	12	0	19.88	19.84	19.79	20.5	3
5	64QAM	12	7	19.80	19.77	19.68		
5	64QAM	12	13	19.97	19.94	19.71		
5	64QAM	25	0	19.82	19.83	19.72		
5	256QAM	1	0	17.95	17.84	17.70	18.5	5
5	256QAM	1	12	17.81	17.90	17.97		
5	256QAM	1	24	17.81	17.88	17.90		
5	256QAM	12	0	17.83	17.78	17.80	18.5	5
5	256QAM	12	7	17.86	17.84	17.96		
5	256QAM	12	13	17.74	17.90	17.63		
5	256QAM	25	0	17.79	17.80	17.86		

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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	23.01	22.97	23.05	22.88	22.79	23.5	0
20	QPSK	1	49	22.81	22.88	22.95	22.82	22.98		
20	QPSK	1	99	22.92	22.98	22.80	22.82	22.80		
20	QPSK	50	0	21.97	21.93	22.09	21.89	22.02	22.5	1
20	QPSK	50	24	22.01	21.94	22.03	21.87	22.06		
20	QPSK	50	50	21.87	22.08	21.96	21.86	22.05		
20	QPSK	100	0	21.98	21.93	22.00	21.83	21.80		
20	16QAM	1	0	22.05	21.98	22.10	22.09	22.22	22.5	1
20	16QAM	1	49	22.08	22.09	22.16	22.18	22.17		
20	16QAM	1	99	22.02	22.16	22.18	22.21	22.21		
20	16QAM	50	0	21.20	21.17	21.11	21.23	21.08	21.5	2
20	16QAM	50	24	21.24	21.20	21.11	21.10	21.22		
20	16QAM	50	50	21.01	21.21	21.06	21.03	20.99		
20	16QAM	100	0	21.17	21.10	21.06	21.14	21.19		
20	64QAM	1	0	20.71	20.87	20.79	20.90	20.89	21.5	2
20	64QAM	1	49	20.83	20.70	20.85	20.75	20.76		
20	64QAM	1	99	20.78	20.80	20.90	20.68	20.75		
20	64QAM	50	0	19.99	20.20	20.11	20.08	20.01	20.5	3
20	64QAM	50	24	20.13	20.16	20.17	20.02	20.08		
20	64QAM	50	50	20.07	20.05	20.13	20.05	20.00		
20	64QAM	100	0	20.01	19.98	20.02	20.02	20.15		
20	256QAM	1	0	17.92	17.97	17.94	18.05	17.91	18.5	5
20	256QAM	1	49	17.84	17.97	18.00	17.92	17.85		
20	256QAM	1	99	17.87	18.03	17.90	18.03	17.90		
20	256QAM	50	0	18.25	18.06	18.13	18.25	18.16	18.5	5
20	256QAM	50	24	18.06	18.14	18.15	18.20	18.22		
20	256QAM	50	50	18.12	18.24	18.21	18.24	18.15		
20	256QAM	100	0	17.96	17.98	18.03	17.98	17.96		
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	22.91	22.90	22.93	22.78	22.72	24	0
15	QPSK	1	37	22.78	22.82	22.90	22.71	22.90		
15	QPSK	1	74	22.84	22.94	22.68	22.78	22.76		
15	QPSK	36	0	21.85	21.81	22.05	21.85	21.94	22.5	1
15	QPSK	36	20	21.98	21.91	21.94	21.76	22.03		
15	QPSK	36	39	21.78	22.03	21.91	21.79	21.99		
15	QPSK	75	0	21.94	21.88	21.93	21.78	21.70		
15	16QAM	1	0	22.02	21.87	22.02	22.04	22.10	22.5	1
15	16QAM	1	37	21.99	22.02	22.09	22.09	22.13		
15	16QAM	1	74	21.91	22.11	22.14	22.10	22.15		
15	16QAM	36	0	21.09	21.07	21.04	21.11	20.98	21.5	2
15	16QAM	36	20	21.16	21.07	21.04	20.97	21.15		
15	16QAM	36	39	20.96	21.09	20.96	20.93	20.91		
15	16QAM	75	0	21.09	20.97	20.96	21.01	21.08		
15	64QAM	1	0	20.61	20.78	20.73	20.79	20.81	21.5	2
15	64QAM	1	37	20.76	20.57	20.75	20.69	20.72		
15	64QAM	1	74	20.75	20.69	20.77	20.64	20.71		
15	64QAM	36	0	19.88	20.11	20.04	19.98	19.89	20.5	3
15	64QAM	36	20	20.02	20.12	20.10	19.90	19.96		
15	64QAM	36	39	20.01	19.93	20.07	19.96	19.93		
15	64QAM	75	0	19.89	19.94	19.96	19.90	20.06		
15	256QAM	1	0	17.80	17.87	17.91	18.01	17.86	18.5	5
15	256QAM	1	37	17.75	17.87	17.91	17.85	17.77		
15	256QAM	1	74	17.76	17.98	17.79	17.90	17.78		
15	256QAM	36	0	18.16	17.93	18.02	18.13	18.12	18.5	5
15	256QAM	36	20	17.94	18.09	18.04	18.13	18.10		
15	256QAM	36	39	17.99	18.19	18.17	18.14	18.11		
15	256QAM	75	0	17.88	17.94	18.00	17.86	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	22.94	23.00	22.78	22.75	24	0
10	QPSK	1	25	22.68	22.77	22.86	22.78	22.93		
10	QPSK	1	49	22.82	22.93	22.74	22.71	22.68		
10	QPSK	25	0	21.88	21.88	22.03	21.79	21.91	22.5	1
10	QPSK	25	12	21.97	21.91	21.99	21.79	21.99		
10	QPSK	25	25	21.76	22.01	21.87	21.79	21.97		
10	QPSK	50	0	21.92	21.83	21.93	21.77	21.69		
10	16QAM	1	0	22.00	21.94	21.98	22.03	22.17	22.5	1
10	16QAM	1	25	21.97	22.03	22.05	22.09	22.11		
10	16QAM	1	49	21.97	22.12	22.08	22.15	22.09		
10	16QAM	25	0	21.13	21.13	21.05	21.13	21.02	21.5	2
10	16QAM	25	12	21.16	21.15	21.00	21.00	21.15		
10	16QAM	25	25	20.92	21.13	20.94	20.92	20.86		
10	16QAM	50	0	21.10	21.02	20.98	21.01	21.13		
10	64QAM	1	0	20.59	20.75	20.74	20.64	20.79	21.5	2
10	64QAM	1	25	20.79	20.61	20.80	20.63	20.66		
10	64QAM	1	49	20.66	20.71	20.80	20.60	20.71		
10	64QAM	25	0	19.90	20.13	19.99	20.02	19.91	20.5	3
10	64QAM	25	12	20.04	20.04	20.07	19.91	19.97		
10	64QAM	25	25	20.01	19.98	20.03	20.01	19.90		
10	64QAM	50	0	19.97	19.87	19.96	19.96	20.03		
10	256QAM	1	0	17.88	17.86	17.91	18.01	17.79	18.5	5
10	256QAM	1	25	17.78	17.90	17.92	17.83	17.81		
10	256QAM	1	49	17.81	17.96	17.78	17.91	17.79		
10	256QAM	25	0	18.17	17.93	18.03	18.19	18.11	18.5	5
10	256QAM	25	12	17.97	18.01	18.04	18.09	18.18		
10	256QAM	25	25	18.07	18.11	18.10	18.16	18.04		
10	256QAM	50	0	17.92	17.90	17.92	17.90	17.83		
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	22.96	22.86	22.98	22.82	22.72	24	0
5	QPSK	1	12	22.77	22.85	22.82	22.71	22.88		
5	QPSK	1	24	22.83	22.90	22.69	22.73	22.72		
5	QPSK	12	0	21.86	21.85	21.96	21.86	21.93	22.5	1
5	QPSK	12	7	21.90	21.84	21.98	21.76	21.98		
5	QPSK	12	13	21.81	22.01	21.84	21.80	22.00		
5	QPSK	25	0	21.91	21.83	21.91	21.76	21.73		
5	16QAM	1	0	21.97	21.87	22.07	22.04	22.11	22.5	1
5	16QAM	1	12	21.99	22.04	22.08	22.07	22.04		
5	16QAM	1	24	21.93	22.10	22.05	22.10	22.15		
5	16QAM	12	0	21.14	21.05	21.07	21.11	20.96	21.5	2
5	16QAM	12	7	21.13	21.09	21.07	21.01	21.14		
5	16QAM	12	13	20.94	21.14	21.03	20.94	20.90		
5	16QAM	25	0	21.09	21.01	20.96	21.08	21.07		
5	64QAM	1	0	20.67	20.84	20.76	20.82	20.84	21.5	2
5	64QAM	1	12	20.76	20.63	20.74	20.66	20.66		
5	64QAM	1	24	20.74	20.73	20.77	20.57	20.65		
5	64QAM	12	0	19.92	20.11	20.04	19.96	19.90	20.5	3
5	64QAM	12	7	20.04	20.09	20.06	19.98	20.04		
5	64QAM	12	13	19.98	19.98	20.07	19.98	19.87		
5	64QAM	25	0	19.97	19.91	19.97	19.96	20.06		
5	256QAM	1	0	17.83	17.91	17.85	17.92	17.80	18.5	5
5	256QAM	1	12	17.72	17.93	17.90	17.82	17.77		
5	256QAM	1	24	17.82	17.94	17.80	17.99	17.86		
5	256QAM	12	0	18.22	17.98	18.04	18.16	18.07	18.5	5
5	256QAM	12	7	17.95	18.02	18.06	18.08	18.16		
5	256QAM	12	13	18.05	18.15	18.16	18.21	18.06		
5	256QAM	25	0	17.89	17.93	17.94	17.90	17.89		

Band 41 HPUE Ant2

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	24.42	24.30	24.49	24.22	24.07	25.1	0
20	QPSK	1	49	24.16	24.39	24.44	24.04	24.18		
20	QPSK	1	99	24.15	24.24	24.25	24.17	24.19		
20	QPSK	50	0	24.32	24.31	24.46	24.21	24.09	25.1	0
20	QPSK	50	24	24.11	24.39	24.43	24.00	24.17		
20	QPSK	50	50	24.18	24.27	24.27	24.19	24.24		
20	QPSK	100	0	24.33	24.29	24.38	24.13	24.11		
20	16QAM	1	0	24.30	24.32	24.42	24.24	24.07	25.1	0
20	16QAM	1	49	24.15	24.38	24.38	24.02	24.11		
20	16QAM	1	99	24.27	24.26	24.23	24.19	24.18		
20	16QAM	50	0	24.17	24.15	24.08	23.98	24.02	24.6	0.5
20	16QAM	50	24	23.96	24.06	24.00	24.11	24.20		
20	16QAM	50	50	24.19	24.11	24.20	24.09	24.03		
20	16QAM	100	0	24.04	23.96	24.04	24.04	24.10		
20	64QAM	1	0	23.99	24.02	24.07	24.20	24.00	24.6	0.5
20	64QAM	1	49	24.17	24.18	24.20	24.19	24.10		
20	64QAM	1	99	24.00	24.10	24.06	24.12	23.95		
20	64QAM	50	0	23.03	23.05	23.12	23.21	23.19	23.6	1.5
20	64QAM	50	24	23.19	23.01	23.17	23.16	23.23		
20	64QAM	50	50	23.18	23.07	23.03	22.99	23.13		
20	64QAM	100	0	22.99	22.97	23.05	22.93	22.95		
20	256QAM	1	0	21.13	20.98	21.11	21.07	21.05	21.6	3.5
20	256QAM	1	49	21.13	21.00	21.09	21.20	21.08		
20	256QAM	1	99	21.11	21.09	21.13	21.16	21.04		
20	256QAM	50	0	21.21	21.24	21.14	21.25	21.08	21.6	3.5
20	256QAM	50	24	21.07	21.11	21.25	21.22	21.12		
20	256QAM	50	50	21.06	21.08	21.09	21.13	21.26		
20	256QAM	100	0	21.09	20.94	21.04	21.06	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	24.24	24.23	24.38	24.15	23.93	25	0
15	QPSK	1	37	24.03	24.36	24.36	23.93	24.13		
15	QPSK	1	74	24.13	24.08	24.22	24.14	24.10		
15	QPSK	36	0	24.22	24.20	24.31	24.16	24.00	25.1	0
15	QPSK	36	20	23.96	24.29	24.37	23.98	24.15		
15	QPSK	36	39	24.07	24.12	24.18	24.02	24.15		
15	QPSK	75	0	24.17	24.22	24.36	24.10	23.94		
15	16QAM	1	0	24.27	24.16	24.27	24.15	24.01	25.1	0
15	16QAM	1	37	24.06	24.27	24.34	23.90	24.07		
15	16QAM	1	74	24.14	24.20	24.17	24.04	24.03		
15	16QAM	36	0	24.09	24.12	23.96	23.94	23.95	24.6	0.5
15	16QAM	36	20	23.86	23.99	23.94	24.08	24.08		
15	16QAM	36	39	24.05	23.96	24.04	23.94	23.92		
15	16QAM	75	0	23.93	23.94	23.98	23.89	23.93		
15	64QAM	1	0	23.94	23.89	24.02	24.06	23.85	24.6	0.5
15	64QAM	1	37	24.15	24.05	24.17	24.10	23.97		
15	64QAM	1	74	23.93	24.01	23.94	24.05	23.79		
15	64QAM	36	0	22.97	22.88	23.05	23.11	23.04	23.6	1.5
15	64QAM	36	20	23.13	22.96	23.02	23.11	23.12		
15	64QAM	36	39	23.04	22.93	22.91	22.90	23.08		
15	64QAM	75	0	22.85	22.94	22.97	22.78	22.88		
15	256QAM	1	0	20.97	20.96	21.08	20.96	20.94	21.6	3.5
15	256QAM	1	37	21.01	20.98	21.06	21.16	21.00		
15	256QAM	1	74	21.02	21.02	21.11	21.10	20.97		
15	256QAM	36	0	21.04	21.16	21.08	21.22	20.93	21.6	3.5
15	256QAM	36	20	20.97	21.07	21.15	21.16	21.03		
15	256QAM	36	39	21.01	20.91	20.96	20.96	21.12		
15	256QAM	75	0	20.94	20.76	20.97	20.95	21.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.35	24.22	24.39	24.11	23.96	25	0
10	QPSK	1	25	24.13	24.22	24.32	23.98	24.01		
10	QPSK	1	49	24.07	24.17	24.23	24.13	24.06		
10	QPSK	25	0	24.17	24.16	24.28	24.15	24.02	25.1	0
10	QPSK	25	12	24.02	24.34	24.26	23.91	24.14		
10	QPSK	25	25	24.05	24.14	24.24	24.09	24.21		
10	QPSK	50	0	24.21	24.15	24.29	24.02	24.01		
10	16QAM	1	0	24.21	24.24	24.38	24.12	24.03	25.1	0
10	16QAM	1	25	24.05	24.22	24.33	23.90	23.93		
10	16QAM	1	49	24.12	24.09	24.20	24.07	24.14		
10	16QAM	25	0	24.10	24.04	24.04	23.89	23.92	24.6	0.5
10	16QAM	25	12	23.79	24.02	23.88	23.99	24.13		
10	16QAM	25	25	24.12	23.95	24.13	24.06	23.85		
10	16QAM	50	0	23.87	23.79	23.97	23.91

GSM1900 Ant9	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	29.69	29.82	29.71	30.50	20.69	20.82	20.71	21.50
GPRS 1 Tx slot	29.67	29.76	29.70	30.50	20.67	20.76	20.70	21.50
GPRS 2 Tx slots	26.74	26.77	26.63	27.50	20.74	20.77	20.63	21.50
GPRS 3 Tx slots	24.91	25.02	24.98	26.00	20.65	20.76	20.72	21.74
GPRS 4 Tx slots	23.80	23.87	23.85	25.00	20.80	20.87	20.85	22.00
EDGE 1 Tx slot	25.90	26.01	25.91	27.00	16.90	17.01	16.91	18.00
EDGE 2 Tx slots	24.68	24.74	24.63	25.50	18.68	18.74	18.63	19.50
EDGE 3 Tx slots	22.05	22.14	22.12	23.00	17.79	17.88	17.86	18.74
EDGE 4 Tx slots	20.48	20.61	20.57	21.50	17.48	17.61	17.57	18.50

Band		WCDMA II Ant9			Tune-up Limit (dBm)	WCDMA IV Ant9			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	20.79	20.84	20.69	21.50	22.23	22.29	22.25	23.00
3GPP Rel 99	RMC 12.2Kbps	20.81	20.86	20.75	21.50	22.31	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	19.85	19.84	19.64	20.50	21.32	21.29	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	19.74	19.75	19.52	20.50	21.25	21.23	21.01	22.00
3GPP Rel 6	HSDPA Subtest-3	19.17	19.10	19.03	20.00	20.71	20.67	20.44	21.50
3GPP Rel 6	HSDPA Subtest-4	19.12	19.07	19.15	20.00	20.58	20.61	20.66	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.61	19.78	19.60	20.50	21.07	21.26	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.59	19.79	19.78	20.50	21.10	21.33	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.24	19.18	19.11	20.00	20.75	20.67	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.18	19.20	19.30	20.00	20.65	20.71	20.75	21.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.59	19.80	20.50	21.17	21.13	21.29	22.00
3GPP Rel 6	HSUPA Subtest-2	17.53	17.67	17.62	18.50	19.05	19.16	19.09	20.00
3GPP Rel 6	HSUPA Subtest-3	18.90	18.83	18.51	19.50	20.37	20.37	20.03	21.00
3GPP Rel 6	HSUPA Subtest-4	17.75	17.83	17.58	18.50	19.32	19.26	19.09	20.00
3GPP Rel 6	HSUPA Subtest-5	19.75	19.85	19.52	20.50	21.32	21.34	20.98	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.34	17.33	17.27	18.00	18.75	18.83	18.70	19.50

Band 2 Ant9

BW [MHz]	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	20.38	20.58	20.30	21.6	0
20	QPSK	1	49	20.31	20.42	20.36		
20	QPSK	1	99	20.39	20.49	20.37		
20	QPSK	50	0	20.37	20.56	20.39		
20	QPSK	50	24	20.29	20.43	20.24		
20	QPSK	50	50	20.23	20.53	20.18		
20	QPSK	100	0	20.34	20.54	20.34		
20	16QAM	1	0	20.30	20.43	20.20		
20	16QAM	1	49	20.20	20.54	20.20		
20	16QAM	1	99	20.34	20.49	20.33		
20	16QAM	50	0	20.27	20.46	20.15		
20	16QAM	50	24	20.21	20.56	20.18		
20	16QAM	50	50	20.33	20.55	20.36		
20	16QAM	100	0	20.27	20.40	20.15		
20	64QAM	1	0	20.25	20.50	20.20		
20	64QAM	1	49	20.38	20.57	20.40		
20	64QAM	1	99	20.25	20.42	20.25		
20	64QAM	50	0	19.90	19.79	19.86		
20	64QAM	50	24	19.70	19.79	19.89		
20	64QAM	50	50	19.92	19.69	19.72		
20	64QAM	100	0	19.85	19.80	19.87		
20	256QAM	1	0	17.78	17.87	17.84		
20	256QAM	1	49	17.89	17.83	17.82		
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62		
20	256QAM	50	24	17.84	17.87	17.63		
20	256QAM	50	50	17.73	17.71	17.87		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.29	20.56	20.21		
15	QPSK	1	37	20.22	20.36	20.29		
15	QPSK	1	74	20.36	20.32	20.22		
15	QPSK	36	0	20.29	20.49	20.33		
15	QPSK	36	20	20.21	20.37	20.14		
15	QPSK	36	39	20.18	20.41	20.14		
15	QPSK	75	0	20.31	20.41	20.28		
15	16QAM	1	0	20.19	20.33	20.15		
15	16QAM	1	37	20.11	20.37	20.13		
15	16QAM	1	74	20.25	20.33	20.20		
15	16QAM	36	0	20.11	20.42	20.11		
15	16QAM	36	20	20.05	20.41	20.14		
15	16QAM	36	39	20.25	20.47	20.29		
15	16QAM	75	0	20.21	20.32	20.10		
15	64QAM	1	0	20.08	20.36	20.10		
15	64QAM	1	37	20.21	20.42	20.31		
15	64QAM	1	74	20.19	20.25	20.15		
15	64QAM	36	0	19.85	19.66	19.71		
15	64QAM	36	20	19.96	19.64	19.73		
15	64QAM	36	39	19.75	19.54	19.56		
15	64QAM	75	0	19.74	19.67	19.70		
15	256QAM	1	0	17.67	17.81	17.68		
15	256QAM	1	37	17.87	17.79	17.66		
15	256QAM	1	74	17.80	17.84	17.69		
15	256QAM	36	0	17.72	17.60	17.55		
15	256QAM	36	20	17.71	17.77	17.56		
15	256QAM	36	39	17.64	17.67	17.81		
15	256QAM	75	0	17.74	17.62	17.54		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.23	20.42	20.26		
10	QPSK	1	25	20.23	20.36	20.32		
10	QPSK	1	49	20.24	20.37	20.23		
10	QPSK	25	0	20.21	20.50	20.26		
10	QPSK	25	12	20.23	20.26	20.21		
10	QPSK	25	25	20.14	20.46	20.14		
10	QPSK	50	0	20.23	20.42	20.26		
10	16QAM	1	0	20.26	20.29	20.12		
10	16QAM	1	25	20.17	20.41	20.06		
10	16QAM	1	49	20.24	20.33	20.19		
10	16QAM	25	0	20.11	20.43	20.08		
10	16QAM	25	12	20.10	20.49	20.06		
10	16QAM	25	25	20.29	20.51	20.22		
10	16QAM	50	0	20.13	20.36	19.99		
10	64QAM	1	0	20.13	20.38	20.14		
10	64QAM	1	25	20.32	20.46	20.32		
10	64QAM	1	49	20.16	20.32	20.08		
10	64QAM	25	0	19.80	19.77	19.77		
10	64QAM	25	12	19.60	19.65	19.81		
10	64QAM	25	25	19.86	19.51	19.55		
10	64QAM	50	0	19.72	19.75	19.85		
10	256QAM	1	0	17.71	17.84	17.80		
10	256QAM	1	25	17.78	17.81	17.69		
10	256QAM	1	49	17.75	17.59	17.64		
10	256QAM	25	0	17.82	17.57	17.53		
10	256QAM	25	12	17.67	17.82	17.61		
10	256QAM	25	25	17.61	17.55	17.77		
10	256QAM	50	0	17.76	17.62	17.62		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.29	20.50	20.19		
5	QPSK	1	12	20.18	20.33	20.30		
5	QPSK	1	24	20.22	20.44	20.24		
5	QPSK	12	0	20.29	20.48	20.28		
5	QPSK	12	7	20.24	20.29	20.19		
5	QPSK	12	13	20.07	20.49	20.08		
5	QPSK	25	0	20.19	20.51	20.27		
5	16QAM	1	0	20.22	20.30	20.07		
5	16QAM	1	12	20.06	20.37	20.10		
5	16QAM	1	24	20.23	20.39	20.22		
5	16QAM	12	0	20.19	20.41	20.03		
5	16QAM	12	7	20.13	20.38	20.01		
5	16QAM	12	13	20.26	20.39	20.22		
5	16QAM	25	0	20.21	20.24	19.98		
5	64QAM	1	0	20.16	20.45	20.03		
5	64QAM	1	12	20.30	20.50	20.33		
5	64QAM	1	24	20.16	20.28	20.21		
5	64QAM	12	0	19.87	19.77	19.72		
5	64QAM	12	7	19.60	19.65	19.81		
5	64QAM	12	13	19.89	19.59	19.57		
5	64QAM	25	0	19.78	19.70	19.73		
5	256QAM	1	0	17.64	17.78	17.74		
5	256QAM	1	12	17.86	17.74	17.64		
5	256QAM	1	24	17.77	17.67	17.68		
5	256QAM	12	0	17.80	17.66	17.50		
5	256QAM	12	7	17.70	17.82	17.52		
5	256QAM	12	13	17.57	17.58	17.75		
5	256QAM	25	0	17.71	17.69	17.64		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.34	20.46	20.21		
3	QPSK	1	8	20.29	20.25	20.21		
3	QPSK	1	14	20.36	20.40	20.23		
3	QPSK	8	0	20.22	20.52	20.37		
3	QPSK	8	4	20.18	20.29	20.09		
3	QPSK	8	7	20.10	20.37	20.09		
3	QPSK	15	0	20.18	20.42	20.32		
3	16QAM	1	0	20.16	20.30	20.02		
3	16QAM	1	8	20.08	20.38	20.06		
3	16QAM	1	14	20.24	20.35	20.19		
3	16QAM	8	0	20.19	20.33	20.08		
3	16QAM	8	4	20.14	20.53	20.16		
3	16QAM	8	7	20.29	20.45	20.28		
3	16QAM	15	0	20.14	20.33	20.12		
3	64QAM	1	0	20.10	20.35	20.07		
3	64QAM	1	8	20.23	20.53	20.34		
3	64QAM	1	14	20.18	20.25	20.20		
3	64QAM	8	0	19.81	19.64	19.83		
3	64QAM	8	4	19.67	19.66	19.77		
3	64QAM	8	7	19.75	19.57	19.69		
3	64QAM	15	0	19.78	19.68	19.75		
3	256QAM	1	0	17.72	17.79	17.72		
3	256QAM	1	8	17.87	17.69	17.72		
3	256QAM	1	14	17.69	17.65	17.59		
3	256QAM	8	0	17.79	17.65	17.53		
3	256QAM	8	4	17.67	17.81	17.50		
3	256QAM	8	7	17.68	17.65	17.83		
3	256QAM	15	0	17.78	17.71	17.64		
Channel				18607	18900	19192		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.24	20.42	20.14		
1.4	QPSK	1	3	20.27	20.35	20.20		
1.4	QPSK	1	5	20.32	20.40	20.34		
1.4	QPSK	3	0	20.25	20.53	20.36		
1.4	QPSK	3	1	20.12	20.35	20.09		
1.4	QPSK	3	3	20.16	20.42	20.11		
1.4	QPSK	6	0	20.32	20.47	20.23	21.6	0
1.4	16QAM	1	0	20.25	20.29	20.12		
1.4	16QAM	1	3	20.09	20.44	20.07		
1.4	16QAM	1	5	20.26	20.39	20.21		
1.4	16QAM	3	0	20.10	20.32	20.05		
1.4	16QAM	3	1	20.05	20.41	20.05		
1.4	16QAM	3	3	20.23	20.48	20.27		
1.4	16QAM	6	0	20.15	20.27	20.07	21.6	0
1.4	64QAM	1	0	20.14	20.44	20.10		
1.4	64QAM	1	3	20.31	20.45	20.23		
1.4	64QAM	1	5	20.11	20.33	20.19		
1.4	64QAM	3	0	20.28	20.45	20.14		
1.4	64QAM	3	1	20.23	20.30	20.23		
1.4	64QAM	3	3	20.24	20.35	20.31		
1.4	64QAM	6	0	19.73	19.67	19.70	21.1	0.5
1.4	256QAM	1	0	17.69	17.84	17.78		
1.4	256QAM	1	3	17.78	17.66	17.73		
1.4	256QAM	1	5	17.75	17.60	17.58		
1.4	256QAM	3	0	17.79	17.64	17.59		
1.4	256QAM	3	1	17.66	17.75	17.48		
1.4	256QAM	3	3	17.68	17.62	17.71		
1.4	256QAM	6	0	17.77	17.63	17.57	19.1	2.5

Band 4 Ant9

BW [MHz]	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	21.96	22.10	21.94	23.1	0
20	QPSK	1	49	21.80	22.02	21.86		
20	QPSK	1	99	22.01	21.86	21.89		
20	QPSK	50	0	22.02	22.08	22.00		
20	QPSK	50	24	21.98	21.97	21.97		
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.86	22.03	21.85		
20	16QAM	1	0	21.96	22.02	21.94		
20	16QAM	1	49	21.80	22.02	21.86		
20	16QAM	1	99	22.01	21.86	21.89		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22.1	1
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.04	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22.1	1
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.04	20.16	21.1	2
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19.1	4
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19.1	4
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.79	21.99	21.91	23.1	0
15	QPSK	1	37	21.68	21.96	21.71		
15	QPSK	1	74	21.97	21.81	21.84		
15	QPSK	36	0	21.94	22.00	21.89		
15	QPSK	36	20	21.95	21.81	21.93		
15	QPSK	36	39	21.75	21.88	21.87		
15	QPSK	75	0	21.77	21.92	21.79		
15	16QAM	1	0	21.90	21.91	21.85		
15	16QAM	1	37	21.71	21.97	21.78	23.1	0
15	16QAM	1	74	21.91	21.75	21.86		
15	16QAM	36	0	20.91	20.83	21.01		
15	16QAM	36	20	20.81	20.97	20.99	22.1	1
15	16QAM	36	39	20.95	20.91	20.95		
15	16QAM	75	0	20.79	20.98	21.01		
15	64QAM	1	0	21.18	21.10	21.08		
15	64QAM	1	37	21.03	21.10	20.99	22.1	1
15	64QAM	1	74	21.09	21.12	20.93		
15	64QAM	36	0	20.17	20.05	20.10		
15	64QAM	36	20	19.90	19.89	20.06	21.1	2
15	64QAM	36	39	20.02	20.06	20.03		
15	64QAM	75	0	20.13	20.02	19.98		
15	256QAM	1	0	18.10	18.11	18.07		
15	256QAM	1	37	18.13	18.04	18.11	19.1	4
15	256QAM	1	74	18.07	18.16	17.97		
15	256QAM	36	0	18.00	17.84	17.87		
15	256QAM	36	20	18.01	17.77	17.77	19.1	4
15	256QAM	36	39	17.98	17.97	17.96		
15	256QAM	75	0	17.88	18.02	18.14		
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.92	21.94	21.87	23.1	0
10	QPSK	1	25	21.62	21.86	21.70		
10	QPSK	1	49	21.93	21.80	21.79		
10	QPSK	25	0	21.98	21.94	21.93		
10	QPSK	25	12	21.84	21.89	21.90		
10	QPSK	25	25	21.83	22.00	21.90		
10	QPSK	50	0	21.79	21.89	21.74		
10	16QAM	1	0	21.93	21.90	21.79		
10	16QAM	1	25	21.76	21.95	21.77	23.1	0
10	16QAM	1	49	21.83	21.84	21.83		
10	16QAM	25	0	20.88	20.92	21.00		
10	16QAM	25	12	20.89	21.09	21.00	22.1	1
10	16QAM	25	25	21.05	20.86	20.96		
10	16QAM	50	0	20.91	21.01	20.99		
10	64QAM	1	0	21.18	21.07	21.22		
10	64QAM	1	25	21.01	21.13	21.03	22.1	1
10	64QAM	1	49	21.07	21.05	21.00		
10	64QAM	25	0	20.06	19.93	20.15		
10	64QAM	25	12	19.86	19.94	19.99	21.1	2
10	64QAM	25	25	20.05	20.10	19.94		
10	64QAM	50	0	20.17	20.02	19.93		
10	256QAM	1	0	18.06	18.20	18.15		
10	256QAM	1	25	18.02	18.09	18.17	19.1	4
10	256QAM	1	49	18.07	18.04	17.99		
10	256QAM	25	0	18.01	17.98	17.75		
10	256QAM	25	12	17.97	17.88	17.80	19.1	4
10	256QAM	25	25	17.95	18.00	17.93		
10	256QAM	50	0	17.86	18.03	18.13		
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.83	21.95	21.83	23.1	0
5	QPSK	1	12	21.74	21.90	21.75		
5	QPSK	1	24	21.96	21.70	21.74		
5	QPSK	12	0	21.98	21.92	21.90		
5	QPSK	12	7	21.94	21.88	21.88		
5	QPSK	12	13	21.68	21.96	21.86		
5	QPSK	25	0	21.77	22.00	21.77		
5	16QAM	1	0	21.92	21.94	21.86		
5	16QAM	1	12	21.75	21.93	21.79	23.1	0
5	16QAM	1	24	21.90	21.84	21.81		
5	16QAM	12	0	20.90	20.94	21.05		
5	16QAM	12	7	20.84	20.94	21.06	22.1	1
5	16QAM	12	13	20.92	20.85	20.87		
5	16QAM	25	0	20.89	21.01	20.99		
5	64QAM	1	0	21.06	21.10	21.19		
5	64QAM	1	12	20.98	21.10	21.01	22.1	1
5	64QAM	1	24	21.12	21.08	20.96		
5	64QAM	12	0	20.07	19.95	20.08		
5	64QAM	12	7	19.85	19.98	20.08	21.1	2
5	64QAM	12	13	19.95	20.02	19.91		
5	64QAM	25	0	20.08	19.96	19.95		
5	256QAM	1	0	18.08	18.08	18.17		
5	256QAM	1	12	18.13	18.14	18.07	19.1	4
5	256QAM	1	24	18.15	18.10	18.00		
5	256QAM	12	0	17.97	17.90	17.87		
5	256QAM	12	7	17.94	17.74	17.72	19.1	4
5	256QAM	12	13	18.06	17.97	17.86		
5	256QAM	25	0	17.94	17.92	18.04		
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.79	22.06	21.90	23.1	0
3	QPSK	1	8	21.77	21.91	21.72		
3	QPSK	1	14	21.99	21.79	21.75		
3	QPSK	8	0	21.96	21.98	21.98		
3	QPSK	8	4	21.82	21.85	21.92		
3	QPSK	8	7	21.70	21.93	21.89		
3	QPSK	15	0	21.75	21.89	21.74		
3	16QAM	1	0	21.80	21.89	21.80		
3	16QAM	1	8	21.67	22.00	21.70	23.1	0
3	16QAM	1	14	21.96	21.69	21.86		
3	16QAM	8	0	20.94	20.89	20.98		
3	16QAM	8	4	20.89	20.98	21.00	22.1	1
3	16QAM	8	7	21.06	20.79	20.90		
3	16QAM	15	0	20.84	20.86	21.03		
3	64QAM	1	0	21.12	20.99	21.19		
3	64QAM	1	8	21.07	21.03	21.07	22.1	1
3	64QAM	1	14	21.14	21.11	20.96		
3	64QAM	8	0	20.03	19.93	20.15		
3	64QAM	8	4	19.89	19.96	20.02	21.1	2
3	64QAM	8	7	19.99	20.05	20.00		
3	64QAM	15	0	20.04	19.92	19.98		
3	256QAM	1	0	18.20	18.07	18.23		
3	256QAM	1	8	18.08	18.18	18.13	19.1	4
3	256QAM	1	14	18.13	18.15	17.96		
3	256QAM	8	0	18.00	17.84	17.78		
3	256QAM	8	4	17.90	17.81	17.85	19.1	4
3	256QAM	8	7	18.00	17.98	17.95		
3	256QAM	15	0	17.97	17.91	18.04		
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.80	21.99	21.83	23.1	0
1.4	QPSK	1	3	21.63	21.92	21.69		
1.4	QPSK	1	5	21.95	21.69	21.78		
1.4	QPSK	3	0	21.95	21.95	21.84		
1.4	QPSK	3	1	21.83	21.87	21.88		
1.4	QPSK	3	3	21.74	21.97	21.87		
1.4	QPSK	6	0	21.64	22.00	21.70	23.1	0
1.4	16QAM	1	0	21.90	21.91	21.89	23.1	0
1.4	16QAM	1	3	21.77	21.88	21.83		
1.4	16QAM	1	5	21.88	21.74	21.72		
1.4	16QAM	3	0	21.83	21.98	21.88		
1.4	16QAM	3	1	21.68	21.92	21.80		
1.4	16QAM	3	3	21.84	21.71	21.80		
1.4	16QAM	6	0	20.85	20.94	20.99	22.1	1
1.4	64QAM	1	0	21.18	21.11	21.10	22.1	1
1.4	64QAM	1	3	21.02	21.01	21.07		
1.4	64QAM	1	5	21.11	21.04	21.01		
1.4	64QAM	3	0	21.83	21.93	21.85		
1.4	64QAM	3	1	21.73	21.95	21.69		
1.4	64QAM	3	3	21.91	21.83	21.78		
1.4	64QAM	6	0	20.04	20.02	20.01	21.1	2
1.4	256QAM	1	0	18.04	18.14	18.21	19.1	4
1.4	256QAM	1	3	18.11	18.18	18.06		
1.4	256QAM	1	5	18.19	18.04	18.04		
1.4	256QAM	3	0	18.01	17.91	17.81		
1.4	256QAM	3	1	17.99	17.80	17.78		
1.4	256QAM	3	3	18.09	17.94	17.96		
1.4	256QAM	6	0	17.99	18.04	18.09	19.1	4

Band 7 Ant9

BW [MHz]	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	18.08	18.15	17.88	19.2	0
20	QPSK	1	49	17.98	17.93	18.08		
20	QPSK	1	99	17.91	18.13	18.01		
20	QPSK	50	0	18.09	18.13	17.90		
20	QPSK	50	24	18.03	17.91	17.76		
20	QPSK	50	50	17.83	18.11	17.77		
20	QPSK	100	0	18.01	18.10	17.90		
20	16QAM	1	0	18.06	17.85	17.85		
20	16QAM	1	49	17.86	18.13	17.77		
20	16QAM	1	99	18.02	18.12	17.85		
20	16QAM	50	0	17.98	17.94	17.86		
20	16QAM	50	24	17.83	18.03	17.77		
20	16QAM	50	50	18.10	18.08	17.88		
20	16QAM	100	0	18.09	17.95	17.80		
20	64QAM	1	0	17.93	18.11	17.79		
20	64QAM	1	49	18.04	18.05	17.90		
20	64QAM	1	99	18.06	17.84	17.75		
20	64QAM	50	0	17.85	18.08	17.90		
20	64QAM	50	24	18.02	18.14	17.90		
20	64QAM	50	50	17.99	17.84	18.04		
20	64QAM	100	0	17.85	18.05	17.76		
20	256QAM	1	0	18.11	18.09	17.83		
20	256QAM	1	49	18.00	17.92	17.75		
20	256QAM	1	99	17.86

Band 25 Ant9

BW [MHz]	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	20.51	20.65	20.42	21.6	0
20	QPSK	1	49	20.49	20.54	20.35		
20	QPSK	1	99	20.56	20.48	20.24		
20	QPSK	50	0	20.57	20.63	20.36		
20	QPSK	50	24	20.40	20.53	20.29	21.6	0
20	QPSK	50	50	20.56	20.45	20.21		
20	QPSK	100	0	20.49	20.60	20.37		
20	16QAM	1	0	20.44	20.49	20.29		
20	16QAM	1	49	20.52	20.47	20.24	21.6	0
20	16QAM	1	99	20.53	20.53	20.36		
20	16QAM	50	0	20.44	20.53	20.29		
20	16QAM	50	24	20.47	20.51	20.17	21.6	0
20	16QAM	50	50	20.49	20.53	20.45		
20	16QAM	100	0	20.45	20.56	20.34		
20	64QAM	1	0	20.48	20.49	20.27		
20	64QAM	1	49	20.50	20.55	20.43	21.6	0
20	64QAM	1	99	20.48	20.57	20.27		
20	64QAM	50	0	19.87	19.82	19.93		
20	64QAM	50	24	19.80	19.87	19.90	21.1	0.5
20	64QAM	50	50	19.78	19.91	19.76		
20	64QAM	100	0	19.79	19.85	19.95		
20	256QAM	1	0	17.69	17.78	17.71		
20	256QAM	1	49	17.68	17.85	17.88	19.1	2.5
20	256QAM	1	99	17.80	17.88	17.78		
20	256QAM	50	0	17.75	17.81	17.77		
20	256QAM	50	24	17.85	17.70	17.76	19.1	2.5
20	256QAM	50	50	17.89	17.87	17.88		
20	256QAM	100	0	17.69	17.82	17.87		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.48	20.48	20.30		
15	QPSK	1	37	20.40	20.48	20.22	21.6	0
15	QPSK	1	74	20.49	20.40	20.21		
15	QPSK	36	0	20.48	20.55	20.22		
15	QPSK	36	20	20.37	20.45	20.15	21.6	0
15	QPSK	36	39	20.53	20.42	20.09		
15	QPSK	75	0	20.44	20.43	20.29		
15	16QAM	1	0	20.37	20.42	20.16		
15	16QAM	1	37	20.41	20.43	20.06	21.6	0
15	16QAM	1	74	20.46	20.37	20.23		
15	16QAM	36	0	20.36	20.47	20.12		
15	16QAM	36	20	20.42	20.45	20.08	21.6	0
15	16QAM	36	39	20.43	20.50	20.38		
15	16QAM	75	0	20.28	20.40	20.17		
15	64QAM	1	0	20.44	20.32	20.11		
15	64QAM	1	37	20.43	20.47	20.27	21.6	0
15	64QAM	1	74	20.39	20.52	20.11		
15	64QAM	36	0	19.77	19.74	19.89		
15	64QAM	36	20	19.72	19.81	19.72	21.1	0.5
15	64QAM	36	39	19.62	19.81	19.60		
15	64QAM	75	0	19.75	19.81	19.84		
15	256QAM	1	0	17.60	17.61	17.68		
15	256QAM	1	37	17.57	17.78	17.77	19.1	2.5
15	256QAM	1	74	17.64	17.75	17.64		
15	256QAM	36	0	17.62	17.67	17.64		
15	256QAM	36	20	17.68	17.56	17.68	19.1	2.5
15	256QAM	36	39	17.87	17.75	17.83		
15	256QAM	75	0	17.62	17.74	17.73		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.37	20.54	20.37		
10	QPSK	1	25	20.32	20.37	20.30	21.6	0
10	QPSK	1	49	20.47	20.32	20.15		
10	QPSK	25	0	20.49	20.55	20.21		
10	QPSK	25	12	20.35	20.36	20.14	21.6	0
10	QPSK	25	25	20.38	20.35	20.17		
10	QPSK	50	0	20.38	20.51	20.20		
10	16QAM	1	0	20.33	20.34	20.13		
10	16QAM	1	25	20.44	20.41	20.15	21.6	0
10	16QAM	1	49	20.46	20.49	20.23		
10	16QAM	25	0	20.34	20.36	20.19		
10	16QAM	25	12	20.38	20.33	19.99	21.6	0
10	16QAM	25	25	20.42	20.41	20.36		
10	16QAM	50	0	20.40	20.42	20.25		
10	64QAM	1	0	20.32	20.43	20.18		
10	64QAM	1	25	20.41	20.47	20.34	21.6	0
10	64QAM	1	49	20.40	20.47	20.18		
10	64QAM	25	0	19.70	19.69	19.81		
10	64QAM	25	12	19.73	19.69	19.79	21.1	0.5
10	64QAM	25	25	19.67	19.87	19.64		
10	64QAM	50	0	19.73	19.70	19.85		
10	256QAM	1	0	17.64	17.68	17.55		
10	256QAM	1	25	17.51	17.80	17.81	19.1	2.5
10	256QAM	1	49	17.63	17.74	17.71		
10	256QAM	25	0	17.60	17.75	17.61		
10	256QAM	25	12	17.79	17.81	17.64	19.1	2.5
10	256QAM	25	25	17.77	17.73	17.82		
10	256QAM	50	0	17.57	17.76	17.71		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.43	20.62	20.33		
5	QPSK	1	12	20.46	20.36	20.31	21.6	0
5	QPSK	1	24	20.45	20.40	20.12		
5	QPSK	12	0	20.48	20.49	20.21		
5	QPSK	12	7	20.36	20.43	20.19	21.6	0
5	QPSK	12	13	20.46	20.41	20.07		
5	QPSK	25	0	20.36	20.54	20.28		
5	16QAM	1	0	20.37	20.43	20.16		
5	16QAM	1	12	20.36	20.41	20.10	21.6	0
5	16QAM	1	24	20.35	20.41	20.21		
5	16QAM	12	0	20.34	20.39	20.15		
5	16QAM	12	7	20.44	20.34	20.12	21.6	0
5	16QAM	12	13	20.39	20.47	20.39		
5	16QAM	25	0	20.34	20.40	20.28		
5	64QAM	1	0	20.30	20.43	20.19		
5	64QAM	1	12	20.43	20.40	20.35	21.6	0
5	64QAM	1	24	20.33	20.39	20.12		
5	64QAM	12	0	19.85	19.74	19.90		
5	64QAM	12	7	19.74	19.76	19.76	21.1	0.5
5	64QAM	12	13	19.61	19.78	19.59		
5	64QAM	25	0	19.61	19.73	19.89		
5	256QAM	1	0	17.53	17.69	17.62		
5	256QAM	1	12	17.53	17.71	17.71	19.1	2.5
5	256QAM	1	24	17.72	17.77	17.68		
5	256QAM	12	0	17.71	17.74	17.67		
5	256QAM	12	7	17.76	17.63	17.72	19.1	2.5
5	256QAM	12	13	17.86	17.77	17.86		
5	256QAM	25	0	17.66	17.77	17.78		
Channel				26015	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.48	20.57	20.35		
3	QPSK	1	8	20.37	20.44	20.24	21.6	0
3	QPSK	1	14	20.47	20.35	20.19		
3	QPSK	8	0	20.54	20.60	20.27		
3	QPSK	8	4	20.26	20.40	20.12	21.6	0
3	QPSK	8	7	20.40	20.28	20.14		
3	QPSK	15	0	20.37	20.53	20.23		
3	16QAM	1	0	20.28	20.31	20.21		
3	16QAM	1	8	20.50	20.40	20.13	21.6	0
3	16QAM	1	14	20.48	20.45	20.22		
3	16QAM	8	0	20.37	20.45	20.23		
3	16QAM	8	4	20.37	20.40	20.03	21.6	0
3	16QAM	8	7	20.39	20.38	20.37		
3	16QAM	15	0	20.43	20.54	20.19		
3	64QAM	1	0	20.41	20.41	20.11		
3	64QAM	1	8	20.36	20.53	20.27	21.6	0
3	64QAM	1	14	20.44	20.42	20.14		
3	64QAM	8	0	19.83	19.75	19.90		
3	64QAM	8	4	19.70	19.80	19.76	21.1	0.5
3	64QAM	8	7	19.74	19.78	19.67		
3	64QAM	15	0	19.76	19.82	19.84		
3	256QAM	1	0	17.65	17.70	17.57		
3	256QAM	1	8	17.55	17.74	17.81	19.1	2.5
3	256QAM	1	14	17.76	17.86	17.74		
3	256QAM	8	0	17.57	17.67	17.65		
3	256QAM	8	4	17.75	17.82	17.71	19.1	2.5
3	256QAM	8	7	17.77	17.74	17.80		
3	256QAM	15	0	17.58	17.78	17.75		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.48	20.57	20.35		
1.4	QPSK	1	3	20.37	20.44	20.24		
1.4	QPSK	1	5	20.47	20.35	20.19	21.6	0
1.4	QPSK	3	0	20.54	20.60	20.27		
1.4	QPSK	3	1	20.26	20.40	20.12		
1.4	QPSK	3	3	20.40	20.28	20.14		
1.4	QPSK	6	0	20.37	20.53	20.23	21.6	0
1.4	16QAM	1	0	20.28	20.31	20.21		
1.4	16QAM	1	3	20.50	20.40	20.13		
1.4	16QAM	1	5	20.48	20.45	20.22	21.6	0
1.4	16QAM	3	0	20.37	20.45	20.23		
1.4	16QAM	3	1	20.37	20.40	20.03		
1.4	16QAM	3	3	20.39	20.38	20.37		
1.4	16QAM	6	0	20.43	20.54	20.19	21.6	0
1.4	64QAM	1	0	20.41	20.41	20.11		
1.4	64QAM	1	3	20.36	20.53	20.27		
1.4	64QAM	1	5	20.44	20.42	20.14	21.6	0
1.4	64QAM	3	0	19.83	19.75	19.90		
1.4	64QAM	3	1	19.70	19.80	19.76		
1.4	64QAM	3	3	19.74	19.78	19.67		
1.4	64QAM	6	0	19.76	19.82	19.84	21.1	0.5
1.4	256QAM	1	0	17.65	17.70	17.57		
1.4	256QAM	1	3	17.55	17.74	17.81		
1.4	256QAM	1	5	17.76	17.86	17.74	19.1	2.5
1.4	256QAM	3	0	17.57	17.67	17.65		
1.4	256QAM	3	1	17.75	17.62	17.71		
1.4	256QAM	3	3	17.77	17.74	17.80		
1.4	256QAM	6	0	17.58	17.78	17.75	19.1	2.5

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.04	22.19	21.84	23.1	0
20	QPSK	1	49	21.97	21.92	21.96		
20	QPSK	1	99	21.90	22.03	21.81		
20	QPSK	50	0	21.91	21.98	21.91		
20	QPSK	50	24	21.76	21.78	21.71	23.1	0
20	QPSK	50	50	21.81	21.91	21.92		
20	QPSK	100	0	21.85	21.95	21.89		
20	16QAM	1	0	22.04	22.14	21.84		
20	16QAM	1	49	21.97	21.92	21.96	23.1	0
20	16QAM	1	99	21.90	22.03	21.81		
20	16QAM	50	0	20.83	20.93	20.90		
20	16QAM	50	24	20.86	20.92	20.83	22.1	1
20	16QAM	50	50	20.92	20.95	20.83		
20	16QAM	100	0	20.87	20.93	21.00		
20	64QAM	1	0	20.99	21.06	20.96		
20	64QAM	1	49	21.02	21.10	21.15	22.1	1
20	64QAM	1	99	21.06	21.09	21.16		
20	64QAM	50	0	20.03	19.92	19.98		
20	64QAM	50	24	19.83	19.99	19.93	21.1	2
20	64QAM	50	50	19.93	19.88	19.89		
20	64QAM	100	0	19.97	19.93	20.00		
20	256QAM	1	0	18.07	18.01	18.05		
20	256QAM	1	49	17.96	18.01	18.04	19.1	4
20	256QAM	1	99	18.06	18.08	17.94		
20	256QAM	50	0	17.91	17.89	17.86		
20	256QAM	50	24	17.85	18.00	17.93	19.1	4
20	256QAM	50	50	17.92	17.96	17.90		
20	256QAM	100	0	17.96	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.01	22.01	21.81		
15	QPSK	1	37	21.87	21.83	21.87	23.1	0
15	QPSK	1	74	21.76	22.01	21.79		
15	QPSK	36	0	21.77	21.86	21.86		
15	QPSK	36	20	21.69	21.60	21.53	23.1	0
15	QPSK	36	39	21.65	21.76	21.79		
15	QPSK	75	0	21.73	21.91	21.73		
15	16QAM	1	0	21.94	22.05	21.81		
15	16QAM	1	37	21.85	21.84	21.90	23.1	0
15	16QAM	1	74	21.75	21.90	21.69		
15	16QAM	36	0	20.76	20.81	20.81		
15	16QAM	36	20	20.72	20.89	20.74	22.1	1
15	16QAM	36	39	20.82	20.78	20.73		
15	16QAM	75	0	20.81	20.75	20.82		
15	64QAM	1	0	20.87	20.98	20.80		
15	64QAM	1	37	20.97	21.01	21.11	22.1	1
15	64QAM	1	74	20.98	21.02	21.04		
15	64QAM	36	0	19.87	19.80	19.87		
15	64QAM	36	20	19.67	19.86	19.79	21.1	2
15	64QAM	36	39	19.80	19.72	19.84		
15	64QAM	75	0	19.91	19.85	19.93		
15	256QAM	1	0	17.91	17.86	17.90		
15	256QAM	1	37	17.82	17.96	17.99	19.1	4
15	256QAM	1	74	17.95	17.94	17.87		
15	256QAM	36	0	17.75	17.85	17.82		
15	256QAM	36	20	17.68	17.95	17.76	19.1	4
15	256QAM	36	39	17.86	17.87	17.65		
15	256QAM	75	0	17.92	17.77	17.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.96	22.09	21.79	23.1	0
10	QPSK	1	25	21.88	21.75	21.83		
10	QPSK	1	49	21.82	21.91	21.65		
10	QPSK	25	0	21.84	21.94	21.80		
10	QPSK	25	12	21.70	21.63	21.60	23.1	0
10	QPSK	25	25	21.67	21.86	21.76		
10	QPSK	50	0	21.76	21.81	21.76		
10	16QAM	1	0	21.98	22.07	21.67		
10	16QAM	1	25	21.90	21.79	21.88	23.1	0
10	16QAM	1	49	21.74	21.94	21.72		
10	16QAM	25	0	20.80	20.75	20.86		
10	16QAM	25	12	20.77	20.80	20.66	22.1	1
10	16QAM	25	25	20.83	20.91	20.81		
10	16QAM	50	0	20.83	20.88	20.93		
10	64QAM	1	0	20.94	20.89	20.83		
10	64QAM	1	25	20.95	20.93	21.13	22.1	1
10	64QAM	1	49	20.91	20.96	21.11		
10	64QAM	25	0	19.87	19.88	19.80		
10	64QAM	25	12	19.73	19.85	19.85	21.1	2
10	64QAM	25	25	19.88	19.72	19.85		
10	64QAM	50	0	19.83	19.90	19.92		
10	256QAM	1	0	18.02	17.86	17.97		
10	256QAM	1	25	17.87	17.98	17.93	19.1	4
10	256QAM	1	49	18.03	18.02	17.89		
10	256QAM	25	0	17.74	17.80	17.70		
10	256QAM	25	12	17.77	17.91	17.87	19.1	4
10	256QAM	25	25	17.83	17.90	17.63		
10	256QAM	50	0	17.82	17.75	17.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.89	22.13	21.79	23.1	0
5	QPSK	1	12	21.81	21.88	21.88		
5	QPSK	1	24	21.75	21.91	21.74		
5	QPSK	12	0	21.86	21.82	21.75		
5	QPSK	12	7	21.63	21.65	21.68	23.1	0
5	QPSK	12	13	21.66	21.85	21.80		
5	QPSK	25	0	21.79	21.80	21.75		
5	16QAM	1	0	21.95	22.12	21.69		
5	16QAM	1	12	21.93	21.75	21.87	23.1	0
5	16QAM	1	24	21.81	21.93	21.74		
5	16QAM	12	0	20.69	20.81	20.80		
5	16QAM	12	7	20.73	20.84	20.79	22.1	1
5	16QAM	12	13	20.81	20.89	20.71		
5	16QAM	25	0	20.72	20.77	20.88		
5	64QAM	1	0	20.94	20.91	20.85		
5	64QAM	1	12	20.93	20.94	21.13	22.1	1
5	64QAM	1	24	21.02	20.94	21.13		
5	64QAM	12	0	20.01	19.78	19.94		
5	64QAM	12	7	19.79	19.91	19.77	21.1	2
5	64QAM	12	13	19.80	19.80	19.76		
5	64QAM	25	0	19.92	19.76	19.92		
5	256QAM	1	0	17.91	17.90	17.90		
5	256QAM	1	12	17.85	17.96	17.99	19.1	4
5	256QAM	1	24	18.03	17.94	17.92		
5	256QAM	12	0	17.76	17.71	17.70		
5	256QAM	12	7	17.80	17.91	17.94	19.1	4
5	256QAM	12	13	17.88	17.83	17.71		
5	256QAM	25	0	17.82	17.74	17.71		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.97	22.03	21.68	23.1	0
3	QPSK	1	8	21.91	21.79	21.83		
3	QPSK	1	14	21.87	21.91	21.63		
3	QPSK	8	0	21.88	21.91	21.82		
3	QPSK	8	4	21.64	21.62	21.54	23.1	0
3	QPSK	8	7	21.64	21.88	21.77		
3	QPSK	15	0	21.74	21.90	21.76		
3	16QAM	1	0	22.00	22.11	21.74		
3	16QAM	1	8	21.84	21.83	21.93	23.1	0
3	16QAM	1	14	21.84	21.93	21.74		
3	16QAM	8	0	20.71	20.76	20.86		
3	16QAM	8	4	20.81	20.75	20.77	22.1	1
3	16QAM	8	7	20.76	20.81	20.72		
3	16QAM	15	0	20.83	20.86	20.93		
3	64QAM	1	0	20.92	21.00	20.91		
3	64QAM	1	8	20.86	20.96	21.03	22.1	1
3	64QAM	1	14	21.02	21.05	20.99		
3	64QAM	8	0	19.97	19.82	19.92		
3	64QAM	8	4	19.73	19.94	19.88	21.1	2
3	64QAM	8	7	19.87	19.81	19.73		
3	64QAM	15	0	19.91	19.85	19.97		
3	256QAM	1	0	17.96	17.85	17.88		
3	256QAM	1	8	17.79	17.98	17.96	19.1	4
3	256QAM	1	14	18.00	18.04	17.79		
3	256QAM	8	0	17.76	17.81	17.69		
3	256QAM	8	4	17.76	17.83	17.79	19.1	4
3	256QAM	8	7	17.88	17.81	17.64		
3	256QAM	15	0	17.79	17.71	17.65		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.01	22.08	21.75	23.1	0
1.4	QPSK	1	3	21.80	21.87	21.93		
1.4	QPSK	1	5	21.76	21.88	21.77		
1.4	QPSK	3	0	21.85	21.84	21.80		
1.4	QPSK	3	1	21.58	21.64	21.59		
1.4	QPSK	3	3	21.77	21.74	21.83		
1.4	QPSK	6	0	21.75	21.83	21.86	23.1	0
1.4	16QAM	1	0	21.86	21.99	21.80		
1.4	16QAM	1	3	21.91	21.88	21.87		
1.4	16QAM	1	5	21.86	21.86	21.77	23.1	0
1.4	16QAM	3	0	21.89	22.06	21.73		
1.4	16QAM	3	1	21.88	21.76	21.80		
1.4	16QAM	3	3	21.79	21.98	21.70		
1.4	16QAM	6	0	20.77	20.79	20.93	22.1	1
1.4	64QAM	1	0	20.86	20.98	20.82		
1.4	64QAM	1	3	20.98	21.07	21.07		
1.4	64QAM	1	5	20.89	20.93	21.12	22.1	1
1.4	64QAM	3	0	20.67	20.82	20.80		
1.4	64QAM	3	1	20.69	20.89	20.72		
1.4	64QAM	3	3	20.85	20.79	20.67		
1.4	64QAM	6	0	19.85	19.82	19.95	21.1	2
1.4	256QAM	1	0	18.01	17.90	17.89		
1.4	256QAM	1	3	17.80	17.89	17.98		
1.4	256QAM	1	5	17.92	17.98	17.83	19.1	4
1.4	256QAM	3	0	17.78	17.83	17.80		
1.4	256QAM	3	1	17.79	17.83	17.87		
1.4	256QAM	3	3	17.80	17.94	17.63		
1.4	256QAM	6	0	17.79	17.72	17.76	19.1	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.64	20.65	20.55	21.8	0
20	QPSK	1	49	20.45	20.51	20.58		
20	QPSK	1	99	20.50	20.61	20.42		
20	QPSK	50	0	20.60	20.61	20.51	21.8	0
20	QPSK	50	24	20.49	20.60	20.48		
20	QPSK	50	50	20.49	20.51	20.37		
20	QPSK	100	0	20.57	20.64	20.60		
20	16QAM	1	0	20.44	20.56	20.56	21.8	0
20	16QAM	1	49	20.55	20.61	20.42		
20	16QAM	1	99	20.59	20.64	20.57		
20	16QAM	50	0	20.41	20.61	20.49	21.8	0
20	16QAM	50	24	20.47	20.52	20.42		
20	16QAM	50	50	20.60	20.61	20.61		
20	16QAM	100	0	20.46	20.55	20.55		
20	64QAM	1	0	20.46	20.53	20.49	21.8	0
20	64QAM	1	49	20.64	20.60	20.59		
20	64QAM	1	99	20.52	20.60	20.49		
20	64QAM	50	0	20.35	20.31	20.36	21.3	0.5
20	64QAM	50	24	20.43	20.26	20.37		
20	64QAM	50	50	20.24	20.34	20.22		
20	64QAM	100	0	20.14	20.21	20.11		
20	256QAM	1	0	18.19	18.13	18.06	19.3	2.5
20	256QAM	1	49	18.12	18.22	18.24		
20	256QAM	1	99	18.07	18.02	18.17		
20	256QAM	50	0	18.19	18.32	18.22	19.3	2.5
20	256QAM	50	24	18.37	18.25	18.44		
20	256QAM	50	50	18.26	18.26	18.34		
20	256QAM	100	0	18.33	18.22	18.10		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.48	20.52	20.39	21.8	0
15	QPSK	1	37	20.39	20.41	20.44		
15	QPSK	1	74	20.36	20.55	20.25		
15	QPSK	36	0	20.47	20.44	20.44	21.8	0
15	QPSK	36	20	20.32	20.57	20.39		
15	QPSK	36	39	20.40	20.36	20.27		
15	QPSK	75	0	20.51	20.57	20.55		
15	16QAM	1	0	20.39	20.44	20.46	21.8	0
15	16QAM	1	37	20.44	20.45	20.34		
15	16QAM	1	74	20.55	20.55	20.51		
15	16QAM	36	0	20.38	20.56	20.38	21.8	0
15	16QAM	36	20	20.38	20.39	20.31		
15	16QAM	36	39	20.52	20.47	20.48		
15	16QAM	75	0	20.37	20.46	20.44		
15	64QAM	1	0	20.29	20.36	20.37	21.8	0
15	64QAM	1	37	20.58	20.48	20.47		
15	64QAM	1	74	20.44	20.55	20.43		
15	64QAM	36	0	20.22	20.21	20.33	21.3	0.5
15	64QAM	36	20	20.34	20.18	20.25		
15	64QAM	36	39	20.19	20.24	20.11		
15	64QAM	75	0	20.06	20.11	20.03		
15	256QAM	1	0	18.13	17.99	17.98	19.3	2.5
15	256QAM	1	37	18.03	18.15	18.22		
15	256QAM	1	74	18.03	17.87	18.06		
15	256QAM	36	0	18.07	18.16	18.07	19.3	2.5
15	256QAM	36	20	18.21	18.15	18.27		
15	256QAM	36	39	18.21	18.10	18.31		
15	256QAM	75	0	18.30	18.17	18.01		
Channel				37500	38000	38220	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.53	20.53	20.52	21.8	0
10	QPSK	1	25	20.33	20.40	20.47		
10	QPSK	1	49	20.34	20.53	20.31		
10	QPSK	25	0	20.55	20.58	20.37	21.8	0
10	QPSK	25	12	20.32	20.57	20.44		
10	QPSK	25	25	20.37	20.40	20.21		
10	QPSK	50	0	20.54	20.51	20.49		
10	16QAM	1	0	20.36	20.47	20.39	21.8	0
10	16QAM	1	25	20.39	20.46	20.30		
10	16QAM	1	49	20.48	20.56	20.44		
10	16QAM	25	0	20.35	20.58	20.39	21.8	0
10	16QAM	25	12	20.42	20.50	20.38		
10	16QAM	25	25	20.56	20.46	20.48		
10	16QAM	50	0	20.34	20.39	20.51		
10	64QAM	1	0	20.36	20.50	20.41	21.8	0
10	64QAM	1	25	20.49	20.42	20.45		
10	64QAM	1	49	20.36	20.57	20.39		
10	64QAM	25	0	20.21	20.15	20.29	21.3	0.5
10	64QAM	25	12	20.34	20.10	20.34		
10	64QAM	25	25	20.12	20.29	20.16		
10	64QAM	50	0	19.96	20.04	19.94		
10	256QAM	1	0	18.05	17.96	17.93	19.3	2.5
10	256QAM	1	25	17.97	18.09	18.12		
10	256QAM	1	49	17.97	17.88	18.08		
10	256QAM	25	0	18.05	18.20	18.19	19.3	2.5
10	256QAM	25	12	18.32	18.12	18.39		
10	256QAM	25	25	18.23	18.17	18.18		
10	256QAM	50	0	18.30	18.12	18.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.61	20.60	20.39	21.8	0
5	QPSK	1	12	20.37	20.46	20.44		
5	QPSK	1	24	20.34	20.52	20.28		
5	QPSK	12	0	20.46	20.48	20.44	21.8	0
5	QPSK	12	7	20.34	20.51	20.41		
5	QPSK	12	13	20.43	20.42	20.20		
5	QPSK	25	0	20.47	20.47	20.48		
5	16QAM	1	0	20.28	20.45	20.54	21.8	0
5	16QAM	1	12	20.39	20.52	20.27		
5	16QAM	1	24	20.49	20.50	20.54		
5	16QAM	12	0	20.35	20.57	20.45	21.8	0
5	16QAM	12	7	20.35	20.40	20.34		
5	16QAM	12	13	20.48	20.49	20.54		
5	16QAM	25	0	20.39	20.46	20.48		
5	64QAM	1	0	20.35	20.37	20.31	21.8	0
5	64QAM	1	12	20.59	20.51	20.52		
5	64QAM	1	24	20.50	20.52	20.44		
5	64QAM	12	0	20.28	20.15	20.26	21.3	0.5
5	64QAM	12	7	20.35	20.14	20.29		
5	64QAM	12	13	20.09	20.28	20.15		
5	64QAM	25	0	20.05	20.19	20.09		
5	256QAM	1	0	18.01	18.00	18.01	19.3	2.5
5	256QAM	1	12	17.98	18.06	18.11		
5	256QAM	1	24	18.00	17.99	18.05		
5	256QAM	12	0	18.14	18.27	18.10	19.3	2.5
5	256QAM	12	7	18.19	18.19	18.39		
5	256QAM	12	13	18.22	18.23	18.28		
5	256QAM	25	0	18.26	18.19	18.05		

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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	20.68	20.56	20.79	20.51	20.49	21.8	0
20	QPSK	1	49	20.58	20.58	20.78	20.32	20.42		
20	QPSK	1	99	20.47	20.63	20.63	20.44	20.52		
20	QPSK	50	0	20.71	20.56	20.76	20.43	20.44	21.8	0
20	QPSK	50	24	20.50	20.56	20.71	20.33	20.51		
20	QPSK	50	50	20.47	20.58	20.62	20.38	20.54		
20	QPSK	100	0	20.66	20.56	20.73	20.46	20.43		
20	16QAM	1	0	20.52	20.57	20.75	20.36	20.48	21.8	0
20	16QAM	1	49	20.51	20.59	20.58	20.34	20.46		
20	16QAM	1	99	20.73	20.60	20.71	20.52	20.46		
20	16QAM	50	0	20.54	20.54	20.71	20.33	20.46	21.8	0
20	16QAM	50	24	20.49	20.64	20.63	20.39	20.46		
20	16QAM	50	50	20.64	20.61	20.70	20.48	20.48		
20	16QAM	100	0	20.57	20.61	20.73	20.36	20.49		
20	64QAM	1	0	20.49	20.64	20.66	20.44	20.49	21.8	0
20	64QAM	1	49	20.68	20.54	20.74	20.47	20.44		
20	64QAM	1	99	20.55	20.61	20.75	20.35	20.49		
20	64QAM	50	0	20.21	20.35	20.29	20.41	20.28	21.3	0.5
20	64QAM	50	24	20.34	20.36	20.33	20.29	20.20		
20	64QAM	50	50	20.32	20.42	20.21	20.36	20.25		
20	64QAM	100	0	20.30	20.14	20.19	20.26	20.08		
20	256QAM	1	0	18.01	18.18	18.10	18.00	18.00	19.3	2.5
20	256QAM	1	49	18.11	18.15	18.07	18.19	18.17		
20	256QAM	1	99	18.04	18.12	18.06	17.98	18.06		
20	256QAM	50	0	18.36	18.35	18.30	18.40	18.20	19.3	2.5
20	256QAM	50	24	18.39	18.37	18.33	18.19	18.31		
20	256QAM	50	50	18.20	18.32	18.23	18.42	18.32		
20	256QAM	100	0	18.17	18.29	18.19	18.17	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	20.55	20.47	20.68	20.35	20.47	22	0
15	QPSK	1	37	20.47	20.53	20.66	20.19	20.29		
15	QPSK	1	74	20.34	20.47	20.50	20.29	20.38		
15	QPSK	36	0	20.62	20.44	20.60	20.28	20.33	21.8	0
15	QPSK	36	20	20.47	20.52	20.57	20.18	20.42		
15	QPSK	36	39	20.44	20.55	20.46	20.21	20.47		
15	QPSK	75	0	20.63	20.42	20.64	20.36	20.26		
15	16QAM	1	0	20.35	20.48	20.61	20.28	20.44	21.8	0
15	16QAM	1	37	20.39	20.47	20.50	20.30	20.30		
15	16QAM	1	74	20.71	20.55	20.61	20.40	20.36		
15	16QAM	36	0	20.48	20.42	20.55	20.30	20.32	21.8	0
15	16QAM	36	20	20.31	20.53	20.46	20.24	20.34		
15	16QAM	36	39	20.53	20.57	20.65	20.32	20.31		
15	16QAM	75	0	20.52	20.55	20.58	20.30	20.34		
15	64QAM	1	0	20.43	20.52	20.61	20.33	20.34	21.8	0
15	64QAM	1	37	20.63	20.51	20.68	20.42	20.26		
15	64QAM	1	74	20.49	20.53	20.71	20.24	20.43		
15	64QAM	36	0	20.18	20.32	20.15	20.26	20.18	21.3	0.5
15	64QAM	36	20	20.26	20.27	20.15	20.17	20.13		
15	64QAM	36	39	20.26	20.28	20.11	20.31	20.19		
15	64QAM	75	0	20.19	20.06	20.01	20.14	20.06		
15	256QAM	1	0	17.83	18.07	17.97	17.94	17.87	19.3	2.5
15	256QAM	1	37	18.08	18.02	17.96	18.14	18.10		
15	256QAM	1	74	17.94	18.00	17.89	17.82	17.93		
15	256QAM	36	0	18.23	18.31	18.27	18.25	18.12	19.3	2.5
15	256QAM	36	20	18.24	18.35	18.20	18.16	18.28		
15	256QAM	36	39	18.02	18.28	18.20	18.38	18.28		
15	256QAM	75	0	18.04	18.13	18.01	18.09	18.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.61	20.52	20.63	20.46	20.39	22	0
10	QPSK	1	25	20.46	20.40	20.68	20.23	20.25		
10	QPSK	1	49	20.32	20.59	20.46	20.37	20.40		
10	QPSK	25	0	20.59	20.49	20.61	20.35	20.33	21.8	0
10	QPSK	25	12	20.36	20.44	20.56	20.29	20.46		
10	QPSK	25	25	20.30	20.45	20.47	20.22	20.45		
10	QPSK	50	0	20.62	20.49	20.68	20.35	20.34		
10	16QAM	1	0	20.38	20.40	20.57	20.21	20.32	21.8	0
10	16QAM	1	25	20.41	20.50	20.44	20.18	20.43		
10	16QAM	1	49	20.64	20.46	20.60	20.35	20.42		
10	16QAM	25	0	20.42	20.52	20.56	20.17	20.39	21.8	0
10	16QAM	25	12	20.39	20.53	20.51	20.34	20.35		
10	16QAM	25	25	20.59	20.57	20.60	20.43	20.41		
10	16QAM	50	0	20.42	20.55	20.63	20.19	20.31		
10	64QAM	1	0	20.40	20.53	20.54	20.31	20.43	21.8	0
10	64QAM	1	25	20.50	20.48	20.66	20.34	20.32		
10	64QAM	1	49	20.44	20.48	20.64	20.33	20.45		
10	64QAM	25	0	20.18	20.21	20.22	20.24	20.11	21.3	0.5
10	64QAM	25	12	20.30	20.23	20.27	20.16	20.10		
10	64QAM	25	25	20.29	20.25	20.03	20.19	20.18		
10	64QAM	50	0	20.13	20.09	20.15	20.24	19.91		
10	256QAM	1	0	17.84	18.06	17.97	17.90	17.87	19.3	2.5
10	256QAM	1	25	18.02	18.03	17.99	18.04	18.13		
10	256QAM	1	49	17.96	18.00	17.91	17.94	18.01		
10	256QAM	25	0	18.34	18.30	18.15	18.27	18.16	19.3	2.5
10	256QAM	25	12	18.26	18.26	18.28	18.03	18.29		
10	256QAM	25	25	18.15	18.27	18.16	18.30	18.21		
10	256QAM	50	0	18.13	18.23	18.14	18.05	17.96		
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	20.59	20.46	20.69	20.47	20.34	22	0
5	QPSK	1	12	20.42	20.50	20.62	20.26	20.39		
5	QPSK	1	24	20.38	20.58	20.48	20.34	20.42		
5	QPSK	12	0	20.64	20.43	20.59	20.30	20.30	21.8	0
5	QPSK	12	7	20.40	20.51	20.66	20.22	20.41		
5	QPSK	12	13	20.44	20.47	20.57	20.29	20.39		
5	QPSK	25	0	20.62	20.41	20.66	20.33	20.38		
5	16QAM	1	0	20.43	20.39	20.64	20.26	20.31	21.8	0
5	16QAM	1	12	20.37	20.52	20.52	20.25	20.37		
5	16QAM	1	24	20.70	20.47	20.55	20.34	20.34		
5	16QAM	12	0	20.38	20.40	20.62	20.22	20.41	21.8	0
5	16QAM	12	7	20.31	20.61	20.58	20.34	20.34		
5	16QAM	12	13	20.51	20.55	20.54	20.40	20.32		
5	16QAM	25	0	20.49	20.55	20.60	20.28	20.39		
5	64QAM	1	0	20.33	20.56	20.63	20.34	20.41	21.8	0
5	64QAM	1	12	20.52	20.50	20.70	20.29	20.38		
5	64QAM	1	24	20.41	20.54	20.68	20.27	20.42		
5	64QAM	12	0	20.16	20.24	20.16	20.26	20.19	21.3	0.5
5	64QAM	12	7	20.19	20.27	20.30	20.12	20.10		
5	64QAM	12	13	20.28	20.28	20.04	20.19	20.16		
5	64QAM	25	0	20.24	20.05	20.15	20.19	19.95		
5	256QAM	1	0	17.97	18.01	17.93	17.88	17.91	19.3	2.5
5	256QAM	1	12	18.03	17.98	18.02	18.16	18.10		
5	256QAM	1	24	17.96	17.97	17.90	17.94	18.01		
5	256QAM	12	0	18.30	18.23	18.14	18.32	18.13	19.3	2.5
5	256QAM	12	7	18.26	18.22	18.29	18.05	18.24		
5	256QAM	12	13	18.11	18.18	18.16	18.38	18.29		
5	256QAM	25	0	18.00	18.15	18.02	18.13	18.00		

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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	22.34	22.38	22.45	22.41	22.35	23.4	0
20	QPSK	1	49	22.25	22.38	22.41	22.32	22.29		
20	QPSK	1	99	22.21	22.38	22.43	22.21	22.38		
20	QPSK	50	0	22.38	22.35	22.42	22.37	22.31	23.4	0
20	QPSK	50	24	22.40	22.26	22.22	22.35	22.40		
20	QPSK	50	50	22.40	22.34	22.37	22.25	22.21		
20	QPSK	100	0	22.26	22.27	22.39	22.36	22.27		
20	16QAM	1	0	22.44	22.38	22.31	22.32	22.36	23.4	0
20	16QAM	1	49	22.30	22.43	22.29	22.24	22.20		
20	16QAM	1	99	22.38	22.25	22.33	22.20	22.32		
20	16QAM	50	0	22.30	22.30	22.27	22.37	22.21	23.4	0
20	16QAM	50	24	22.43	22.28	22.38	22.44	22.23		
20	16QAM	50	50	22.41	22.28	22.24	22.43	22.43		
20	16QAM	100	0	22.44	22.30	22.31	22.35	22.33		
20	64QAM	1	0	22.33	22.41	22.41	22.43	22.26	23.4	0
20	64QAM	1	49	22.31	22.23	22.40	22.36	22.34		
20	64QAM	1	99	22.41	22.33	22.27	22.35	22.28		
20	64QAM	50	0	22.30	22.25	22.27	22.20	22.21	23.4	0
20	64QAM	50	24	22.38	22.28	22.37	22.35	22.32		
20	64QAM	50	50	22.23	22.33	22.22	22.41	22.31		
20	64QAM	100	0	22.28	22.38	22.23	22.44	22.36		
20	256QAM	1	0	21.34	21.23	21.27	21.20	21.28	22.4	1
20	256QAM	1	49	21.35	21.25	21.35	21.35	21.31		
20	256QAM	1	99	21.33	21.33	21.39	21.17	21.20		
20	256QAM	50	0	21.23	21.27	21.30	21.18	21.21	22.4	1
20	256QAM	50	24	21.34	21.28	21.20	21.33	21.40		
20	256QAM	50	50	21.23	21.31	21.33	21.19	21.31		
20	256QAM	100	0	21.26	21.16	21.19	21.13	21.17		
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	22.17	22.23	22.27	22.34	22.21	23	0
15	QPSK	1	37	22.08	22.32	22.37	22.26	22.17		
15	QPSK	1	74	22.12	22.31	22.35	22.03	22.35		
15	QPSK	36	0	22.28	22.21	22.31	22.20	22.16	23.4	0
15	QPSK	36	20	22.29	22.21	22.04	22.23	22.24		
15	QPSK	36	39	22.31	22.29	22.27	22.19	22.14		
15	QPSK	75	0	22.18	22.24	22.24	22.27	22.19		
15	16QAM	1	0	22.27	22.29	22.19	22.28	22.22	23.4	0
15	16QAM	1	37	22.16	22.40	22.24	22.20	22.13		
15	16QAM	1	74	22.21	22.15	22.19	22.11	22.17		
15	16QAM	36	0	22.20	22.16	22.11	22.35	22.19	23.4	0
15	16QAM	36	20	22.29	22.18	22.24	22.30	22.15		
15	16QAM	36	39	22.35	22.10	22.20	22.25	22.27		
15	16QAM	75	0	22.36	22.23	22.15	22.27	22.23		
15	64QAM	1	0	22.31	22.31	22.28	22.31	22.19	23.4	0
15	64QAM	1	37	22.28	22.06	22.26	22.33	22.27		
15	64QAM	1	74	22.23	22.26	22.22	22.26	22.22		
15	64QAM	36	0	22.25	22.08	22.18	22.15	22.07	23.4	0
15	64QAM	36	20	22.31	22.15	22.24	22.31	22.22		
15	64QAM	36	39	22.20	22.21	22.08	22.32	22.28		
15	64QAM	75	0	22.23	22.28	22.09	22.37	22.20		
15	256QAM	1	0	21.20	21.10	21.22	21.17	21.11	22.4	1
15	256QAM	1	37	21.26	21.23	21.19	21.21	21.21		
15	256QAM	1	74	21.25	21.21	21.30	21.12	21.13		
15	256QAM	36	0	21.20	21.20	21.26	21.16	21.12	22.4	1
15	256QAM	36	20	21.19	21.14	21.16	21.29	21.31		
15	256QAM	36	39	21.06	21.24	21.28	21.12	21.27		
15	256QAM	75	0	21.19	20.99	21.04	21.01	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.30	22.28	22.37	22.27	22.22	23	0
10	QPSK	1	25	22.14	22.24	22.26	22.16	22.15		
10	QPSK	1	49	22.06	22.24	22.32	22.08	22.36		
10	QPSK	25	0	22.20	22.18	22.39	22.28	22.15	23.4	0
10	QPSK	25	12	22.32	22.12	22.12	22.29	22.36		
10	QPSK	25	25	22.27	22.23	22.22	22.18	22.06		
10	QPSK	50	0	22.20	22.12	22.35	22.30	22.19		
10	16QAM	1	0	22.28	22.24	22.22	22.17	22.33	23.4	0
10	16QAM	1	25	22.15	22.40	22.21	22.16	22.11		
10	16QAM	1	49	22.32	22.18	22.20	22.12	22.27		
10	16QAM	25	0	22.24	22.13	22.25	22.23	22.09	23.4	0
10	16QAM	25	12	22.32	22.19	22.32	22.39	22.11		
10	16QAM	25	25	22.35	22.26	22.21	22.32	22.34		
10	16QAM	50

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BW [MHz]	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	21.45	21.68	21.54		
20	QPSK	1	49	21.41	21.63	21.52	22.7	0
20	QPSK	1	99	21.44	21.59	21.55		
20	QPSK	50	0	21.49	21.65	21.62		
20	QPSK	50	24	21.41	21.56	21.54	22.7	0
20	QPSK	50	50	21.38	21.56	21.62		
20	QPSK	100	0	21.43	21.63	21.60		
20	16QAM	1	0	21.48	21.61	21.60		
20	16QAM	1	49	21.39	21.59	21.51	22.7	0
20	16QAM	1	99	21.49	21.55	21.62		
20	16QAM	50	0	20.85	20.95	21.07		
20	16QAM	50	24	21.03	20.96	20.93	21.7	1
20	16QAM	50	50	20.82	20.96	20.87		
20	16QAM	100	0	21.01	20.93	20.90		
20	64QAM	1	0	20.43	20.53	20.56		
20	64QAM	1	49	20.64	20.53	20.51	21.7	1
20	64QAM	1	99	20.53	20.48	20.47		
20	64QAM	50	0	20.08	19.96	19.98		
20	64QAM	50	24	19.97	19.98	19.96	20.7	2
20	64QAM	50	50	20.03	19.92	20.01		
20	64QAM	100	0	19.83	19.94	20.03		
20	256QAM	1	0	17.83	17.75	17.74		
20	256QAM	1	49	17.85	17.72	17.77	18.7	4
20	256QAM	1	99	17.82	17.63	17.70		
20	256QAM	50	0	18.06	17.96	18.02		
20	256QAM	50	24	18.05	17.85	18.04	18.7	4
20	256QAM	50	50	17.87	17.99	18.08		
20	256QAM	100	0	17.80	17.93	17.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.31	21.50	21.44		
15	QPSK	1	37	21.23	21.51	21.48	22.7	0
15	QPSK	1	74	21.41	21.42	21.52		
15	QPSK	36	0	21.39	21.56	21.45		
15	QPSK	36	20	21.25	21.42	21.45	22.7	0
15	QPSK	36	39	21.32	21.49	21.51		
15	QPSK	75	0	21.30	21.52	21.46		
15	16QAM	1	0	21.40	21.58	21.53		
15	16QAM	1	37	21.32	21.55	21.33	22.7	0
15	16QAM	1	74	21.40	21.46	21.56		
15	16QAM	36	0	20.75	20.85	21.02		
15	16QAM	36	20	20.87	20.88	20.77	21.7	1
15	16QAM	36	39	20.66	20.80	20.74		
15	16QAM	75	0	20.86	20.83	20.73		
15	64QAM	1	0	20.26	20.42	20.51		
15	64QAM	1	37	20.60	20.42	20.39	21.7	1
15	64QAM	1	74	20.39	20.36	20.30		
15	64QAM	36	0	20.02	19.91	19.91		
15	64QAM	36	20	19.90	19.95	19.78	20.7	2
15	64QAM	36	39	19.86	19.79	19.95		
15	64QAM	75	0	19.69	19.78	19.96		
15	256QAM	1	0	17.71	17.72	17.68		
15	256QAM	1	37	17.71	17.59	17.74	18.7	4
15	256QAM	1	74	17.68	17.46	17.56		
15	256QAM	36	0	18.02	17.86	17.99		
15	256QAM	36	20	17.93	17.73	18.00	18.7	4
15	256QAM	36	39	17.71	17.90	18.06		
15	256QAM	75	0	17.65	17.87	17.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.29	21.51	21.39		
10	QPSK	1	25	21.24	21.50	21.36	22.7	0
10	QPSK	1	49	21.37	21.47	21.52		
10	QPSK	25	0	21.37	21.62	21.48		
10	QPSK	25	12	21.37	21.38	21.47	22.7	0
10	QPSK	25	25	21.35	21.51	21.59		
10	QPSK	50	0	21.31	21.54	21.57		
10	16QAM	1	0	21.41	21.57	21.55		
10	16QAM	1	25	21.36	21.54	21.36	22.7	0
10	16QAM	1	49	21.47	21.38	21.58		
10	16QAM	25	0	20.69	20.79	21.05		
10	16QAM	25	12	20.86	20.93	20.89	21.7	1
10	16QAM	25	25	20.72	20.78	20.80		
10	16QAM	50	0	20.85	20.89	20.82		
10	64QAM	1	0	20.30	20.45	20.43		
10	64QAM	1	25	20.50	20.46	20.44	21.7	1
10	64QAM	1	49	20.42	20.31	20.43		
10	64QAM	25	0	20.04	19.89	19.93		
10	64QAM	25	12	19.82	19.91	19.94	20.7	2
10	64QAM	25	25	19.93	19.89	19.91		
10	64QAM	50	0	19.79	19.91	19.97		
10	256QAM	1	0	17.73	17.68	17.59		
10	256QAM	1	25	17.80	17.70	17.74	18.7	4
10	256QAM	1	49	17.78	17.47	17.61		
10	256QAM	25	0	17.93	17.83	17.94		
10	256QAM	25	12	17.94	17.69	17.93	18.7	4
10	256QAM	25	25	17.78	17.91	17.91		
10	256QAM	50	0	17.62	17.79	17.91		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.37	21.53	21.40		
5	QPSK	1	12	21.34	21.49	21.44	22.7	0
5	QPSK	1	24	21.36	21.54	21.50		
5	QPSK	12	0	21.46	21.55	21.55		
5	QPSK	12	7	21.37	21.51	21.44	22.7	0
5	QPSK	12	13	21.28	21.41	21.57		
5	QPSK	25	0	21.27	21.51	21.56		
5	16QAM	1	0	21.31	21.58	21.57		
5	16QAM	1	12	21.29	21.47	21.44	22.7	0
5	16QAM	1	24	21.40	21.48	21.46		
5	16QAM	12	0	20.81	20.91	20.98		
5	16QAM	12	7	20.86	20.83	20.79	21.7	1
5	16QAM	12	13	20.70	20.81	20.78		
5	16QAM	25	0	20.86	20.86	20.81		
5	64QAM	1	0	20.34	20.42	20.39		
5	64QAM	1	12	20.59	20.36	20.34	21.7	1
5	64QAM	1	24	20.36	20.42	20.35		
5	64QAM	12	0	19.95	19.81	19.89		
5	64QAM	12	7	19.88	19.90	19.80	20.7	2
5	64QAM	12	13	19.97	19.85	19.83		
5	64QAM	25	0	19.69	19.84	19.88		
5	256QAM	1	0	17.73	17.59	17.67		
5	256QAM	1	12	17.71	17.62	17.75	18.7	4
5	256QAM	1	24	17.74	17.56	17.55		
5	256QAM	12	0	18.01	17.86	17.86		
5	256QAM	12	7	17.98	17.77	17.99	18.7	4
5	256QAM	12	13	17.77	17.88	18.03		
5	256QAM	25	0	17.65	17.86	17.90		

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BW [MHz]	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	20.06	20.13	20.07		
20	QPSK	1	49	20.06	20.04	20.08	21	0
20	QPSK	1	99	20.06	20.12	19.91		
20	QPSK	50	0	19.09	19.18	19.06		
20	QPSK	50	24	19.10	18.99	18.97	20	1
20	QPSK	50	50	18.92	19.17	18.94		
20	QPSK	100	0	19.09	19.13	19.01		
20	16QAM	1	0	19.22	19.30	19.40		
20	16QAM	1	49	19.26	19.41	19.38	20	1
20	16QAM	1	99	19.22	19.36	19.24		
20	16QAM	50	0	18.10	18.15	18.27		
20	16QAM	50	24	18.23	18.09	18.15	19	2
20	16QAM	50	50	18.16	18.19	18.18		
20	16QAM	100	0	18.04	18.16	18.05		
20	64QAM	1	0	18.09	18.06	17.94		
20	64QAM	1	49	17.96	18.03	18.04	19	2
20	64QAM	1	99	17.95	18.11	18.19		
20	64QAM	50	0	17.09	17.18	17.08		
20	64QAM	50	24	17.21	17.20	17.20	18	3
20	64QAM	50	50	17.07	17.14	17.21		
20	64QAM	100	0	17.07	17.12	17.11		
20	256QAM	1	0	15.06	15.10	15.19		
20	256QAM	1	49	15.16	15.22	15.20	16	5
20	256QAM	1	99	15.18	15.05	15.10		
20	256QAM	50	0	15.14	15.18	15.14		
20	256QAM	50	24	15.09	15.08	15.18	16	5
20	256QAM	50	50	15.21	15.20	15.15		
20	256QAM	100	0	15.06	15.13	15.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.95	19.99	19.93		
15	QPSK	1	37	19.87	19.95	20.04	21	0
15	QPSK	1	74	19.94	20.02	19.82		
15	QPSK	36	0	18.90	19.02	18.91		
15	QPSK	36	20	18.93	18.94	18.88	20	1
15	QPSK	36	39	18.81	19.06	18.77		
15	QPSK	75	0	18.99	19.01	18.92		
15	16QAM	1	0	19.15	19.21	19.35		
15	16QAM	1	37	19.19	19.25	19.30	20	1
15	16QAM	1	74	19.09	19.19	19.06		
15	16QAM	36	0	17.94	18.08	18.18		
15	16QAM	36	20	18.08	17.90	18.03	19	2
15	16QAM	36	39	18.05	18.03	17.99		
15	16QAM	75	0	17.91	18.06	17.86		
15	64QAM	1	0	18.05	18.00	17.78		
15	64QAM	1	37	17.79	17.94	17.97	19	2
15	64QAM	1	74	17.87	17.93	18.02		
15	64QAM	36	0	16.90	17.05	16.97		
15	64QAM	36	20	17.10	17.15	17.01	18	3
15	64QAM	36	39	17.01	16.95	17.06		
15	64QAM	75	0	16.93	16.98	17.02		
15	256QAM	1	0	14.92	14.92	15.03		
15	256QAM	1	37	15.00	15.02	15.12	16	5
15	256QAM	1	74	15.08	15.00	14.92		
15	256QAM	36	0	15.09	15.10	15.02		
15	256QAM	36	20	15.00	14.90	15.03	16	5
15	256QAM	36	39	15.03	15.11	15.07		
15	256QAM	75	0	14.86	14.94	15.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.88	20.09	20.02		
10	QPSK	1	25	19.90	19.97	19.96	21	0
10	QPSK	1	49	19.88	20.06	19.82		
10	QPSK	25	0	18.92	19.04	18.92		
10	QPSK	25	12	19.04	18.87	18.78	20	1
10	QPSK	25	25	18.75	19.12	18.75		
10	QPSK	50	0	18.98	18.99	18.96		
10	16QAM	1	0	19.03	19.13	19.21		
10	16QAM	1	25	19.09	19.23	19.27	20	1
10	16QAM	1	49	19.09	19.30	19.13		
10	16QAM	25	0	17.94	18.04	18.18		
10	16QAM	25	12	18.12	17.93	17.98	19	2
10	16QAM	25	25	18.00	18.12	18.04		
10	16QAM	50	0	17.92	18.02	17.90		
10	64QAM	1	0	18.04	17.90	17.78		
10	64QAM	1	25	17.90	17.88	17.91	19	2
10	64QAM	1	49	17.78	18.03	18.05		
10	64QAM	25	0	16.99	17.01	17.00		
10	64QAM	25	12	17.16	17.15	17.07	18	3
10	64QAM	25	25	16.98	17.02	17.05		
10	64QAM	50	0	16.88	17.02	16.99		
10	256QAM	1	0	14.99	14.91	15.07		
10	256QAM	1	25	15.06	15.12	15.04	16	5
10	256QAM	1	49	15.04	14.99	15.04		
10	256QAM	25	0	15.01	15.10	14.98		
10	256QAM	25	12	14.98	14.93	14.99	16	5
10	256QAM	25	25	15.16	15.14	14.99		
10	256QAM	50	0	14.92	15.04	15.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.00	19.98	19.91		
5	QPSK	1	12	19.98	19.89	19.96	21	0
5	QPSK	1	24	19.92	19.96	19.82		
5	QPSK	12	0	18.97	18.99	18.98		
5	QPSK	12	7	19.01	18.85	18.89	20	1
5	QPSK	12	13	18.82	19.00	18.85		
5	QPSK	25	0	18.90	18.98	18.93		
5	16QAM	1	0	19.17	19.14	19.34		
5	16QAM	1	12	19.20	19.37	19.26	20	1
5	16QAM	1	24	19.08	19.20	19.13		
5	16QAM	12	0	18.02	18.06	18.18		
5	16QAM	12	7	18.13	17.95	17.97	19	2
5	16QAM	12	13	17.98	18.12	18.09		
5	16QAM	25	0	17.96	18.06	17.91		
5	64QAM	1	0	17.95	17.89	17.77		
5	64QAM	1	12	17.80	17.98	17.94	19	2
5	64QAM	1	24	17.86	18.00	18.00		
5	64QAM	12	0	16.90	17.06	16.90		
5	64QAM	12	7	17.12	17.05	17.15	18	3
5	64QAM	12	13	16.92	16.96	17.14		
5	64QAM	25	0	16.92	17.01	17.05		
5	256QAM	1	0	14.96	14.97	15.03		
5	256QAM	1	12	15.10	15.11	15.01	16	5
5	256QAM	1	24	15.11	14.96	14.96		
5	256QAM	12	0	14.95	15.08	15.08		
5	256QAM	12	7	15.04	15.01	15.02	16	5
5	256QAM	12	13	15.01	15.16	15.02		
5	256QAM	25	0	14.93	14.96	15.04		

Band 42 FCC Part27Q Ant8

BW [MHz]	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	20.90	20.97	20.86	22.1	0
20	QPSK	1	49	20.88	20.84	20.94		
20	QPSK	1	99	20.80	20.84	20.71		
20	QPSK	50	0	20.89	20.94	20.92	22.1	0
20	QPSK	50	24	20.89	20.91	20.89		
20	QPSK	50	50	20.74	20.91	20.81		
20	QPSK	100	0	20.89	20.91	20.69		
20	16QAM	1	0	20.91	20.85	20.87	22.1	0
20	16QAM	1	49	20.78	20.96	20.94		
20	16QAM	1	99	20.74	20.81	20.77		
20	16QAM	50	0	20.12	20.09	20.13	21.1	1
20	16QAM	50	24	20.18	20.08	20.14		
20	16QAM	50	50	20.05	20.18	20.08		
20	16QAM	100	0	20.21	20.10	20.14		
20	64QAM	1	0	19.84	19.72	19.71	21.1	1
20	64QAM	1	49	19.66	19.63	19.79		
20	64QAM	1	99	19.69	19.65	19.70		
20	64QAM	50	0	19.23	19.13	19.08	20.1	2
20	64QAM	50	24	19.04	19.13	19.12		
20	64QAM	50	50	19.21	19.10	19.09		
20	64QAM	100	0	19.05	19.08	18.96		
20	256QAM	1	0	16.93	16.85	16.84	18.1	4
20	256QAM	1	49	16.95	16.74	16.94		
20	256QAM	1	99	16.95	16.85	16.76		
20	256QAM	50	0	16.99	17.09	17.03	18.1	4
20	256QAM	50	24	17.06	17.14	17.19		
20	256QAM	50	50	17.19	16.99	17.18		
20	256QAM	100	0	17.02	17.05	16.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.76	20.86	20.77	22.1	0
15	QPSK	1	37	20.68	20.75	20.75		
15	QPSK	1	74	20.61	20.76	20.63		
15	QPSK	36	0	20.77	20.75	20.85	22.1	0
15	QPSK	36	20	20.85	20.79	20.86		
15	QPSK	36	39	20.68	20.82	20.72		
15	QPSK	75	0	20.72	20.75	20.56		
15	16QAM	1	0	20.88	20.68	20.92	22.1	0
15	16QAM	1	37	20.57	20.85	20.76		
15	16QAM	1	74	20.62	20.79	20.73		
15	16QAM	36	0	19.98	19.96	20.03	21.1	1
15	16QAM	36	20	20.09	20.00	20.01		
15	16QAM	36	39	19.96	19.99	19.90		
15	16QAM	75	0	20.03	20.02	19.99		
15	64QAM	1	0	19.72	19.60	19.61	21.1	1
15	64QAM	1	37	19.51	19.50	19.62		
15	64QAM	1	74	19.56	19.47	19.65		
15	64QAM	36	0	19.16	19.04	18.93	20.1	2
15	64QAM	36	20	18.84	19.08	18.97		
15	64QAM	36	39	19.09	18.94	18.93		
15	64QAM	75	0	18.96	19.04	18.85		
15	256QAM	1	0	16.76	16.81	16.72	18.1	4
15	256QAM	1	37	16.86	16.54	16.88		
15	256QAM	1	74	16.77	16.75	16.69		
15	256QAM	36	0	16.86	17.00	16.98	18.1	4
15	256QAM	36	20	17.00	17.02	17.09		
15	256QAM	36	39	17.01	16.89	17.11		
15	256QAM	75	0	16.93	16.93	16.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.80	20.85	20.70	22.1	0
10	QPSK	1	25	20.80	20.80	20.76		
10	QPSK	1	49	20.65	20.67	20.67		
10	QPSK	25	0	20.76	20.79	20.90	22.1	0
10	QPSK	25	12	20.70	20.72	20.85		
10	QPSK	25	25	20.64	20.84	20.65		
10	QPSK	50	0	20.71	20.77	20.53		
10	16QAM	1	0	20.80	20.70	20.78	22.1	0
10	16QAM	1	25	20.74	20.87	20.91		
10	16QAM	1	49	20.59	20.94	20.61		
10	16QAM	25	0	19.94	19.94	19.96	21.1	1
10	16QAM	25	12	20.05	19.99	20.00		
10	16QAM	25	25	19.85	20.09	20.03		
10	16QAM	50	0	20.08	19.90	19.94		
10	64QAM	1	0	19.75	19.53	19.61	21.1	1
10	64QAM	1	25	19.56	19.46	19.59		
10	64QAM	1	49	19.60	19.46	19.58		
10	64QAM	25	0	19.11	19.04	18.94	20.1	2
10	64QAM	25	12	18.86	18.94	18.93		
10	64QAM	25	25	19.12	18.96	19.03		
10	64QAM	50	0	18.94	18.90	18.79		
10	256QAM	1	0	16.81	16.70	16.76	18.1	4
10	256QAM	1	25	16.75	16.68	16.81		
10	256QAM	1	49	16.75	16.75	16.68		
10	256QAM	25	0	16.86	16.91	16.84	18.1	4
10	256QAM	25	12	16.94	17.01	17.09		
10	256QAM	25	25	17.06	16.79	17.01		
10	256QAM	50	0	16.87	16.89	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.77	20.90	20.71	22.1	0
5	QPSK	1	12	20.82	20.81	20.82		
5	QPSK	1	24	20.67	20.79	20.65		
5	QPSK	12	0	20.70	20.73	20.75	22.1	0
5	QPSK	12	7	20.78	20.82	20.76		
5	QPSK	12	13	20.57	20.79	20.69		
5	QPSK	25	0	20.79	20.78	20.67		
5	16QAM	1	0	20.87	20.71	20.95	22.1	0
5	16QAM	1	12	20.57	20.88	20.87		
5	16QAM	1	24	20.56	20.87	20.59		
5	16QAM	12	0	20.05	19.89	20.03	21.1	1
5	16QAM	12	7	19.99	19.99	20.09		
5	16QAM	12	13	19.98	20.14	19.94		
5	16QAM	25	0	20.13	19.99	20.00		
5	64QAM	1	0	19.74	19.55	19.64	21.1	1
5	64QAM	1	12	19.57	19.57	19.65		
5	64QAM	1	24	19.56	19.49	19.59		
5	64QAM	12	0	19.07	18.94	18.98	20.1	2
5	64QAM	12	7	18.85	18.93	18.99		
5	64QAM	12	13	19.02	18.93	19.02		
5	64QAM	25	0	18.92	18.94	18.78		
5	256QAM	1	0	16.87	16.69	16.72	18.1	4
5	256QAM	1	12	16.89	16.66	16.81		
5	256QAM	1	24	16.75	16.71	16.70		
5	256QAM	12	0	16.89	16.91	16.96	18.1	4
5	256QAM	12	7	16.89	16.99	17.02		
5	256QAM	12	13	17.02	16.90	17.11		
5	256QAM	25	0	16.90	16.90	16.77		

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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	21.12	21.33	21.26		
20	QPSK	1	49	20.94	21.25	21.22	22.5	0
20	QPSK	1	99	21.02	21.13	21.18		
20	QPSK	50	0	20.21	20.33	20.14		
20	QPSK	50	24	20.17	20.26	20.15	21.5	1
20	QPSK	50	50	20.23	20.21	20.14		
20	QPSK	100	0	20.23	20.31	20.16		
20	16QAM	1	0	20.43	20.44	20.56		
20	16QAM	1	49	20.39	20.49	20.33	21.5	1
20	16QAM	1	99	20.49	20.51	20.54		
20	16QAM	50	0	19.32	19.35	19.25		
20	16QAM	50	24	19.31	19.39	19.27	20.5	2
20	16QAM	50	50	19.28	19.42	19.29		
20	16QAM	100	0	19.37	19.34	19.21		
20	64QAM	1	0	19.21	19.24	19.24		
20	64QAM	1	49	19.11	19.24	19.17	20.5	2
20	64QAM	1	99	19.15	19.22	19.24		
20	64QAM	50	0	18.26	18.37	18.29		
20	64QAM	50	24	18.36	18.38	18.45	19.5	3
20	64QAM	50	50	18.48	18.46	18.31		
20	64QAM	100	0	18.44	18.32	18.40		
20	256QAM	1	0	16.42	16.29	16.21		
20	256QAM	1	49	16.28	16.38	16.24	17.5	5
20	256QAM	1	99	16.27	16.22	16.34		
20	256QAM	50	0	16.31	16.38	16.30		
20	256QAM	50	24	16.34	16.43	16.26	17.5	5
20	256QAM	50	50	16.43	16.31	16.42		
20	256QAM	100	0	16.41	16.32	16.24		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.95	21.23	21.19		
15	QPSK	1	37	20.88	21.14	21.17	22.5	0
15	QPSK	1	74	20.95	20.97	20.99		
15	QPSK	36	0	20.06	20.22	20.10		
15	QPSK	36	20	20.11	20.12	20.02	21.5	1
15	QPSK	36	39	20.06	20.05	20.04		
15	QPSK	75	0	20.12	20.18	20.04		
15	16QAM	1	0	20.34	20.37	20.47		
15	16QAM	1	37	20.23	20.43	20.24	21.5	1
15	16QAM	1	74	20.40	20.36	20.50		
15	16QAM	36	0	19.25	19.23	19.15		
15	16QAM	36	20	19.27	19.31	19.18	20.5	2
15	16QAM	36	39	19.15	19.30	19.11		
15	16QAM	75	0	19.21	19.26	19.08		
15	64QAM	1	0	19.15	19.13	19.10		
15	64QAM	1	37	19.06	19.18	19.03	20.5	2
15	64QAM	1	74	19.10	19.17	19.20		
15	64QAM	36	0	18.10	18.28	18.20		
15	64QAM	36	20	18.22	18.28	18.35	19.5	3
15	64QAM	36	39	18.34	18.34	18.14		
15	64QAM	75	0	18.27	18.19	18.23		
15	256QAM	1	0	16.34	16.20	16.14		
15	256QAM	1	37	16.10	16.32	16.16	17.5	5
15	256QAM	1	74	16.15	16.16	16.16		
15	256QAM	36	0	16.12	16.33	16.15		
15	256QAM	36	20	16.17	16.36	16.12	17.5	5
15	256QAM	36	39	16.35	16.25	16.23		
15	256QAM	75	0	16.30	16.24	16.07		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.99	21.21	21.19		
10	QPSK	1	25	20.84	21.15	21.08	22.5	0
10	QPSK	1	49	20.92	21.01	21.05		
10	QPSK	25	0	20.08	20.24	19.95		
10	QPSK	25	12	20.10	20.17	20.09	21.5	1
10	QPSK	25	25	20.15	20.04	19.98		
10	QPSK	50	0	20.09	20.23	20.07		
10	16QAM	1	0	20.31	20.30	20.45		
10	16QAM	1	25	20.26	20.41	20.22	21.5	1
10	16QAM	1	49	20.31	20.43	20.47		
10	16QAM	25	0	19.13	19.21	19.16		
10	16QAM	25	12	19.19	19.26	19.22	20.5	2
10	16QAM	25	25	19.20	19.34	19.20		
10	16QAM	50	0	19.27	19.17	19.02		
10	64QAM	1	0	19.07	19.06	19.06		
10	64QAM	1	25	19.05	19.13	19.03	20.5	2
10	64QAM	1	49	19.02	19.09	19.06		
10	64QAM	25	0	18.18	18.26	18.22		
10	64QAM	25	12	18.22	18.23	18.27	19.5	3
10	64QAM	25	25	18.37	18.40	18.23		
10	64QAM	50	0	18.27	18.17	18.34		
10	256QAM	1	0	16.33	16.13	16.01		
10	256QAM	1	25	16.13	16.21	16.19	17.5	5
10	256QAM	1	49	16.14	16.12	16.21		
10	256QAM	25	0	16.26	16.20	16.19		
10	256QAM	25	12	16.16	16.26	16.07	17.5	5
10	256QAM	25	25	16.25	16.24	16.24		
10	256QAM	50	0	16.31	16.20	16.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.08	21.13	21.13		
5	QPSK	1	12	20.77	21.06	21.16	22.5	0
5	QPSK	1	24	20.95	21.05	21.14		
5	QPSK	12	0	20.15	20.23	20.05		
5	QPSK	12	7	20.03	20.14	20.08	21.5	1
5	QPSK	12	13	20.19	20.08	20.03		
5	QPSK	25	0	20.18	20.15	20.09		
5	16QAM	1	0	20.34	20.35	20.49		
5	16QAM	1	12	20.25	20.35	20.13	21.5	1
5	16QAM	1	24	20.32	20.43	20.50		
5	16QAM	12	0	19.12	19.25	19.08		
5	16QAM	12	7	19.14	19.22	19.14	20.5	2
5	16QAM	12	13	19.09	19.29	19.18		
5	16QAM	25	0	19.26	19.16	19.05		
5	64QAM	1	0	19.16	19.19	19.18		
5	64QAM	1	12	19.01	19.12	19.12	20.5	2
5	64QAM	1	24	19.04	19.08	19.14		
5	64QAM	12	0	18.19	18.23	18.20		
5	64QAM	12	7	18.28	18.32	18.31	19.5	3
5	64QAM	12	13	18.30	18.28	18.14		
5	64QAM	25	0	18.31	18.15	18.27		
5	256QAM	1	0	16.38	16.22	16.01		
5	256QAM	1	12	16.09	16.18	16.05	17.5	5
5	256QAM	1	24	16.22	16.11	16.28		
5	256QAM	12	0	16.26	16.29	16.21		
5	256QAM	12	7	16.18	16.26	16.14	17.5	5
5	256QAM	12	13	16.29	16.19	16.26		
5	256QAM	25	0	16.27	16.14	16.08		

Reduced Power Mode for ECI7

GSM850 Ant0	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	31.87	31.95	31.92	33.50	22.87	22.95	22.92	24.50
GPRS 1 Tx slot	31.77	31.86	31.74	33.50	22.77	22.86	22.74	24.50
GPRS 2 Tx slots	28.85	28.88	28.81	29.50	22.85	22.88	22.81	23.50
GPRS 3 Tx slots	27.13	27.17	27.04	28.00	22.87	22.91	22.78	23.74
GPRS 4 Tx slots	25.88	25.94	25.88	27.50	22.88	22.94	22.88	24.50
EDGE 1 Tx slot	26.34	26.40	26.26	27.50	17.34	17.40	17.26	18.50
EDGE 2 Tx slots	25.11	25.22	25.17	26.00	19.11	19.22	19.17	20.00
EDGE 3 Tx slots	23.03	23.07	23.03	24.00	18.77	18.81	18.77	19.74
EDGE 4 Tx slots	21.78	21.85	21.71	23.00	18.78	18.85	18.71	20.00

GSM1900 Ant0	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	27.53	27.56	27.51	28.50	18.53	18.56	18.51	19.50
GPRS 1 Tx slot	27.51	27.55	27.49	28.50	18.51	18.55	18.49	19.50
GPRS 2 Tx slots	24.38	24.42	24.34	25.50	18.38	18.42	18.34	19.50
GPRS 3 Tx slots	22.77	22.87	22.74	24.00	18.51	18.61	18.48	19.74
GPRS 4 Tx slots	21.76	21.81	21.78	23.00	18.76	18.81	18.78	20.00
EDGE 1 Tx slot	24.46	24.60	24.52	25.50	15.46	15.60	15.52	16.50
EDGE 2 Tx slots	23.22	23.26	23.14	24.00	17.22	17.26	17.14	18.00
EDGE 3 Tx slots	20.70	20.81	20.78	22.00	16.44	16.55	16.52	17.74
EDGE 4 Tx slots	19.00	19.06	18.99	20.00	16.00	16.06	15.99	17.00

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			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	17.16	17.36	17.29	18.30	17.69	17.67	17.64	18.70	22.19	22.27	22.11	23.00
3GPP Rel 99	RMC 12.2Kbps	17.20	17.38	17.30	18.30	17.73	17.74	17.62	18.70	22.21	22.28	22.12	23.00
3GPP Rel 6	HSDPA Subtest-1	16.30	16.42	16.08	17.30	16.63	16.60	16.63	17.70	21.24	21.28	21.21	22.00
3GPP Rel 6	HSDPA Subtest-2	16.05	16.29	15.97	17.30	16.47	16.51	16.66	17.70	21.15	21.20	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	15.84	15.68	15.51	16.80	16.24	16.31	16.26	17.20	20.81	20.85	20.72	21.50
3GPP Rel 6	HSDPA Subtest-4	15.78	15.77	15.58	16.80	16.33	16.06	16.24	17.20	20.80	20.73	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.22	16.47	16.19	17.30	16.41	16.68	16.49	17.70	21.31	21.25	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.16	16.17	16.36	17.30	16.61	16.87	16.69	17.70	21.25	21.34	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.52	15.88	15.65	16.80	16.03	16.36	16.14	17.20	20.75	20.75	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.77	15.69	15.66	16.80	16.27	16.23	15.94	17.20	20.83	20.71	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	16.22	16.38	16.19	17.30	16.77	16.83	16.47	17.70	21.34	21.37	21.00	22.00
3GPP Rel 6	HSUPA Subtest-2	14.05	14.30	14.35	15.30	14.85	14.71	14.74	15.70	19.12	19.30	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	15.33	15.05	15.09	16.30	15.73	15.64	15.59	16.70	20.13	20.39	20.01	21.00
3GPP Rel 6	HSUPA Subtest-4	14.29	14.21	14.02	15.30	14.51	14.80	14.74	15.70	19.26	19.38	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	16.20	16.04	16.30	17.30	16.60	16.48	16.37	17.70	21.32	21.28	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.81	13.86	13.92	14.80	14.06	13.90	13.74	15.20	18.64	18.86	18.75	19.50

Band 2 Ant0

BW [MHz]	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	17.13	17.19	17.06		
20	QPSK	1	49	17.07	17.05	17.11	18.4	0
20	QPSK	1	99	17.08	16.98	17.06		
20	QPSK	50	0	17.06	17.17	17.15		
20	QPSK	50	24	17.08	16.99	17.06	18.4	0
20	QPSK	50	50	16.99	16.88	16.99		
20	QPSK	100	0	17.06	17.16	17.12		
20	16QAM	1	0	17.00	17.06	17.07		
20	16QAM	1	49	17.07	16.94	16.99	18.4	0
20	16QAM	1	99	17.14	17.15	17.17		
20	16QAM	50	0	17.04	17.03	17.11		
20	16QAM	50	24	17.02	16.95	17.03	18.4	0
20	16QAM	50	50	17.14	17.11	17.10		
20	16QAM	100	0	17.03	16.99	17.09		
20	64QAM	1	0	17.11	17.17	17.04		
20	64QAM	1	49	17.11	17.17	17.12	18.4	0
20	64QAM	1	99	17.08	17.02	17.03		
20	64QAM	50	0	17.04	16.91	16.97		
20	64QAM	50	24	17.05	17.18	17.15	18.4	0
20	64QAM	50	50	17.03	17.03	17.03		
20	64QAM	100	0	17.09	16.99	17.03		
20	256QAM	1	0	16.22	16.36	16.26		
20	256QAM	1	49	16.37	16.39	16.25	17.4	1
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24		
20	256QAM	50	24	16.21	16.26	16.19	17.4	1
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.07	17.00	16.95		
15	QPSK	1	37	17.01	16.98	16.96	18.4	0
15	QPSK	1	74	16.88	16.88	16.97		
15	QPSK	36	0	16.98	17.12	17.01		
15	QPSK	36	20	16.92	16.88	16.87	18.4	0
15	QPSK	36	39	16.83	16.74	16.81		
15	QPSK	75	0	16.94	16.98	16.99		
15	16QAM	1	0	16.95	16.93	17.03		
15	16QAM	1	37	16.89	16.90	16.78	18.4	0
15	16QAM	1	74	17.01	17.01	16.97		
15	16QAM	36	0	16.97	16.99	17.01		
15	16QAM	36	20	16.98	16.83	16.90	18.4	0
15	16QAM	36	39	16.99	17.01	16.97		
15	16QAM	75	0	16.89	16.79	16.87		
15	64QAM	1	0	16.95	16.81	16.98		
15	64QAM	1	37	17.05	17.07	17.06	18.4	0
15	64QAM	1	74	16.88	16.86	16.92		
15	64QAM	36	0	16.92	16.79	16.82		
15	64QAM	36	20	16.89	16.74	16.87	18.4	0
15	64QAM	36	39	16.85	16.90	16.94		
15	64QAM	75	0	16.98	16.93	16.86		
15	256QAM	1	0	16.03	16.22	16.23		
15	256QAM	1	37	16.28	16.32	16.19	17.4	1
15	256QAM	1	74	16.19	16.32	16.36		
15	256QAM	36	0	16.34	16.16	16.17		
15	256QAM	36	20	15.99	16.19	16.12	17.4	1
15	256QAM	36	39	16.10	16.16	16.32		
15	256QAM	75	0	16.15	16.07	16.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.98	17.00	16.99		
10	QPSK	1	25	16.87	16.98	17.07	18.4	0
10	QPSK	1	49	17.04	16.94	16.88		
10	QPSK	25	0	16.85	17.03	17.02		
10	QPSK	25	12	16.97	16.81	16.97	18.4	0
10	QPSK	25	25	16.96	16.84	16.93		
10	QPSK	50	0	16.87	17.07	16.97		
10	16QAM	1	0	16.86	16.89	16.89		
10	16QAM	1	25	16.97	16.73	16.82	18.4	0
10	16QAM	1	49	17.01	16.96	17.13		
10	16QAM	25	0	17.00	16.84	16.98		
10	16QAM	25	12	16.87	16.74	16.90	18.4	0
10	16QAM	25	25	16.99	16.92	17.05		
10	16QAM	50	0	16.92	16.92	16.94		
10	64QAM	1	0	16.86	16.85	17.01		
10	64QAM	1	25	16.96	17.00	16.91	18.4	0
10	64QAM	1	49	16.92	16.86	16.99		
10	64QAM	25	0	16.99	16.82	16.77		
10	64QAM	25	12	17.01	16.96	17.03	18.4	0
10	64QAM	25	25	17.00	16.97	16.95		
10	64QAM	50	0	16.93	16.85	16.96		
10	256QAM	1	0	16.01	16.29	16.13		
10	256QAM	1	25	16.29	16.30	16.14	17.4	1
10	256QAM	1	49	16.16	16.42	16.23		
10	256QAM	25	0	16.23	16.29	16.11		
10	256QAM	25	12	16.18	16.12	16.12	17.4	1
10	256QAM	25	25	16.14	16.32	16.43		
10	256QAM	50	0	16.16	16.23	16.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.05	17.09	16.85		
5	QPSK	1	12	17.03	17.02	17.06	18.4	0
5	QPSK	1	24	17.04	16.94	16.93		
5	QPSK	12	0	16.86	17.14	17.04		
5	QPSK	12	7	16.96	16.83	16.95	18.4	0
5	QPSK	12	13	16.77	16.80	16.93		
5	QPSK	25	0	16.86	17.02	17.07		
5	16QAM	1	0	16.89	17.01	16.99		
5	16QAM	1	12	16.85	16.75	16.95	18.4	0
5	16QAM	1	24	17.06	17.09	17.07		
5	16QAM	12	0	16.92	16.88	16.95		
5	16QAM	12	7	16.83	16.91	16.85	18.4	0
5	16QAM	12	13	17.02	17.01	16.92		
5	16QAM	25	0	16.83	16.93	17.06		
5	64QAM	1	0	16.89	16.73	16.94		
5	64QAM	1	12	16.99	17.13	17.10	18.4	0
5	64QAM	1	24	16.92	16.91	17.00		
5	64QAM	12	0	16.85	16.84	16.77		
5	64QAM	12	7	16.89	17.02	17.05	18.4	0
5	64QAM	12	13	16.96	16.95	16.97		
5	64QAM	25	0	16.88	16.83	16.83		
5	256QAM	1	0	16.03	16.27	16.14		
5	256QAM	1	12	16.32	16.35	16.23	17.4	1
5	256QAM	1	24	16.17	16.33	16.23		
5	256QAM	12	0	16.24	16.22	16.08		
5	256QAM	12	7	16.13	16.23	16.00	17.4	1
5	256QAM	12	13	16.23	16.25	16.31		
5	256QAM	25	0	16.29	16.14	16.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.95	17.11	17.00		
3	QPSK	1	8	16.94	16.85	16.98	18.4	0
3	QPSK	1	14	16.95	16.96	16.93		
3	QPSK	8	0	16.94	17.09	17.09		
3	QPSK	8	4	16.91	16.89	16.90	18.4	0
3	QPSK	8	7	16.96	16.68	16.92		
3	QPSK	15	0	17.00	16.97	16.97		
3	16QAM	1	0	16.92	16.93	16.88		
3	16QAM	1	8	16.99	16.77	16.84	18.4	0
3	16QAM	1	14	17.09	16.96	17.03		
3	16QAM	8	0	16.90	16.81	17.02		
3	16QAM	8	4	16.89	16.84	16.96	18.4	0
3	16QAM	8	7	17.08	16.97	16.90		
3	16QAM	15	0	16.97	16.78	16.93		
3	64QAM	1	0	16.86	16.68	17.00		
3	64QAM	1	8	16.92	17.10	16.93	18.4	0
3	64QAM	1	14	16.87	16.87	16.84		
3	64QAM	8	0	16.96	16.89	16.84		
3	64QAM	8	4	16.86	17.14	17.02	18.4	0
3	64QAM	8	7	16.90	16.87	16.87		
3	64QAM	15	0	17.04	16.85	16.85		
3	256QAM	1	0	16.07	16.33	16.05		
3	256QAM	1	8	16.31	16.28	16.18	17.4	1
3	256QAM	1	14	16.16	16.42	16.22		
3	256QAM	8	0	16.36	16.13	16.11		
3	256QAM	8	4	16.09	16.11	16.12	17.4	1
3	256QAM	8	7	16.24	16.21	16.30		
3	256QAM	15	0	16.17	16.07	16.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.03	17.02	17.02		
1.4	QPSK	1	3	16.93	16.99	16.93		
1.4	QPSK	1	5	17.03	16.85	17.02	18.4	0
1.4	QPSK	3	0	17.03	16.98	16.93		
1.4	QPSK	3	1	17.03	16.86	16.99		
1.4	QPSK	3	3	17.02	16.79	16.93		
1.4	QPSK	6	0	16.73	16.95	16.87	18.4	0
1.4	16QAM	1	0	16.84	16.79	16.84		
1.4	16QAM	1	3	16.74	16.61	16.87		
1.4	16QAM	1	5	16.75	16.85	16.97	18.4	0
1.4	16QAM	3	0	16.83	16.93	16.81		
1.4	16QAM	3	1	16.71	16.64	16.81		
1.4	16QAM	3	3	16.91	16.89	16.94		
1.4	16QAM	6	0	16.75	16.69	16.73	18.4	0
1.4	64QAM	1	0	16.69	16.88	16.74		
1.4	64QAM	1	3	16.91	16.52	16.82		
1.4	64QAM	1	5	16.62	16.85	16.97	18.4	0
1.4	64QAM	3	0	16.75	16.65	16.89		
1.4	64QAM	3	1	16.94	16.98	16.91		
1.4	64QAM	3	3	16.72	16.81	16.79		
1.4	64QAM	6	0	16.83	16.74	16.60	18.4	0
1.4	256QAM	1	0	16.71	16.86	16.99		
1.4	256QAM	1	3	16.78	16.85	16.88		
1.4	256QAM	1	5	16.69	16.68	16.70	17.4	1
1.4	256QAM	3	0	15.97	16.20	16.02		
1.4	256QAM	3	1	16.01	16.21	16.01		
1.4	256QAM	3	3	16.21	16.37	16.28		
1.4	256QAM	6	0	16.28	16.14	16.08	17.4	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	17.22	17.31	17.24		
20	QPSK	1	49	17.24	17.20	17.05	18.4	0
20	QPSK	1	99	17.19	17.13	17.12		
20	QPSK	50	0	17.23	17.27	17.14		
20	QPSK	50	24	17.20	17.13	17.17	18.4	0
20	QPSK	50	50	17.25	17.17	17.13		
20	QPSK	100	0	17.21	17.26	17.22		
20	16QAM	1	0	17.22	17.20	17.06		
20	16QAM	1	49	17.22	17.10	17.13	18.4	0
20	16QAM	1	99	17.17	17.19	17.21		
20	16QAM	50	0	17.16	17.13	17.12		
20	16QAM	50	24	17.22	17.14	17.11	18.4	0
20	16QAM	50	50	17.16	17.22	17.22		
20	16QAM	100	0	17.15	17.22	17.11		
20	64QAM	1	0	17.26	17.14	17.13		
20	64QAM	1	49	17.15	17.18	17.14	18.4	0
20	64QAM	1	99	17.23	17.19	17.11		
20	64QAM	50	0	17.26	17.20	17.03		
20	64QAM	50	24	17.24	17.21	17.19	18.4	0
20	64QAM	50	50	17.24	17.21	17.09		
20	64QAM	100	0	17.24	17.19	17.11		
20	256QAM	1	0	16.52	16.57	16.61		
20	256QAM	1	49	16.61	16.71	16.44	17.4	1
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63		
20	256QAM	50	24	16.52	16.40	16.40	17.4	1
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.14	17.28	17.04		
15	QPSK	1	37	17.15	17.14	16.90	18.4	0
15	QPSK	1	74	17.14	16.98	16.92		
15	QPSK	36	0	17.08	17.12	17.00		
15	QPSK	36	20	17.06	17.06	17.11	18.4	0
15	QPSK	36	39	17.09	17.01	16.95		
15	QPSK	75	0	17.09	17.19	17.07		
15	16QAM	1	0	17.15	17.12	16.86		
15	16QAM	1	37	17.19	17.02	16.96	18.4	0
15	16QAM	1	74	17.15	17.14	17.18		
15	16QAM	36	0	16.96	16.93	17.06		
15	16QAM	36	20	17.03	17.11	17.07	18.4	0
15	16QAM	36	39	17.09	17.19	17.12		
15	16QAM	75	0	16.98	16.95	16.98		
15	64QAM	1	0	17.18	17.03	17.03		
15	64QAM	1	37	17.04	17.09	16.99	18.4	0
15	64QAM	1	74	17.06	17.00	17.01		
15	64QAM	36	0	17.21	17.07	16.82		
15	64QAM	36	20	17.19	17.17	17.02	18.4	0
15	64QAM	36	39	17.16	17.12	16.94		
15	64QAM	75	0	17.07	17.13	16.97		
15	256QAM	1	0	16.46	16.41	16.40		
15	256QAM	1	37	16.57	16.61	16.28	17.4	1
15	256QAM	1	74	16.52	16.35	16.34		
15	256QAM	36	0	16.49	16.30	16.50		
15	256QAM	36	20	16.30	16.32	16.29	17.4	1
15	256QAM	36	39	16.42	16.16	16.42		
15	256QAM	75	0	16.02	16.14	16.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.12	17.19	16.90		
10	QPSK	1	25	17.18	17.14	16.90	18.4	0
10	QPSK	1	49	16.98	16.96	17.08		
10	QPSK	25	0	17.21	17.08	17.06		
10	QPSK	25	12	17.13	17.03	17.05	18.4	0
10	QPSK	25	25	17.09	17.07	17.02		
10	QPSK	50	0	17.17	17.24	17.17		
10	16QAM	1	0	17.10	16.98	16.94		
10	16QAM	1	25	17.13	16.97	17.01	18.4	0
10	16QAM	1	49	17.09	16.98	17.11		
10	16QAM	25	0	16.98	17.07	17.03		
10	16QAM	25	12	17.09	16.96	17.08	18.4	0
10	16QAM	25	25	17.05	17.14	17.03		
10	16QAM	50	0	16.97	17.17	17.04		
10	64QAM	1	0	17.04	16.99	17.06		
10	64QAM	1	25	17.00	17.07	17.10	18.4	0
10	64QAM	1	49	17.09	17.02	16.99		
10	64QAM	25	0	17.18	17.06	16.88		
10	64QAM	25	12	17.01	17.08	17.01	18.4	0
10	64QAM	25	25	17.07	17.17	16.93		
10	64QAM	50	0	17.04	17.14	16.96		
10	256QAM	1	0	16.38	16.53	16.53		
10	256QAM	1	25	16.53	16.62	16.40	17.4	1
10	256QAM	1	49	16.48	16.44	16.36		
10	256QAM	25	0	16.33	16.39	16.46		
10	256QAM	25	12	16.18	16.21	16.22	17.4	1
10	256QAM	25	25	16.40	16.49	16.43		
10	256QAM	50	0	16.12	16.13	16.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.19	17.19	17.16		
5	QPSK	1	12	17.21	17.14	17.01	18.4	0
5	QPSK	1	24	16.99	16.92	17.01		
5	QPSK	12	0	17.18	17.07	17.00		
5	QPSK	12	7	17.16	17.10	17.02	18.4	0
5	QPSK	12	13	17.10	17.06	16.92		
5	QPSK	25	0	17.06	17.17	17.19		
5	16QAM	1	0	17.12	17.07	17.01		
5	16QAM	1	12	17.07	17.01	17.05	18.4	0
5	16QAM	1	24	16.97	17.11	17.13		
5	16QAM	12	0	16.96	17.06	17.08		
5	16QAM	12	7	17.14	16.94	17.07	18.4	0
5	16QAM	12	13	17.02	17.17	17.15		
5	16QAM	25	0	16.94	17.06	16.90		
5	64QAM	1	0	17.07	16.93	17.02		
5	64QAM	1	12	17.10	17.12	16.97	18.4	0
5	64QAM	1	24	17.03	17.03	16.94		
5	64QAM	12	0	17.08	17.15	16.96		
5	64QAM	12	7	17.04	17.13	17.06	18.4	0
5	64QAM	12	13	17.03	17.04	16.93		
5	64QAM	25	0	17.08	17.07	16.91		
5	256QAM	1	0	16.31	16.48	16.53		
5	256QAM	1	12	16.49	16.63	16.22	17.4	1
5	256QAM	1	24	16.54	16.42	16.28		
5	256QAM	12	0	16.34	16.33	16.48		
5	256QAM	12	7	16.35	16.37	16.27	17.4	1
5	256QAM	12	13	16.39	16.48	16.33		
5	256QAM	25	0	15.99	16.12	16.34		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.16	17.24	17.07		
3	QPSK	1	8	17.13	17.16	16.95	18.4	0
3	QPSK	1	14	17.15	17.04	16.99		
3	QPSK	8	0	17.02	17.19	17.01		
3	QPSK	8	4	17.02	16.93	16.97	18.4	0
3	QPSK	8	7	17.23	17.12	17.03		
3	QPSK	15	0	17.02	17.09	17.01		
3	16QAM	1	0	17.10	17.15	16.89		
3	16QAM	1	8	17.18	16.89	17.01	18.4	0
3	16QAM	1	14	16.97	17.07	17.00		
3	16QAM	8	0	17.07	16.98	17.10		
3	16QAM	8	4	17.04	16.96	16.92	18.4	0
3	16QAM	8	7	17.08	17.02	17.08		
3	16QAM	15	0	16.95	17.14	16.91		
3	64QAM	1	0	17.17	16.92	16.95		
3	64QAM	1	8	17.12	17.05	17.03	18.4	0
3	64QAM	1	14	17.08	17.02	16.90		
3	64QAM	8	0	17.08	17.10	16.89		
3	64QAM	8	4	17.14	17.06	17.03	18.4	0
3	64QAM	8	7	17.08	17.05	17.02		
3	64QAM	15	0	17.18	17.06	17.00		
3	256QAM	1	0	16.36	16.37	16.48		
3	256QAM	1	8	16.46	16.60	16.38	17.4	1
3	256QAM	1	14	16.61	16.42	16.39		
3	256QAM	8	0	16.40	16.44	16.43		
3	256QAM	8	4	16.47	16.25	16.26	17.4	1
3	256QAM	8	7	16.42	16.44	16.38		
3	256QAM	15	0	16.07	16.18	16.33		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.18	17.20	17.12		
1.4	QPSK	1	3	17.22	17.18	16.95		
1.4	QPSK	1	5	17.16	17.02	17.05	18.4	0
1.4	QPSK	3	0	17.17	17.11	16.98		
1.4	QPSK	3	1	17.13	16.98	17.07		
1.4	QPSK	3	3	17.12	17.02	17.10		
1.4	QPSK	6	0	17.06	17.21	17.08	18.4	0
1.4	16QAM	1	0	17.13	17.07	16.89		
1.4	16QAM	1	3	17.18	17.05	16.92		
1.4	16QAM	1	5	17.05	17.05	17.15	18.4	0
1.4	16QAM	3	0	16.94	16.97	17.07		
1.4	16QAM	3	1	17.02	16.93	16.94		
1.4	16QAM	3	3	17.02	17.04	17.06		
1.4	16QAM	6	0	17.05	17.03	17.05	18.4	0
1.4	64QAM	1	0	17.15	16.93	17.03		
1.4	64QAM	1	3	17.10	17.16	16.95		
1.4	64QAM	1	5	17.16	17.12	17.05	18.4	0
1.4	64QAM	3	0	17.23	17.01	16.93		
1.4	64QAM	3	1	17.02	17.00	17.00		
1.4	64QAM	3	3	17.19	17.01	17.05		
1.4	64QAM	6	0	17.09	17.14	16.93	18.4	0
1.4	256QAM	1	0	16.50	16.46	16.47		
1.4	256QAM	1	3	16.44	16.51	16.24		
1.4	256QAM	1	5	16.47	16.35	16.35	17.4	1
1.4	256QAM	3	0	16.41	16.29	16.52		
1.4	256QAM	3	1	16.30	16.23	16.19		
1.4	256QAM	3	3	16.44	16.40	16.43		
1.4	256QAM	6	0	16.02	16.21	16.30	17.4	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.21	22.32	22.20		
10	QPSK	1	25	22.12	22.12	22.25	24	0
10	QPSK	1	49	22.04	22.10	22.15		
10	QPSK	25	0	21.20	21.26	21.24		
10	QPSK	25	12	21.15	21.21	21.22	23	1
10	QPSK	25	25	21.08	21.08	21.17		
10	QPSK	50	0	21.18	21.23	21.02		
10	16QAM	1	0	21.46	21.50	21.41		
10	16QAM	1	25	21.54	21.56	21.35	23

Band 12 Ant0

BW [MHz]	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	22.45	22.59	22.50	24	0
10	QPSK	1	25	22.32	22.44	22.38		
10	QPSK	1	49	22.27	22.37	22.44		
10	QPSK	25	0	21.46	21.55	21.53	23	1
10	QPSK	25	12	21.49	21.37	21.52		
10	QPSK	25	25	21.29	21.45	21.51		
10	QPSK	50	0	21.33	21.52	21.21		
10	16QAM	1	0	21.94	21.81	21.73	23	1
10	16QAM	1	25	21.73	21.74	21.70		
10	16QAM	1	49	21.74	21.91	21.79		
10	16QAM	25	0	20.46	20.41	20.26	22	2
10	16QAM	25	12	20.37	20.52	20.56		
10	16QAM	25	25	20.31	20.43	20.36		
10	16QAM	50	0	20.53	20.45	20.49		
10	64QAM	1	0	20.77	20.79	20.84	22	2
10	64QAM	1	25	20.82	20.68	20.66		
10	64QAM	1	49	20.90	20.84	20.76		
10	64QAM	25	0	19.41	19.46	19.32	21	3
10	64QAM	25	12	19.31	19.46	19.36		
10	64QAM	25	25	19.58	19.39	19.51		
10	64QAM	50	0	19.31	19.40	19.40		
10	256QAM	1	0	17.67	17.82	17.78	19	5
10	256QAM	1	25	17.70	17.73	17.90		
10	256QAM	1	49	17.78	17.77	17.78		
10	256QAM	25	0	17.56	17.51	17.39	19	5
10	256QAM	25	12	17.63	17.45	17.56		
10	256QAM	25	25	17.46	17.47	17.52		
10	256QAM	50	0	17.26	17.29	17.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.43	24	0
5	QPSK	1	12	22.28	22.36	22.33		
5	QPSK	1	24	22.14	22.26	22.35		
5	QPSK	12	0	21.42	21.46	21.48	23	1
5	QPSK	12	7	21.37	21.26	21.42		
5	QPSK	12	13	21.23	21.35	21.39		
5	QPSK	25	0	21.28	21.42	21.12		
5	16QAM	1	0	21.83	21.69	21.62	23	1
5	16QAM	1	12	21.62	21.70	21.59		
5	16QAM	1	24	21.65	21.84	21.70		
5	16QAM	12	0	20.33	20.34	20.21	22	2
5	16QAM	12	7	20.29	20.41	20.46		
5	16QAM	12	13	20.25	20.32	20.33		
5	16QAM	25	0	20.42	20.37	20.41		
5	64QAM	1	0	20.64	20.71	20.72	22	2
5	64QAM	1	12	20.73	20.56	20.59		
5	64QAM	1	24	20.78	20.74	20.64		
5	64QAM	12	0	19.38	19.33	19.22	21	3
5	64QAM	12	7	19.19	19.37	19.31		
5	64QAM	12	13	19.54	19.28	19.42		
5	64QAM	25	0	19.26	19.33	19.31		
5	256QAM	1	0	17.63	17.69	17.72	19	5
5	256QAM	1	12	17.66	17.68	17.77		
5	256QAM	1	24	17.67	17.72	17.68		
5	256QAM	12	0	17.50	17.40	17.28	19	5
5	256QAM	12	7	17.54	17.41	17.49		
5	256QAM	12	13	17.37	17.40	17.49		
5	256QAM	25	0	17.18	17.22	17.27		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.41	22.50	22.38	24	0
3	QPSK	1	8	22.20	22.36	22.34		
3	QPSK	1	14	22.14	22.32	22.31		
3	QPSK	8	0	21.35	21.48	21.49	23	1
3	QPSK	8	4	21.41	21.26	21.44		
3	QPSK	8	7	21.16	21.38	21.46		
3	QPSK	15	0	21.23	21.41	21.14		
3	16QAM	1	0	21.91	21.75	21.63	23	1
3	16QAM	1	8	21.63	21.67	21.62		
3	16QAM	1	14	21.62	21.86	21.75		
3	16QAM	8	0	20.36	20.30	20.22	22	2
3	16QAM	8	4	20.34	20.45	20.52		
3	16QAM	8	7	20.22	20.36	20.27		
3	16QAM	15	0	20.45	20.40	20.40		
3	64QAM	1	0	20.73	20.70	20.80	22	2
3	64QAM	1	8	20.74	20.65	20.56		
3	64QAM	1	14	20.84	20.72	20.71		
3	64QAM	8	0	19.28	19.35	19.27	21	3
3	64QAM	8	4	19.18	19.38	19.25		
3	64QAM	8	7	19.45	19.27	19.46		
3	64QAM	15	0	19.20	19.31	19.28		
3	256QAM	1	0	17.58	17.74	17.73	19	5
3	256QAM	1	8	17.59	17.62	17.77		
3	256QAM	1	14	17.71	17.70	17.70		
3	256QAM	8	0	17.51	17.46	17.35	19	5
3	256QAM	8	4	17.54	17.38	17.45		
3	256QAM	8	7	17.39	17.34	17.46		
3	256QAM	15	0	17.22	17.18	17.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.48	22.42	24	0
1.4	QPSK	1	3	22.21	22.35	22.34		
1.4	QPSK	1	5	22.20	22.27	22.35		
1.4	QPSK	3	0	22.36	22.48	22.39		
1.4	QPSK	3	1	22.27	22.40	22.26		
1.4	QPSK	3	3	22.21	22.26	22.35		
1.4	QPSK	6	0	21.28	21.42	21.14	23	1
1.4	16QAM	1	0	21.88	21.74	21.62	23	1
1.4	16QAM	1	3	21.70	21.66	21.64		
1.4	16QAM	1	5	21.66	21.86	21.73		
1.4	16QAM	3	0	21.35	21.44	21.46		
1.4	16QAM	3	1	21.41	21.24	21.42		
1.4	16QAM	3	3	21.18	21.37	21.39		
1.4	16QAM	6	0	20.47	20.34	20.42	22	2
1.4	64QAM	1	0	20.72	20.70	20.74	22	2
1.4	64QAM	1	3	20.70	20.59	20.63		
1.4	64QAM	1	5	20.86	20.73	20.67		
1.4	64QAM	3	0	20.35	20.34	20.19		
1.4	64QAM	3	1	20.24	20.42	20.47		
1.4	64QAM	3	3	20.24	20.33	20.24		
1.4	64QAM	6	0	19.25	19.37	19.35	21	3
1.4	256QAM	1	0	17.62	17.72	17.74	19	5
1.4	256QAM	1	3	17.58	17.66	17.77		
1.4	256QAM	1	5	17.67	17.68	17.67		
1.4	256QAM	3	0	17.45	17.44	17.31		
1.4	256QAM	3	1	17.56	17.37	17.45		
1.4	256QAM	3	3	17.42	17.39	17.39		
1.4	256QAM	6	0	17.17	17.18	17.35	19	5

Band 13 Ant0

BW [MHz]	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		22.85		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.67			
10	QPSK	25	0		21.83		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.68			
10	QPSK	50	0		21.75			
10	16QAM	1	0		22.16		23	1
10	16QAM	1	25		22.16			
10	16QAM	1	49		22.06			
10	16QAM	25	0		20.86		22	2
10	16QAM	25	12		21.00			
10	16QAM	25	25		20.92			
10	16QAM	50	0		20.81			
10	64QAM	1	0		21.11		22	2
10	64QAM	1	25		21.10			
10	64QAM	1	49		20.98			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.09			
10	256QAM	25	0		17.81		19	5
10	256QAM	25	12		17.91			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.79	22.79	24	0
5	QPSK	1	12	22.72	22.68	22.73		
5	QPSK	1	24	22.62	22.62	22.61		
5	QPSK	12	0	21.71	21.71	21.70	23	1
5	QPSK	12	7	21.63	21.62	21.61		
5	QPSK	12	13	21.64	21.62	21.60		
5	QPSK	25	0	21.65	21.71	21.70		
5	16QAM	1	0	22.10	22.05	22.06	23	1
5	16QAM	1	12	22.06	22.03	22.04		
5	16QAM	1	24	21.94	22.03	22.01		
5	16QAM	12	0	20.79	20.82	20.82	22	2
5	16QAM	12	7	20.94	20.93	20.96		
5	16QAM	12	13	20.86	20.87	20.79		
5	16QAM	25	0	20.76	20.77	20.69		
5	64QAM	1	0	21.07	21.06	21.03	22	2
5	64QAM	1	12	21.02	21.00	21.05		
5	64QAM	1	24	20.94	20.86	20.94		
5	64QAM	12	0	19.83	19.83	19.87	21	3
5	64QAM	12	7	19.86	19.87	19.80		
5	64QAM	12	13	19.76	19.72	19.75		
5	64QAM	25	0	19.80	19.80	19.80		
5	256QAM	1	0	17.88	17.87	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.87		
5	256QAM	1	24	17.99	18.02	18.05		
5	256QAM	12	0	17.69	17.69	17.68	19	5
5	256QAM	12	7	17.85	17.86	17.80		
5	256QAM	12	13	17.62	17.54	17.59		
5	256QAM	25	0	17.72	17.63	17.70		

Band 17 Ant0

BW [MHz]	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	22.41	22.52	22.45	24	0
10	QPSK	1	25	22.44	22.33	22.48		
10	QPSK	1	49	22.28	22.50	22.23		
10	QPSK	25	0	21.31	21.49	21.46	23	1
10	QPSK	25	12	21.40	21.48	21.42		
10	QPSK	25	25	21.31	21.47	21.42		
10	QPSK	50	0	21.26	21.45	21.42		
10	16QAM	1	0	21.89	21.76	21.87	23	1
10	16QAM	1	25	21.83	21.86	21.68		
10	16QAM	1	49	21.79	21.88	21.69		
10	16QAM	25	0	20.37	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.51	20.60		
10	16QAM	25	25	20.51	20.43	20.64		
10	16QAM	50	0	20.71	20.59	20.67		
10	64QAM	1	0	20.83	20.74	20.85	22	2
10	64QAM	1	25	20.74	20.76	20.60		
10	64QAM	1	49	20.68	20.62	20.61		
10	64QAM	25	0	19.57	19.48	19.39	21	3
10	64QAM	25	12	19.39	19.57	19.41		
10	64QAM	25	25	19.41	19.56	19.33		
10	64QAM	50	0	19.47	19.51	19.36		
10	256QAM	1	0	17.61	17.71	17.58	19	5
10	256QAM	1	25	17.57	17.68	17.64		
10	256QAM	1	49	17.80	17.56	17.63		
10	256QAM	25	0	17.58	17.62	17.59	19	5
10	256QAM	25	12	17.76	17.49	17.48		
10	256QAM	25	25	17.76	17.75	17.57		
10	256QAM	50	0	17.71	17.58	17.52		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.48	22.41	24	0
5	QPSK	1	12	22.31	22.26	22.43		
5	QPSK	1	24	22.20	22.43	22.17		
5	QPSK	12	0	21.20	21.42	21.38	23	1
5	QPSK	12	7	21.34	21.42	21.36		
5	QPSK	12	13	21.24	21.35	21.33		
5	QPSK	25	0	21.21	21.41	21.34		
5	16QAM	1	0	21.78	21.71	21.79	23	1
5	16QAM	1	12	21.73	21.74	21.59		
5	16QAM	1	24	21.71	21.75	21.64		
5	16QAM	12	0	20.32	20.46	20.35	22	2
5	16QAM	12	7	20.26	20.40	20.49		
5	16QAM	12	13	20.39	20.31	20.60		
5	16QAM	25	0	20.59	20.49	20.62		
5	64QAM	1	0	20.75	20.67	20.80	22	2
5	64QAM	1	12	20.66	20.65	20.49		
5	64QAM	1	24	20.61	20.57	20.56		
5	64QAM	12	0	19.47	19.37	19.30	21	3
5	64QAM	12	7	19.33	19.52	19.31		
5	64QAM	12	13	19.36	19.45	19.23		
5	64QAM	25	0	19.34	19.47	19.25		
5	256QAM	1	0	17.54	17.59	17.52	19	5
5	256QAM	1	12	17.50	17.60	17.60		
5	256QAM	1	24	17.72	17.43	17.54		
5	256QAM	12	0	17.48	17.59	17.53	19	5
5	256QAM	12	7	17.67	17.41	17.44		
5	256QAM	12	13	17.72	17.70	17.48		
5	256QAM	25	0	17.60	17.49	17.43		

Band 25 Ant0

BW [MHz]	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	17.11	17.27	17.21	18.4	0
20	QPSK	1	49	17.11	17.02	17.03		
20	QPSK	1	99	17.13	17.14	17.08		
20	QPSK	50	0	17.18	17.23	17.21	18.4	0
20	QPSK	50	24	17.14	17.05	17.00		
20	QPSK	50	50	17.12	17.06	17.04		
20	QPSK	100	0	17.13	17.22	17.21		
20	16QAM	1	0	17.13	16.98	17.00	18.4	0
20	16QAM	1	49	17.09	17.06	17.05		
20	16QAM	1	99	17.13	17.14	17.14		
20	16QAM	50	0	17.14	16.96	16.98	18.4	0
20	16QAM	50	24	17.14	17.06	17.09		
20	16QAM	50	50	17.18	17.18	17.18		
20	16QAM	100	0	17.15	16.95	17.07		
20	64QAM	1	0	17.17	17.16	17.02	18.4	0
20	64QAM	1	49	17.12	17.15	17.12		
20	64QAM	1	99	17.12	17.02	17.06		
20	64QAM	50	0	17.15	17.12	17.00	18.4	0
20	64QAM	50	24	17.15	17.21	17.21		
20	64QAM	50	50	17.15	17.06	17.01		
20	64QAM	100	0	17.15	17.13	17.00		
20	256QAM	1	0	16.46	16.54	16.46	17.4	1
20	256QAM	1	49	16.66	16.59	16.52		
20	256QAM	1	99	16.61	16.47	16.47		
20	256QAM	50	0	16.46	16.51	16.54	17.4	1
20	256QAM	50	24	16.54	16.58	16.49		
20	256QAM	50	50	16.62	16.62	16.48		
20	256QAM	100	0	16.49	16.47	16.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.99	17.13	17.05	18.4	0
15	QPSK	1	37	17.06	16.80	16.98		
15	QPSK	1	74	17.09	17.07	16.94		
15	QPSK	36	0	17.08	17.20	17.07	18.4	0
15	QPSK	36	20	17.00	16.97	16.91		
15	QPSK	36	39	17.04	16.89	16.88		
15	QPSK	75	0	17.07	17.13	17.07		
15	16QAM	1	0	16.99	16.78	16.82	18.4	0
15	16QAM	1	37	17.05	16.95	16.92		
15	16QAM	1	74	17.03	17.03	17.11		
15	16QAM	36	0	16.97	16.81	16.83	18.4	0
15	16QAM	36	20	16.98	17.00	16.88		
15	16QAM	36	39	17.09	17.02	17.10		
15	16QAM	75	0	17.07	16.90	16.91		
15	64QAM	1	0	17.08	17.07	16.99	18.4	0
15	64QAM	1	37	16.94	16.93	16.92		
15	64QAM	1	74	17.06	16.84	17.01		
15	64QAM	36	0	17.06	17.03	16.82	18.4	0
15	64QAM	36	20	17.05	17.00	17.18		
15	64QAM	36	39	17.12	16.87	16.92		
15	64QAM	75	0	16.97	17.01	16.91		
15	256QAM	1	0	16.37	16.35	16.36	17.4	1
15	256QAM	1	37	16.45	16.41	16.42		
15	256QAM	1	74	16.57	16.32	16.42		
15	256QAM	36	0	16.42	16.41	16.35	17.4	1
15	256QAM	36	20	16.51	16.40	16.38		
15	256QAM	36	39	16.55	16.54	16.26		
15	256QAM	75	0	16.40	16.40	16.38		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.92	17.07	17.09	18.4	0
10	QPSK	1	25	17.00	16.91	16.98		
10	QPSK	1	49	17.03	17.09	17.01		
10	QPSK	25	0	16.97	17.11	17.05	18.4	0
10	QPSK	25	12	16.96	16.99	16.96		
10	QPSK	25	25	16.95	17.02	16.92		
10	QPSK	50	0	17.04	17.06	17.17		
10	16QAM	1	0	16.97	16.88	16.89	18.4	0
10	16QAM	1	25	17.03	16.94	16.90		
10	16QAM	1	49	17.10	16.97	17.05		
10	16QAM	25	0	16.98	16.83	16.93	18.4	0
10	16QAM	25	12	17.08	16.89	16.91		
10	16QAM	25	25	17.00	17.02	17.07		
10	16QAM	50	0	17.11	16.92	17.03		
10	64QAM	1	0	17.09	17.10	16.85	18.4	0
10	64QAM	1	25	17.05	17.00	17.05		
10	64QAM	1	49	17.00	16.82	17.02		
10	64QAM	25	0	17.03	17.05	16.94	18.4	0
10	64QAM	25	12	17.00	17.16	17.05		
10	64QAM	25	25	17.07	16.98	16.89		
10	64QAM	50	0	16.99	17.08	16.94		
10	256QAM	1	0	16.33	16.47	16.39	17.4	1
10	256QAM	1	25	16.57	16.38	16.31		
10	256QAM	1	49	16.53	16.40	16.45		
10	256QAM	25	0	16.30	16.48	16.49	17.4	1
10	256QAM	25	12	16.40	16.46	16.32		
10	256QAM	25	25	16.52	16.56	16.30		
10	256QAM	50	0	16.38	16.33	16.38		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.99	17.19	17.04	18.4	0
5	QPSK	1	12	16.97	16.96	16.94		
5	QPSK	1	24	17.05	16.96	17.03		
5	QPSK	12	0	17.09	17.16	17.10	18.4	0
5	QPSK	12	7	17.12	17.00	16.95		
5	QPSK	12	13	16.90	16.91	16.93		
5	QPSK	25	0	17.08	17.12	17.08		
5	16QAM	1	0	17.04	16.81	16.81	18.4	0
5	16QAM	1	12	17.00	16.85	16.86		
5	16QAM	1	24	17.11	16.98	17.05		
5	16QAM	12	0	17.03	16.89	16.80	18.4	0
5	16QAM	12	7	16.92	17.03	16.99		
5	16QAM	12	13	17.02	16.98	17.14		
5	16QAM	25	0	17.06	16.76	16.95		
5	64QAM	1	0	17.01	16.94	16.90	18.4	0
5	64QAM	1	12	16.97	16.94	16.90		
5	64QAM	1	24	17.06	16.84	16.85		
5	64QAM	12	0	17.11	17.04	16.81	18.4	0
5	64QAM	12	7	17.00	17.01	17.03		
5	64QAM	12	13	16.98	16.96	16.98		
5	64QAM	25	0	17.01	16.96	16.87		
5	256QAM	1	0	16.41	16.50	16.39	17.4	1
5	256QAM	1	12	16.46	16.48	16.47		
5	256QAM	1	24	16.46	16.45	16.28		
5	256QAM	12	0	16.39	16.48	16.35	17.4	1
5	256QAM	12	7	16.50	16.39	16.46		
5	256QAM	12	13	16.58	16.59	16.45		
5	256QAM	25	0	16.27	16.43	16.25		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.04	17.10	17.18	18.4	0
3	QPSK	1	8	16.98	16.98	16.98		
3	QPSK	1	14	16.93	17.00	16.90		
3	QPSK	8	0	17.15	17.02	17.15	18.4	0
3	QPSK	8	4	16.97	17.00	16.81		
3	QPSK	8	7	17.01	17.01	16.98		
3	QPSK	15	0	17.07	17.04	17.03		
3	16QAM	1	0	17.00	16.92	16.93	18.4	0
3	16QAM	1	8	16.99	17.01	16.92		
3	16QAM	1	14	16.93	17.05	16.95		
3	16QAM	8	0	17.09	16.81	16.91	18.4	0
3	16QAM	8	4	16.94	17.03	16.98		
3	16QAM	8	7	17.07	17.05	17.07		
3	16QAM	15	0	17.06	16.92	16.99		
3	64QAM	1	0	17.11	16.97	16.83	18.4	0
3	64QAM	1	8	17.05	17.00	16.99		
3	64QAM	1	14	17.06	16.98	16.91		
3	64QAM	8	0	17.02	17.01	16.92	18.4	0
3	64QAM	8	4	17.00	17.14	17.19		
3	64QAM	8	7	16.96	16.86	16.83		
3	64QAM	15	0	17.05	17.08	16.88		
3	256QAM	1	0	16.40	16.44	16.26	17.4	1
3	256QAM	1	8	16.45	16.48	16.33		
3	256QAM	1	14	16.53	16.30	16.31		
3	256QAM	8	0	16.29	16.45	16.48	17.4	1
3	256QAM	8	4	16.34	16.39	16.31		
3	256QAM	8	7	16.45	16.44	16.39		
3	256QAM	15	0	16.42	16.36	16.23		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.02	17.14	17.02	18.4	0
1.4	QPSK	1	3	16.98	16.94	16.88		
1.4	QPSK	1	5	16.92	16.97	17.04		
1.4	QPSK	3	0	17.04	17.13	17.18		
1.4	QPSK	3	1	16.96	16.96	16.80		
1.4	QPSK	3	3	16.97	16.89	17.00		
1.4	QPSK	6	0	17.04	17.03	17.15	18.4	0
1.4	16QAM	1	0	17.04	16.84	16.89	18.4	0
1.4	16QAM	1	3	16.98	17.01	16.87		
1.4	16QAM	1	5	17.09	17.08	17.11		
1.4	16QAM	3	0	17.04	16.75	16.79		
1.4	16QAM	3	1	17.11	16.86	17.06		
1.4	16QAM	3	3	17.06	17.08	17.12		
1.4	16QAM	6	0	16.99	16.82	16.95	18.4	0
1.4	64QAM	1	0	17.00	16.95	16.89	18.4	0
1.4	64QAM	1	3	16.98	17.02	16.93		
1.4	64QAM	1	5	17.01	16.88	16.85		
1.4	64QAM	3	0	17.12	17.01	16.83		
1.4	64QAM	3	1	17.13	17.04	17.12		
1.4	64QAM	3	3	17.03	16.90	16.93		
1.4	64QAM	6	0	17.07	17.10	16.88	18.4	0
1.4	256QAM	1	0	16.41	16.32	16.33	17.4	1
1.4	256QAM	1	3	16.64	16.47	16.37		
1.4	256QAM	1	5	16.48	16.35	16.42		
1.4	256QAM	3	0	16.37	16.33	16.33		
1.4	256QAM	3	1	16.50	16.55	16.45		
1.4	256QAM	3	3	16.58	16.48	16.30		
1.4	256QAM	6	0	16.28	16.35	16.21	17.4	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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.51	22.45	24	0
15	QPSK	1	37	22.39	22.49	22.27		
15	QPSK	1	74	22.34	22.20	22.38		
15	QPSK	36	0	21.29	21.48	21.37	23	1
15	QPSK	36	20	21.27	21.27	21.44		
15	QPSK	36	39	21.43	21.32	21.38		
15	QPSK	75	0	21.36	21.45	21.26		
15	16QAM	1	0	21.69	21.78	21.69	23	1
15	16QAM	1	37	21.81	21.84	21.73		
15	16QAM	1	74	21.86	21.83	21.73		
15	16QAM	36	0	20.41	20.52	20.54	22	2
15	16QAM	36	20	20.54	20.44	20.65		
15	16QAM	36	39	20.56	20.49	20.55		
15	16QAM	75	0	20.34	20.47	20.39		
15	64QAM	1	0	20.83	20.77	20.75	22	2
15	64QAM	1	37	20.84	20.68	20.71		
15	64QAM	1	74	20.73	20.89	20.75		
15	64QAM	36	0	19.65	19.53	19.53	21	3
15	64QAM	36	20	19.48	19.44	19.53		
15	64QAM	36	39	19.61	19.64	19.40		
15	64QAM	75	0	19.41	19.50	19.56		
15	256QAM	1	0	17.69	17.78	17.77	19	5
15	256QAM	1	37	17.89	17.67	17.76		
15	256QAM	1	74	17.75	17.84	17.87		
15	256QAM	36	0	17.58	17.63	17.53	19	5
15	256QAM	36	20	17.60	17.65	17.54		
15	256QAM	36	39	17.70	17.66	17.73		
15	256QAM	75	0	17.56	17.60	17.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.44	22.40	22.39	24	0
10	QPSK	1	25	22.34	22.39	22.16		
10	QPSK	1	49	22.28	22.24	22.26		
10	QPSK	25	0	21.24	21.44	21.33	23	1
10	QPSK	25	12	21.23	21.22	21.37		
10	QPSK	25	25	21.37	21.20	21.31		
10	QPSK	50	0	21.28	21.35	21.15		
10	16QAM	1	0	21.62	21.67	21.65	23	1
10	16QAM	1	25	21.74	21.73	21.61		
10	16QAM	1	49	21.74	21.77	21.67		
10	16QAM	25	0	20.37	20.47	20.49	22	2
10	16QAM	25	12	20.44	20.40	20.53		
10	16QAM	25	25	20.51	20.38	20.50		
10	16QAM	50	0	20.28	20.41	20.33		
10	64QAM	1	0	20.76	20.72	20.64	22	2
10	64QAM	1	25	20.75	20.63	20.58		
10	64QAM	1	49	20.67	20.85	20.66		
10	64QAM	25	0	19.59	19.45	19.42	21	3
10	64QAM	25	12	19.38	19.36	19.49		
10	64QAM	25	25	19.55	19.60	19.28		
10	64QAM	50	0	19.34	19.43	19.45		
10	256QAM	1	0	17.57	17.68	17.66	19	5
10	256QAM	1	25	17.80	17.57	17.73		
10	256QAM	1	49	17.68	17.75	17.84		
10	256QAM	25	0	17.50	17.51	17.50	19	5
10	256QAM	25	12	17.55	17.60	17.49		
10	256QAM	25	25	17.64	17.56	17.60		
10	256QAM	50	0	17.49	17.55	17.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.45	22.36	24	0
5	QPSK	1	12	22.33	22.46	22.16		
5	QPSK	1	24	22.27	22.23	22.26		
5	QPSK	12	0	21.22	21.41	21.31	23	1
5	QPSK	12	7	21.18	21.16	21.37		
5	QPSK	12	13	21.37	21.22	21.26		
5	QPSK	25	0	21.29	21.38	21.22		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.74	21.68		
5	16QAM	1	24	21.79	21.79	21.64		
5	16QAM	12	0	20.31	20.43	20.50	22	2
5	16QAM	12	7	20.41	20.34	20.58		
5	16QAM	12	13	20.46	20.37	20.44		
5	16QAM	25	0	20.23	20.41	20.26		
5	64QAM	1	0	20.79	20.71	20.69	22	2
5	64QAM	1	12	20.73	20.63	20.60		
5	64QAM	1	24	20.68	20.81	20.65		
5	64QAM	12	0	19.56	19.49	19.43	21	3
5	64QAM	12	7	19.42	19.41	19.45		
5	64QAM	12	13	19.48	19.51	19.36		
5	64QAM	25	0	19.30	19.38	19.44		
5	256QAM	1	0	17.64	17.66	17.64	19	5
5	256QAM	1	12	17.84	17.60	17.69		
5	256QAM	1	24	17.67	17.74	17.74		
5	256QAM	12	0	17.53	17.54	17.42	19	5
5	256QAM	12	7	17.51	17.62	17.46		
5	256QAM	12	13	17.61	17.60	17.66		
5	256QAM	25	0	17.45	17.51	17.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.43	22.47	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.19		
3	QPSK	1	14	22.29	22.25	22.27		
3	QPSK	8	0	21.20	21.44	21.26	23	1
3	QPSK	8	4	21.16	21.17	21.39		
3	QPSK	8	7	21.38	21.27	21.26		
3	QPSK	15	0	21.26	21.41	21.21		
3	16QAM	1	0	21.61	21.66	21.59	23	1
3	16QAM	1	8	21.75	21.73	21.64		
3	16QAM	1	14	21.82	21.80	21.65		
3	16QAM	8	0	20.34	20.44	20.50	22	2
3	16QAM	8	4	20.42	20.39	20.53		
3	16QAM	8	7	20.48	20.42	20.48		
3	16QAM	15	0	20.27	20.37	20.26		
3	64QAM	1	0	20.78	20.67	20.68	22	2
3	64QAM	1	8	20.79	20.55	20.61		
3	64QAM	1	14	20.62	20.77	20.65		
3	64QAM	8	0	19.55	19.43	19.41	21	3
3	64QAM	8	4	19.36	19.32	19.47		
3	64QAM	8	7	19.57	19.58	19.36		
3	64QAM	15	0	19.29	19.41	19.43		
3	256QAM	1	0	17.65	17.75	17.70	19	5
3	256QAM	1	8	17.85	17.55	17.72		
3	256QAM	1	14	17.63	17.78	17.76		
3	256QAM	8	0	17.49	17.53	17.44	19	5
3	256QAM	8	4	17.51	17.62	17.44		
3	256QAM	8	7	17.59	17.55	17.65		
3	256QAM	15	0	17.51	17.48	17.43		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.39	22.37	24	0
1.4	QPSK	1	3	22.27	22.41	22.19		
1.4	QPSK	1	5	22.22	22.23	22.30		
1.4	QPSK	3	0	22.39	22.44	22.39		
1.4	QPSK	3	1	22.33	22.39	22.16		
1.4	QPSK	3	3	22.22	22.25	22.29		
1.4	QPSK	6	0	21.31	21.40	21.19	23	1
1.4	16QAM	1	0	21.63	21.66	21.62	23	1
1.4	16QAM	1	3	21.70	21.79	21.60		
1.4	16QAM	1	5	21.83	21.75	21.68		
1.4	16QAM	3	0	21.18	21.44	21.32		
1.4	16QAM	3	1	21.14	21.23	21.34		
1.4	16QAM	3	3	21.40	21.28	21.31		
1.4	16QAM	6	0	20.28	20.37	20.28	22	2
1.4	64QAM	1	0	20.77	20.69	20.66	22	2
1.4	64QAM	1	3	20.74	20.63	20.62		
1.4	64QAM	1	5	20.65	20.82	20.65		
1.4	64QAM	3	0	20.37	20.46	20.50		
1.4	64QAM	3	1	20.49	20.32	20.61		
1.4	64QAM	3	3	20.46	20.44	20.50		
1.4	64QAM	6	0	19.37	19.47	19.46	21	3
1.4	256QAM	1	0	17.65	17.68	17.66	19	5
1.4	256QAM	1	3	17.77	17.57	17.66		
1.4	256QAM	1	5	17.69	17.79	17.77		
1.4	256QAM	3	0	17.54	17.60	17.43		
1.4	256QAM	3	1	17.57	17.60	17.44		
1.4	256QAM	3	3	17.65	17.59	17.68		
1.4	256QAM	6	0	17.49	17.56	17.41	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.21	17.36	17.29	18.4	0
20	QPSK	1	49	17.21	17.25	17.26		
20	QPSK	1	99	17.20	17.18	17.05		
20	QPSK	50	0	17.26	17.31	17.29	18.4	0
20	QPSK	50	24	17.14	17.18	17.23		
20	QPSK	50	50	17.24	17.13	17.06		
20	QPSK	100	0	17.20	17.33	17.24		
20	16QAM	1	0	17.22	17.29	17.18	18.4	0
20	16QAM	1	49	17.29	17.16	17.07		
20	16QAM	1	99	17.30	17.31	17.28		
20	16QAM	50	0	17.17	17.25	17.26	18.4	0
20	16QAM	50	24	17.28	17.14	17.12		
20	16QAM	50	50	17.21	17.26	17.29		
20	16QAM	100	0	17.21	17.16	17.06		
20	64QAM	1	0	17.23	17.33	17.27	18.4	0
20	64QAM	1	49	17.22	17.20	17.29		
20	64QAM	1	99	17.26	17.12	17.12		
20	64QAM	50	0	17.27	17.24	17.20	18.4	0
20	64QAM	50	24	17.22	17.12	17.15		
20	64QAM	50	50	17.12	17.22	17.22		
20	64QAM	100	0	17.33	17.26	17.25		
20	256QAM	1	0	16.22	16.32	16.28	17.4	1
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.4	1
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.00	17.27	17.12	18.4	0
15	QPSK	1	37	17.17	17.15	17.08		
15	QPSK	1	74	17.15	17.14	16.90		
15	QPSK	36	0	17.06	17.23	17.18	18.4	0
15	QPSK	36	20	16.98	16.97	17.16		
15	QPSK	36	39	17.05	17.05	16.96		
15	QPSK	75	0	17.02	17.15	17.12		
15	16QAM	1	0	17.10	17.26	17.05	18.4	0
15	16QAM	1	37	17.25	17.04	17.02		
15	16QAM	1	74	17.13	17.25	17.09		
15	16QAM	36	0	17.07	17.10	17.19	18.4	0
15	16QAM	36	20	17.18	17.12	17.00		
15	16QAM	36	39	17.08	17.18	17.14		
15	16QAM	75	0	17.16	17.11	16.95		
15	64QAM	1	0	17.10	17.16	17.16	18.4	0
15	64QAM	1	37	17.08	17.16	17.25		
15	64QAM	1	74	17.21	16.96	17.04		
15	64QAM	36	0	17.16	17.12	17.18	18.4	0
15	64QAM	36	20	17.02	16.90	16.95		
15	64QAM	36	39	17.04	17.06	17.15		
15	64QAM	75	0	17.23	17.10	17.11		
15	256QAM	1	0	16.14	16.30	16.15	17.4	1
15	256QAM	1	37	16.13	16.05	16.17		
15	256QAM	1	74	16.21	16.23	16.12		
15	256QAM	36	0	16.18	16.10	16.22	17.4	1
15	256QAM	36	20	16.24	16.22	16.13		
15	256QAM	36	39	16.19	16.21	16.20		
15	256QAM	75	0	16.02	16.12	16.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.01	17.22	17.20	18.4	0
10	QPSK	1	25	17.08	17.03	17.08		
10	QPSK	1	49	17.14	17.15	17.02		
10	QPSK	25	0	17.16	17.23	17.17	18.4	0
10	QPSK	25	12	17.07	17.05	17.14		
10	QPSK	25	25	17.08	16.93	17.01		
10	QPSK	50	0	17.01	17.16	17.05		
10	16QAM	1	0	17.02	17.15	17.02	18.4	0
10	16QAM	1	25	17.15	17.12	16.86		
10	16QAM	1	49	17.14	17.20	17.22		
10	16QAM	25	0	17.02	17.16	17.08	18.4	0
10	16QAM	25	12	17.09	17.03	17.10		
10	16QAM	25	25	17.15	17.23	17.14		
10	16QAM	50	0	17.08	17.03	17.03		
10	64QAM	1	0	17.15	17.17	17.24	18.4	0
10	64QAM	1	25	17.06	17.14	17.08		
10	64QAM	1	49	17.16	17.07	17.07		
10	64QAM	25	0	17.14	17.13	17.13	18.4	0
10	64QAM	25	12	17.13	17.02	17.06		
10	64QAM	25	25	17.04	17.16	17.01		
10	64QAM	50	0	17.18	17.22	17.19		
10	256QAM	1	0	16.15	16.24	16.08	17.4	1
10	256QAM	1	25	16.08	16.23	16.19		
10	256QAM	1	49	16.32	16.07	16.13		
10	256QAM	25	0	16.18	16.21	16.22	17.4	1
10	256QAM	25	12	16.19	16.21	16.17		
10	256QAM	25	25	16.10	16.23	16.25		
10	256QAM	50	0	16.16	16.09	16.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.13	17.31	17.21	18.4	0
5	QPSK	1	12	17.11	17.05	17.05		
5	QPSK	1	24	16.99	16.98	16.90		
5	QPSK	12	0	17.15	17.26	17.25	18.4	0
5	QPSK	12	7	17.09	17.05	17.07		
5	QPSK	12	13	17.12	16.97	16.97		
5	QPSK	25	0	17.04	17.27	17.09		
5	16QAM	1	0	17.16	17.19	17.04	18.4	0
5	16QAM	1	12	17.11	17.11	16.96		
5	16QAM	1	24	17.22	17.28	17.07		
5	16QAM	12	0	17.04	17.21	17.06	18.4	0
5	16QAM	12	7	17.11	17.03	16.94		
5	16QAM	12	13	17.07	17.18	17.13		
5	16QAM	25	0	17.03	16.96	16.95		
5	64QAM	1	0	17.20	17.29	17.25	18.4	0
5	64QAM	1	12	17.17	17.04	17.18		
5	64QAM	1	24	17.13	16.96	17.07		
5	64QAM	12	0	17.12	17.07	17.15	18.4	0
5	64QAM	12	7	17.11	16.99	17.02		
5	64QAM	12	13	17.07	17.07	17.14		
5	64QAM	25	0	17.24	17.12	17.16		
5	256QAM	1	0	16.03	16.22	16.17	17.4	1
5	256QAM	1	12	16.07	16.06	16.11		
5	256QAM	1	24	16.17	16.18	16.18		
5	256QAM	12	0	16.16	16.21	16.13	17.4	1
5	256QAM	12	7	16.19	16.16	16.19		
5	256QAM	12	13	16.25	16.14	16.26		
5	256QAM	25	0	16.03	16.20	16.18		
Channel				131827	132322	132822	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.15	17.34	17.10	18.4	0
3	QPSK	1	8	17.01	17.09	17.18		
3	QPSK	1	14	17.11	17.10	16.97		
3	QPSK	8	0	17.23	17.12	17.10	18.4	0
3	QPSK	8	4	17.10	17.11	17.19		
3	QPSK	8	7	17.22	16.96	16.88		
3	QPSK	15	0	17.04	17.18	17.05		
3	16QAM	1	0	17.06	17.18	17.12	18.4	0
3	16QAM	1	8	17.13	17.03	17.03		
3	16QAM	1	14	17.16	17.19	17.26		
3	16QAM	8	0	16.99	17.16	17.12	18.4	0
3	16QAM	8	4	17.07	16.96	17.02		
3	16QAM	8	7	17.18	17.17	17.17		
3	16QAM	15	0	17.16	17.00	16.87		
3	64QAM	1	0	17.13	17.23	17.21	18.4	0
3	64QAM	1	8	17.03	17.02	17.26		
3	64QAM	1	14	17.17	17.06	17.00		
3	64QAM	8	0	17.12	17.06	17.12	18.4	0
3	64QAM	8	4	17.17	16.92	16.97		
3	64QAM	8	7	16.93	17.16	17.05		
3	64QAM	15	0	17.19	17.04	17.05		
3	256QAM	1	0	16.05	16.29	16.11	17.4	1
3	256QAM	1	8	16.03	16.22	16.08		
3	256QAM	1	14	16.19	16.07	16.16		
3	256QAM	8	0	16.05	16.22	16.24	17.4	1
3	256QAM	8	4	16.31	16.24	16.06		
3	256QAM	8	7	16.15	16.24	16.16		
3	256QAM	15	0	16.10	16.13	16.14		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.06	17.32	17.19	18.4	0
1.4	QPSK	1	3	17.14	17.14	17.23		
1.4	QPSK	1	5	17.01	16.98	16.95		
1.4	QPSK	3	0	17.10	17.25	17.19		
1.4	QPSK	3	1	16.94	17.03	17.04		
1.4	QPSK	3	3	17.19	17.08	17.02		
1.4	QPSK	6	0	17.06	17.28	17.20	18.4	0
1.4	16QAM	1	0	17.17	17.09	16.99	18.4	0
1.4	16QAM	1	3	17.18	17.02	16.98		
1.4	16QAM	1	5	17.08	17.29	17.21		
1.4	16QAM	3	0	17.12	17.17	17.10		
1.4	16QAM	3	1	17.13	16.93	17.03		
1.4	16QAM	3	3	17.06	17.13	17.14		
1.4	16QAM	6	0	17.00	17.06	16.97	18.4	0
1.4	64QAM	1	0	17.13	17.16	17.21	18.4	0
1.4	64QAM	1	3	17.00	17.03	17.14		
1.4	64QAM	1	5	17.16	17.04	16.98		
1.4	64QAM	3	0	17.08	17.14	17.15		
1.4	64QAM	3	1	17.14	16.92	16.99		
1.4	64QAM	3	3	16.95	17.12	17.07		
1.4	64QAM	6	0	17.26	17.14	17.06	18.4	0
1.4	256QAM	1	0	16.17	16.10	16.26	17.4	1
1.4	256QAM	1	3	16.11	16.21	16.08		
1.4	256QAM	1	5	16.24	16.17	16.17		
1.4	256QAM	3	0	16.14	16.20	16.09		
1.4	256QAM	3	1	16.21	16.26	16.19		
1.4	256QAM	3	3	16.08	16.22	16.29		
1.4	256QAM	6	0	16.14	16.08	16.15	17.4	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.81	22.92	22.68	24	0
20	QPSK	1	49	22.68	22.87	22.55		
20	QPSK	1	99	22.76	22.89	22.43		
20	QPSK	50	0	21.64	21.89	21.63	23	1
20	QPSK	50	24	21.79	21.78	21.85		
20	QPSK	50	50	21.64	21.78	21.67		
20	QPSK	100	0	21.72	21.86	21.67		
20	16QAM	1	0	22.30	22.18	22.20	23	1
20	16QAM	1	49	22.30	22.14	22.07		
20	16QAM	1	99	22.23	22.09	22.31		
20	16QAM	50	0	20.87	20.87	20.75	22	2
20	16QAM	50	24	20.99	20.95	20.98		
20	16QAM	50	50	20.80	20.93	20.92		
20	16QAM	100	0	20.85	20.96	20.94		
20	64QAM	1	0	21.12	21.14	21.08	22	2
20	64QAM	1	49	21.19	21.21	21.17		
20	64QAM	1	99	21.23	21.09	21.07		
20	64QAM	50	0	19.99	19.87	19.88	21	3
20	64QAM	50	24	19.79	19.96	19.97		
20	64QAM	50	50	19.85	19.80	19.82		
20	64QAM	100	0	19.80	19.82	19.95		
20	256QAM	1	0	18.15	18.13	18.26	19	5
20	256QAM	1	49	18.05	18.21	18.20		
20	256QAM	1	99	18.04	18.19	18.02		
20	256QAM	50	0	18.02	18.01	18.01	19	5
20	256QAM	50	24	18.03	18.07	17.88		
20	256QAM	50	50	18.04	18.10	18.04		
20	256QAM	100	0	17.95	18.02	17.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.48	22.39	24	0
15	QPSK	1	37	22.35	22.44	22.23		
15	QPSK	1	74	22.25	22.26	22.34		
15	QPSK	36	0	21.21	21.35	21.24	23	1
15	QPSK	36	20	21.23	21.19	21.32		
15	QPSK	36	39	21.33	21.22	21.27		
15	QPSK	75	0	21.24	21.38	21.21		
15	16QAM	1	0	21.63	21.69	21.66	23	1
15	16QAM	1	37	21.72	21.78	21.65		
15	16QAM	1	74	21.78	21.73	21.63		
15	16QAM	36	0	20.33	20.44	20.44	22	2
15	16QAM	36

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BW [MHz]	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	20.50	20.52	20.34	21.7	0
20	QPSK	1	49	20.43	20.45	20.24		
20	QPSK	1	99	20.42	20.38	20.10		
20	QPSK	50	0	20.38	20.47	20.32	21.7	0
20	QPSK	50	24	20.20	20.45	20.45		
20	QPSK	50	50	20.38	20.27	20.42		
20	QPSK	100	0	20.32	20.39	20.29		
20	16QAM	1	0	20.44	20.44	20.47	21.7	0
20	16QAM	1	49	20.50	20.46	20.44		
20	16QAM	1	99	20.48	20.44	20.45		
20	16QAM	50	0	19.41	19.46	19.51	20.7	1
20	16QAM	50	24	19.49	19.51	19.57		
20	16QAM	50	50	19.58	19.44	19.47		
20	16QAM	100	0	19.38	19.43	19.50		
20	64QAM	1	0	19.08	19.15	19.08	20.7	1
20	64QAM	1	49	19.03	19.02	19.19		
20	64QAM	1	99	19.07	19.22	19.16		
20	64QAM	50	0	18.54	18.49	18.52	19.7	2
20	64QAM	50	24	18.42	18.51	18.47		
20	64QAM	50	50	18.62	18.54	18.53		
20	64QAM	100	0	18.50	18.42	18.33		
20	256QAM	1	0	16.33	16.36	16.34	17.7	4
20	256QAM	1	49	16.31	16.27	16.25		
20	256QAM	1	99	16.31	16.31	16.34		
20	256QAM	50	0	16.50	16.49	16.44	17.7	4
20	256QAM	50	24	16.51	16.41	16.59		
20	256QAM	50	50	16.61	16.52	16.41		
20	256QAM	100	0	16.27	16.39	16.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.32	20.43	20.23	21.7	0
15	QPSK	1	37	20.30	20.28	20.16		
15	QPSK	1	74	20.31	20.28	19.98		
15	QPSK	36	0	20.21	20.35	20.19	21.7	0
15	QPSK	36	20	20.02	20.39	20.26		
15	QPSK	36	39	20.34	20.12	20.22		
15	QPSK	75	0	20.13	20.22	20.25		
15	16QAM	1	0	20.34	20.35	20.37	21.7	0
15	16QAM	1	37	20.45	20.38	20.39		
15	16QAM	1	74	20.31	20.27	20.32		
15	16QAM	36	0	19.29	19.35	19.39	20.7	1
15	16QAM	36	20	19.28	19.49	19.48		
15	16QAM	36	39	19.47	19.32	19.32		
15	16QAM	75	0	19.29	19.41	19.42		
15	64QAM	1	0	19.01	18.97	18.91	20.7	1
15	64QAM	1	37	18.89	18.81	19.07		
15	64QAM	1	74	19.01	19.07	19.10		
15	64QAM	36	0	18.42	18.42	18.41	19.7	2
15	64QAM	36	20	18.36	18.43	18.34		
15	64QAM	36	39	18.58	18.46	18.33		
15	64QAM	75	0	18.43	18.34	18.11		
15	256QAM	1	0	16.23	16.30	16.23	17.7	4
15	256QAM	1	37	16.24	16.14	16.09		
15	256QAM	1	74	16.15	16.17	16.17		
15	256QAM	36	0	16.38	16.44	16.35	17.7	4
15	256QAM	36	20	16.42	16.39	16.50		
15	256QAM	36	39	16.56	16.40	16.37		
15	256QAM	75	0	16.07	16.20	16.10		
Channel				37550	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.45	20.49	20.15	21.7	0
10	QPSK	1	25	20.23	20.33	20.11		
10	QPSK	1	49	20.22	20.32	19.99		
10	QPSK	25	0	20.30	20.35	20.18	21.7	0
10	QPSK	25	12	20.18	20.35	20.24		
10	QPSK	25	25	20.24	20.19	20.33		
10	QPSK	50	0	20.23	20.27	20.19		
10	16QAM	1	0	20.30	20.33	20.30	21.7	0
10	16QAM	1	25	20.34	20.37	20.37		
10	16QAM	1	49	20.40	20.32	20.31		
10	16QAM	25	0	19.27	19.41	19.36	20.7	1
10	16QAM	25	12	19.45	19.35	19.52		
10	16QAM	25	25	19.42	19.42	19.41		
10	16QAM	50	0	19.28	19.37	19.32		
10	64QAM	1	0	18.88	19.01	18.93	20.7	1
10	64QAM	1	25	18.98	18.83	19.15		
10	64QAM	1	49	18.89	19.08	19.07		
10	64QAM	25	0	18.35	18.32	18.39	19.7	2
10	64QAM	25	12	18.25	18.35	18.27		
10	64QAM	25	25	18.55	18.51	18.44		
10	64QAM	50	0	18.33	18.22	18.22		
10	256QAM	1	0	16.28	16.30	16.23	17.7	4
10	256QAM	1	25	16.18	16.24	16.04		
10	256QAM	1	49	16.23	16.20	16.17		
10	256QAM	25	0	16.37	16.42	16.35	17.7	4
10	256QAM	25	12	16.38	16.23	16.43		
10	256QAM	25	25	16.45	16.36	16.21		
10	256QAM	50	0	16.23	16.37	16.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	20.40	20.42	20.14	21.7	0
5	QPSK	1	12	20.28	20.29	20.04		
5	QPSK	1	24	20.34	20.29	19.93		
5	QPSK	12	0	20.35	20.29	20.10	21.7	0
5	QPSK	12	7	19.99	20.39	20.30		
5	QPSK	12	13	20.27	20.21	20.40		
5	QPSK	25	0	20.15	20.19	20.25		
5	16QAM	1	0	20.26	20.32	20.30	21.7	0
5	16QAM	1	12	20.28	20.29	20.29		
5	16QAM	1	24	20.43	20.24	20.25		
5	16QAM	12	0	19.19	19.28	19.32	20.7	1
5	16QAM	12	7	19.33	19.36	19.52		
5	16QAM	12	13	19.48	19.24	19.30		
5	16QAM	25	0	19.22	19.32	19.38		
5	64QAM	1	0	18.89	19.11	19.00	20.7	1
5	64QAM	1	12	18.94	18.85	19.14		
5	64QAM	1	24	18.99	19.16	19.07		
5	64QAM	12	0	18.45	18.44	18.41	19.7	2
5	64QAM	12	7	18.29	18.43	18.28		
5	64QAM	12	13	18.53	18.43	18.45		
5	64QAM	25	0	18.32	18.25	18.18		
5	256QAM	1	0	16.25	16.33	16.29	17.7	4
5	256QAM	1	12	16.29	16.15	16.06		
5	256QAM	1	24	16.10	16.22	16.14		
5	256QAM	12	0	16.46	16.33	16.40	17.7	4
5	256QAM	12	7	16.41	16.25	16.47		
5	256QAM	12	13	16.45	16.31	16.38		
5	256QAM	25	0	16.19	16.18	16.13		

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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	20.58	20.47	20.67	20.50	20.59	21.7	0
20	QPSK	1	49	20.55	20.53	20.52	20.55	20.42		
20	QPSK	1	99	20.47	20.46	20.61	20.45	20.44		
20	QPSK	50	0	20.33	20.38	20.53	20.35	20.39	21.7	0
20	QPSK	50	24	20.51	20.32	20.45	20.52	20.42		
20	QPSK	50	50	20.41	20.50	20.33	20.41	20.45		
20	QPSK	100	0	20.48	20.34	20.49	20.47	20.39		
20	16QAM	1	0	20.51	20.56	20.58	20.55	20.58	21.7	0
20	16QAM	1	49	20.62	20.46	20.46	20.57	20.45		
20	16QAM	1	99	20.61	20.60	20.52	20.51	20.57		
20	16QAM	50	0	19.46	19.59	19.52	19.61	19.53	20.7	1
20	16QAM	50	24	19.62	19.39	19.63	19.55	19.52		
20	16QAM	50	50	19.46	19.52	19.45	19.41	19.50		
20	16QAM	100	0	19.55	19.55	19.45	19.54	19.57		
20	64QAM	1	0	19.32	19.20	19.22	19.20	19.19	20.7	1
20	64QAM	1	49	19.24	19.20	19.24	19.28	19.28		
20	64QAM	1	99	19.22	19.10	19.23	19.25	19.22		
20	64QAM	50	0	18.45	18.51	18.51	18.52	18.53	19.7	2
20	64QAM	50	24	18.62	18.56	18.42	18.54	18.63		
20	64QAM	50	50	18.51	18.50	18.55	18.55	18.54		
20	64QAM	100	0	18.38	18.56	18.43	18.49	18.47		
20	256QAM	1	0	16.26	16.39	16.38	16.38	16.39	17.7	4
20	256QAM	1	49	16.41	16.35	16.49	16.48	16.29		
20	256QAM	1	99	16.34	16.42	16.43	16.41	16.32		
20	256QAM	50	0	16.64	16.56	16.53	16.50	16.63	17.7	4
20	256QAM	50	24	16.51	16.42	16.59	16.61	16.50		
20	256QAM	50	50	16.65	16.49	16.46	16.65	16.58		
20	256QAM	100	0	16.49	16.36	16.44	16.34	16.39		
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	20.33	20.65	20.38	20.39	22	0
15	QPSK	1	37	20.52	20.43	20.44	20.51	20.33		
15	QPSK	1	74	20.36	20.44	20.43	20.39	20.30		
15	QPSK	36	0	20.17	20.17	20.37	20.26	20.19	21.7	0
15	QPSK	36	20	20.40	20.18	20.25	20.41	20.33		
15	QPSK	36	39	20.38	20.38	20.14	20.29	20.38		
15	QPSK	75	0	20.30	20.17	20.37	20.32	20.35		
15	16QAM	1	0	20.43	20.41	20.54	20.46	20.43	21.7	0
15	16QAM	1	37	20.55	20.43	20.42	20.50	20.27		
15	16QAM	1	74	20.55	20.49	20.45	20.33	20.51		
15	16QAM	36	0	19.29	19.55	19.49	19.57	19.37	20.7	1
15	16QAM	36	20	19.49	19.20	19.53	19.48	19.38		
15	16QAM	36	39	19.29	19.37	19.25	19.32	19.36		
15	16QAM	75	0	19.52	19.43	19.23	19.52	19.50		
15	64QAM	1	0	19.16	19.00	19.15	18.99	19.14	20.7	1
15	64QAM	1	37	19.12	19.12	19.20	19.24	19.23		
15	64QAM	1	74	19.13	18.97	19.06	19.16	19.08		
15	64QAM	36	0	18.29	18.47	18.35	18.34	18.39	19.7	2
15	64QAM	36	20	18.54	18.39	18.23	18.48	18.54		
15	64QAM	36	39	18.39	18.36	18.35	18.37	18.44		
15	64QAM	75	0	18.17	18.44	18.31	18.39	18.39		
15	256QAM	1	0	16.23	16.25	16.24	16.23	16.29	17.7	4
15	256QAM	1	37	16.25	16.19	16.46	16.27	16.11		
15	256QAM	1	74	16.28	16.30	16.23	16.34	16.17		
15	256QAM	36	0	16.44	16.44	16.41	16.32	16.48	17.7	4
15	256QAM	36	20	16.38	16.33	16.49	16.49	16.40		
15	256QAM	36	39	16.50	16.45	16.32	16.63	16.39		
15	256QAM	75	0	16.32	16.19	16.23	16.22	16.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.46	20.28	20.52	20.28	20.40	22	0
10	QPSK	1	25	20.47	20.33	20.50	20.52	20.38		
10	QPSK	1	49	20.26	20.33	20.47	20.42	20.25		
10	QPSK	25	0	20.13	20.17	20.39	20.27	20.24	21.7	0
10	QPSK	25	12	20.34	20.14	20.31	20.31	20.39		
10	QPSK	25	25	20.22	20.45	20.23	20.28	20.38		
10	QPSK	50	0	20.40	20.19	20.41	20.40	20.23		
10	16QAM	1	0	20.29	20.36	20.42	20.48	20.42	21.7	0
10	16QAM	1	25	20.44	20.42	20.28	20.46	20.32		
10	16QAM	1	49	20.50	20.47	20.39	20.40	20.51		
10	16QAM	25	0	19.26	19.51	19.32	19.56	19.45	20.7	1
10	16QAM	25	12	19.47	19.21	19.48	19.38	19.30		
10	16QAM	25	25	19.27	19.32	19.35	19.38	19.35		
10	16QAM	50	0	19.46	19.34	19.29	19.33	19.42		
10	64QAM	1	0	19.34	19.06	19.06	19.06	19.01	20.7	1
10	64QAM	1	25	19.08	19.04	19.22	19.11	19.12		
10	64QAM	1	49	19.01	18.94	19.12	19.06	19.01		
10	64QAM	25	0	18.40	18.39	18.39	18.33	18.40	19.7	2
10	64QAM	25	12	18.58	18.45	18.23	18.33	18.59		
10	64QAM	25	25	18.37	18.34	18.49	18.49	18.51		
10	64QAM	50	0	18.28	18.48	18.29	18.32	18.37		
10	256QAM	1	0	16.22	16.31	16.21	16.17	16.20	17.7	4
10	256QAM	1	25	16.25	16.16	16.33	16.33	16.20		
10	256QAM	1	49	16.18	16.30	16.27	16.32	16.16		
10	256QAM	25	0	16.50	16.44	16.43	16.45	16.60	17.7	4
10	256QAM	25	12	16.38	16.23	16.47	16.44	16.31		
10	256QAM	25	25	16.51	16.30	16.36	16.59	16.42		
10	256QAM	50	0	16.29	16.18	16.32	16.12	16.27		
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	20.37	20.39	20.59	20.46	20.49	22	0
5	QPSK	1	12	20.33	20.32	20.39	20.39	20.30		
5	QPSK	1	24	20.35	20.41	20.52	20.34	20.41		
5	QPSK	12	0	20.19	20.28	20.51	20.27	20.21	21.7	0
5	QPSK	12	7	20.38	20.25	20.24	20.40	20.33		
5	QPSK	12	13	20.28	20.37	20.18	20.31	20.24		
5	QPSK	25	0	20.40	20.28	20.44	20.44	20.30		
5	16QAM	1	0	20.49	20.43	20.42	20.39	20.44	21.7	0
5	16QAM	1	12	20.59	20.38	20.24	20.36	20.35		
5	16QAM	1	24	20.40	20.53	20.37	20.35	20.54		
5	16QAM	12	0	19.36	19.39	19.40	19.48	19.45	20.7	1
5	16QAM	12	7	19.44	19.35	19.60	19.52	19.43		
5	16QAM	12	13	19.40	19.40	19.32	19.25	19.48		
5	16QAM	25	0	19.49	19.48	19.38	19.48	19.37		
5	64QAM	1	0	19.22	19.01	19.14	19.07	19.07	20.7	1
5	64QAM	1	12	19.10	19.10	19.14	19.20	19.16		
5	64QAM	1	24	19.08	18.96	19.03	19.13	19.17		
5	64QAM	12	0	18.24	18.30	18.47	18.41	18.49	19.7	2
5	64QAM	12	7	18.57	18.45	18.32	18.46	18.42		
5	64QAM	12	13	18.43	18.40	18.50	18.35	18.45		
5	64QAM	25	0	18.33	18.47	18.30	18.44	18.32		
5	256QAM	1	0	16.06	16.25	16.17	16.32	16.22	17.7	4
5	256QAM	1	12	16.23	16.31	16.31	16.41	16.18		
5	256QAM	1	24	16.28	16.20	16.33	16.30	16.13		
5	256QAM	12	0	16.61	16.41	16.48	16.43	16.44	17.7	4
5	256QAM	12	7	16.35	16.23	16.48	16.48	16.47		
5	256QAM	12	13	16.59	16.44	16.41	16.59	16.46		
5	256QAM	25	0	16.33	16.24	16.39	16.24	16.33		

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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	22.23	22.13	22.29	22.11	22.08	23.3	0
20	QPSK	1	49	22.18	22.14	22.15	22.07	22.08		
20	QPSK	1	99	22.13	22.09	22.08	22.09	22.18		
20	QPSK	50	0	22.19	22.10	22.22	22.04	22.03	23.3	0
20	QPSK	50	24	22.15	22.06	22.10	22.02	22.14		
20	QPSK	50	50	22.09	22.09	22.18	22.11	22.15		
20	QPSK	100	0	22.17	22.09	22.24	21.98	21.89		
20	16QAM	1	0	21.94	21.86	22.12	21.99	22.18	23.3	0
20	16QAM	1	49	22.13	22.00	22.13	21.78	22.13		
20	16QAM	1	99	22.19	22.07	22.21	21.97	21.86		
20	16QAM	50	0	21.90	21.93	22.11	22.06	22.14	23.3	0
20	16QAM	50	24	22.11	22.01	22.16	21.83	22.15		
20	16QAM	50	50	22.16	22.15	22.26	22.04	21.94		
20	16QAM	100	0	21.87	21.95	22.14	21.98	22.14		
20	64QAM	1	0	22.16	22.07	22.26	22.01	21.86	23.3	0
20	64QAM	1	49	21.96	21.90	22.20	22.01	22.15		
20	64QAM	1	99	22.11	22.05	22.09	21.78	22.19		
20	64QAM	50	0	21.64	21.43	21.52	21.41	21.39	22.3	1
20	64QAM	50	24	21.62	21.43	21.57	21.41	21.56		
20	64QAM	50	50	21.41	21.63	21.61	21.54	21.49		
20	64QAM	100	0	21.40	21.50	21.41	21.43	21.51		
20	256QAM	1	0	19.38	19.58	19.49	19.42	19.37	20.3	3
20	256QAM	1	49	19.48	19.40	19.38	19.56	19.51		
20	256QAM	1	99	19.47	19.44	19.44	19.52	19.51		
20	256QAM	50	0	19.45	19.44	19.52	19.45	19.48	20.3	3
20	256QAM	50	24	19.49	19.53	19.65	19.59	19.41		
20	256QAM	50	50	19.44	19.62	19.61	19.42	19.62		
20	256QAM	100	0	19.34	19.36	19.42	19.53	19.30		
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	22.05	22.00	22.14	21.97	22.04	23	0
15	QPSK	1	37	21.99	21.94	22.07	22.01	22.02		
15	QPSK	1	74	21.93	22.00	21.89	22.07	22.05		
15	QPSK	36	0	22.08	22.06	22.18	21.95	22.01	23.3	0
15	QPSK	36	20	22.01	21.87	22.08	21.96	22.03		
15	QPSK	36	39	21.90	22.00	22.15	21.89	22.08		
15	QPSK	75	0	21.99	21.97	22.16	21.96	21.77		
15	16QAM	1	0	21.86	21.68	21.99	21.95	22.03	23.3	0
15	16QAM	1	37	21.93	21.96	21.92	21.75	22.11		
15	16QAM	1	74	22.12	21.96	22.16	21.84	21.67		
15	16QAM	36	0	21.78	21.81	21.93	21.86	22.09	23.3	0
15	16QAM	36	20	21.96	21.81	22.05	21.76	22.04		
15	16QAM	36	39	22.10	22.09	22.11	22.00	21.78		
15	16QAM	75	0	21.69	21.85	22.12	21.90	22.01		
15	64QAM	1	0	22.00	21.94	22.05	21.88	21.81	23.3	0
15	64QAM	1	37	21.76	21.88	22.11	21.84	22.09		
15	64QAM	1	74	21.94	21.91	22.04	21.76	22.04		
15	64QAM	36	0	21.49	21.28	21.36	21.21	21.28	22.3	1
15	64QAM	36	20	21.43	21.39	21.41	21.19	21.44		
15	64QAM	36	39	21.22	21.51	21.40	21.44	21.43		
15	64QAM	75	0	21.31	21.37	21.34	21.27	21.32		
15	256QAM	1	0	19.21	19.42	19.31	19.36	19.20	20.3	3
15	256QAM	1	37	19.40	19.32	19.27	19.34	19.44		
15	256QAM	1	74	19.30	19.23	19.23	19.38	19.29		
15	256QAM	36	0	19.39	19.27	19.38	19.25	19.40	20.3	3
15	256QAM	36	20	19.32	19.44	19.61	19.56	19.34		
15	256QAM	36	39	19.27	19.40	19.43	19.35	19.41		
15	256QAM	75	0	19.19	19.33	19.27	19.36	19.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.17	21.98	22.15	22.07	21.90	23	0
10	QPSK	1	25	22.04	21.92	22.02	21.89	21.98		
10	QPSK	1	49	21.98	22.02	22.03	21.97	22.14		
10	QPSK	25	0	22.15	22.02	22.10	21.97	21.96	23.3	0
10	QPSK	25	12	22.12	21.86	21.90	21.84	21.94		
10	QPSK	25	25	21.93	21.97	22.13	22.05	22.00		
10	QPSK	50	0	21.99	22.04	22.09	21.78	21.86		
10	16QAM	1	0	21.87	21.84	22.00	21.79	22.05	23.3	0
10	16QAM	1	25	22.10	21.90	22.08	21.70	22.00		
10	16QAM	1	49	21.89	21.94	22.11	21.89	21.68		
10	16QAM	25	0	21.75	21.86	21.97	21.87	21.92	23.3	0
10	16QAM	25	12	21.97	21.99	22.09	21.78	22.08		
10	16QAM	25	25	22.11	21.97	22.12	21.99	21.76		
10	16QAM	50	0	21.81	21.83	21.97	21.80	21.93		
10	64QAM

GSM850 Ant1	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	31.45	31.57	31.52	33.00	22.45	22.57	22.52	24.00
GPRS 1 Tx slot	31.43	31.51	31.47	33.00	22.43	22.51	22.47	24.00
GPRS 2 Tx slots	28.45	28.52	28.44	29.50	22.45	22.52	22.44	23.50
GPRS 3 Tx slots	26.71	26.80	26.77	27.50	22.45	22.54	22.51	23.24
GPRS 4 Tx slots	25.64	25.77	25.73	27.00	22.64	22.77	22.73	24.00
EDGE 1 Tx slot	26.13	26.21	26.11	27.50	17.13	17.21	17.11	18.50
EDGE 2 Tx slots	24.86	24.94	24.88	26.00	18.86	18.94	18.88	20.00
EDGE 3 Tx slots	22.83	22.97	22.84	24.00	18.57	18.71	18.58	19.74
EDGE 4 Tx slots	21.57	21.61	21.54	22.50	18.57	18.61	18.54	19.50

GSM1900 Ant1	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	23.90	23.95	23.87	24.90	14.90	14.95	14.87	15.90
GPRS 1 Tx slot	23.89	23.93	23.86	24.90	14.89	14.93	14.86	15.90
GPRS 2 Tx slots	20.85	20.94	20.87	21.50	14.85	14.94	14.87	15.50
GPRS 3 Tx slots	19.01	19.09	19.03	20.00	14.75	14.83	14.77	15.74
GPRS 4 Tx slots	17.81	17.97	17.89	18.90	14.81	14.97	14.89	15.90
EDGE 1 Tx slot	22.19	22.33	22.19	23.50	13.19	13.33	13.19	14.50
EDGE 2 Tx slots	20.94	21.03	20.99	21.90	14.94	15.03	14.99	15.90
EDGE 3 Tx slots	18.31	18.43	18.39	19.50	14.05	14.17	14.13	15.24
EDGE 4 Tx slots	16.99	17.09	16.99	18.00	13.99	14.09	13.99	15.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			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	14.37	14.41	14.40	15.00	15.13	15.20	15.10	16.20	21.68	21.72	21.67	23.00
3GPP Rel 99	RMC 12.2Kbps	14.39	14.43	14.41	15.00	15.14	15.25	15.19	16.20	21.71	21.74	21.69	23.00
3GPP Rel 6	HSDPA Subtest-1	13.18	13.11	13.40	14.00	14.24	13.94	14.03	15.20	20.47	20.63	20.68	22.00
3GPP Rel 6	HSDPA Subtest-2	13.37	13.37	13.32	14.00	13.96	14.11	14.08	15.20	20.47	20.56	20.47	22.00
3GPP Rel 6	HSDPA Subtest-3	12.71	12.81	12.58	13.50	13.49	13.55	13.43	14.70	20.05	20.28	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	12.62	12.75	12.90	13.50	13.72	13.63	13.42	14.70	20.25	20.11	20.13	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.30	13.34	13.23	14.00	14.13	14.18	14.13	15.20	20.74	20.75	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	12.97	13.27	13.20	14.00	14.01	14.13	14.18	15.20	20.47	20.59	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	12.63	12.72	12.82	13.50	13.55	13.44	13.47	14.70	20.01	20.04	20.02	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	12.80	12.87	12.78	13.50	13.56	13.75	13.62	14.70	20.07	20.22	20.25	21.50
3GPP Rel 6	HSUPA Subtest-1	13.19	13.40	13.27	14.00	14.21	14.28	14.12	15.20	20.46	20.73	20.48	22.00
3GPP Rel 6	HSUPA Subtest-2	11.26	11.24	11.19	12.00	12.04	12.19	12.06	13.20	18.64	18.63	18.67	20.00
3GPP Rel 6	HSUPA Subtest-3	12.27	12.23	12.42	13.00	13.26	13.00	12.87	14.20	19.60	19.62	19.60	21.00
3GPP Rel 6	HSUPA Subtest-4	11.19	11.10	11.17	12.00	11.95	12.23	12.07	13.20	18.47	18.56	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	13.23	13.35	13.15	14.00	14.24	14.13	14.04	15.20	20.70	20.65	20.71	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	10.63	10.76	10.72	11.50	11.58	11.48	11.46	12.70	18.14	18.18	17.98	19.50

Band 2 Ant1

BW [MHz]	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	13.47	13.54	13.41	14.7	0
20	QPSK	1	49	13.31	13.27	13.23		
20	QPSK	1	99	13.26	13.46	13.26		
20	QPSK	50	0	13.50	13.51	13.45		
20	QPSK	50	24	13.32	13.27	13.22	14.7	0
20	QPSK	50	50	13.33	13.41	13.27		
20	QPSK	100	0	13.44	13.46	13.46		
20	16QAM	1	0	13.27	13.33	13.22		
20	16QAM	1	49	13.36	13.41	13.25	14.7	0
20	16QAM	1	99	13.50	13.52	13.44		
20	16QAM	50	0	13.24	13.25	13.23		
20	16QAM	50	24	13.35	13.46	13.22	14.7	0
20	16QAM	50	50	13.40	13.44	13.36		
20	16QAM	100	0	13.23	13.34	13.20		
20	64QAM	1	0	13.28	13.39	13.26		
20	64QAM	1	49	13.44	13.44	13.44	14.7	0
20	64QAM	1	99	13.28	13.34	13.17		
20	64QAM	50	0	13.27	13.46	13.27		
20	64QAM	50	24	13.41	13.45	13.36	14.7	0
20	64QAM	50	50	13.24	13.30	13.23		
20	64QAM	100	0	13.26	13.47	13.28		
20	256QAM	1	0	13.49	13.45	13.38		
20	256QAM	1	49	13.29	13.27	13.24	14.7	0
20	256QAM	1	99	13.34	13.44	13.24		
20	256QAM	50	0	13.46	13.53	13.37		
20	256QAM	50	24	13.40	13.50	13.43	14.7	0
20	256QAM	50	50	13.34	13.28	13.22		
20	256QAM	100	0	13.27	13.46	13.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.29	13.48	13.30	14.7	0
15	QPSK	1	37	13.23	13.25	13.03		
15	QPSK	1	74	13.17	13.26	13.14		
15	QPSK	36	0	13.31	13.42	13.25		
15	QPSK	36	20	13.20	13.14	13.02	14.7	0
15	QPSK	36	39	13.19	13.30	13.06		
15	QPSK	75	0	13.24	13.39	13.27		
15	16QAM	1	0	13.15	13.22	13.08		
15	16QAM	1	37	13.28	13.34	13.04	14.7	0
15	16QAM	1	74	13.27	13.42	13.19		
15	16QAM	36	0	13.03	13.13	13.17		
15	16QAM	36	20	13.16	13.28	13.15	14.7	0
15	16QAM	36	39	13.35	13.30	13.16		
15	16QAM	75	0	13.18	13.16	13.01		
15	64QAM	1	0	13.22	13.33	13.06		
15	64QAM	1	37	13.35	13.28	13.33	14.7	0
15	64QAM	1	74	13.24	13.12	13.05		
15	64QAM	36	0	13.12	13.42	13.23		
15	64QAM	36	20	13.19	13.23	13.04	14.7	0
15	64QAM	36	39	13.12	13.24	13.03		
15	64QAM	75	0	13.17	13.45	13.26		
15	256QAM	1	0	13.33	13.39	13.35		
15	256QAM	1	37	13.19	13.09	13.19	14.7	0
15	256QAM	1	74	13.20	13.36	13.04		
15	256QAM	36	0	13.40	13.36	13.19		
15	256QAM	36	20	13.33	13.38	13.41	14.7	0
15	256QAM	36	39	13.21	13.17	13.06		
15	256QAM	75	0	13.23	13.24	13.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.28	13.44	13.27	14.7	0
10	QPSK	1	25	13.27	13.17	13.28		
10	QPSK	1	49	13.20	13.25	13.12		
10	QPSK	25	0	13.39	13.47	13.40		
10	QPSK	25	12	13.14	13.08	13.07	14.7	0
10	QPSK	25	25	13.18	13.26	13.18		
10	QPSK	50	0	13.36	13.38	13.34		
10	16QAM	1	0	13.15	13.14	13.04		
10	16QAM	1	25	13.34	13.34	13.22	14.7	0
10	16QAM	1	49	13.41	13.42	13.27		
10	16QAM	25	0	13.12	13.20	13.17		
10	16QAM	25	12	13.32	13.40	13.12	14.7	0
10	16QAM	25	25	13.34	13.32	13.16		
10	16QAM	50	0	13.02	13.28	13.08		
10	64QAM	1	0	13.07	13.17	13.23		
10	64QAM	1	25	13.33	13.27	13.23	14.7	0
10	64QAM	1	49	13.22	13.22	13.09		
10	64QAM	25	0	13.11	13.28	13.18		
10	64QAM	25	12	13.22	13.42	13.23	14.7	0
10	64QAM	25	25	13.19	13.22	13.09		
10	64QAM	50	0	13.19	13.35	13.13		
10	256QAM	1	0	13.36	13.42	13.34		
10	256QAM	1	25	13.12	13.09	13.19	14.7	0
10	256QAM	1	49	13.20	13.33	13.12		
10	256QAM	25	0	13.41	13.41	13.25		
10	256QAM	25	12	13.21	13.42	13.23	14.7	0
10	256QAM	25	25	13.29	13.23	13.11		
10	256QAM	50	0	13.22	13.41	13.09		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	13.32	13.45	13.23	14.7	0
5	QPSK	1	12	13.11	13.13	13.19		
5	QPSK	1	24	13.04	13.37	13.04		
5	QPSK	12	0	13.43	13.34	13.30		
5	QPSK	12	7	13.15	13.05	13.10	14.7	0
5	QPSK	12	13	13.29	13.29	13.25		
5	QPSK	25	0	13.35	13.42	13.37		
5	16QAM	1	0	13.05	13.14	13.05		
5	16QAM	1	12	13.26	13.26	13.26	14.7	0
5	16QAM	1	24	13.37	13.38	13.28		
5	16QAM	12	0	13.10	13.04	13.03		
5	16QAM	12	7	13.21	13.40	13.08	14.7	0
5	16QAM	12	13	13.15	13.05	13.10		
5	16QAM	25	0	13.07	13.14	13.18		
5	64QAM	1	0	13.06	13.34	13.16		
5	64QAM	1	12	13.41	13.40	13.31	14.7	0
5	64QAM	1	24	13.25	13.27	13.13		
5	64QAM	12	0	13.09	13.31	13.15		
5	64QAM	12	7	13.35	13.24	13.31	14.7	0
5	64QAM	12	13	13.13	13.13	13.07		
5	64QAM	25	0	13.14	13.26	13.18		
5	256QAM	1	0	13.44	13.30	13.24		
5	256QAM	1	12	13.18	13.13	13.05	14.7	0
5	256QAM	1	24	13.31	13.34	13.07		
5	256QAM	12	0	13.25	13.41	13.30		
5	256QAM	12	7	13.37	13.34	13.29	14.7	0
5	256QAM	12	13	13.28	13.25	13.07		
5	256QAM	25	0	13.25	13.33	13.12		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.37	13.42	13.36	14.7	0
3	QPSK	1	8	13.28	13.17	13.05		
3	QPSK	1	14	13.19	13.26	13.06		
3	QPSK	8	0	13.32	13.36	13.35		
3	QPSK	8	4	13.21	13.10	13.15	14.7	0
3	QPSK	8	7	13.19	13.25	13.18		
3	QPSK	15	0	13.33	13.31	13.36		
3	16QAM	1	0	13.15	13.28	13.05		
3	16QAM	1	8	13.33	13.25	13.21	14.7	0
3	16QAM	1	14	13.44	13.35	13.30		
3	16QAM	8	0	13.05	13.18	13.09		
3	16QAM	8	4	13.21	13.26	13.05	14.7	0
3	16QAM	8	7	13.29	13.23	13.24		
3	16QAM	15	0	13.08	13.24	13.16		
3	64QAM	1	0	13.12	13.27	13.12		
3	64QAM	1	8	13.29	13.31	13.30	14.7	0
3	64QAM	1	14	13.06	13.15	13.19		
3	64QAM	8	0	13.22	13.34	13.08		
3	64QAM	8	4	13.26	13.26	13.34	14.7	0
3	64QAM	8	7	13.12	13.24	13.17		
3	64QAM	15	0	13.19	13.36	13.09		
3	256QAM	1	0	13.28	13.41	13.36	14.7	0
3	256QAM	1	8	13.21	13.10	13.13		
3	256QAM	1	14	13.16	13.24	13.20		
3	256QAM	8	0	13.25	13.39	13.22	14.7	0
3	256QAM	8	4	13.31	13.46	13.40		
3	256QAM	8	7	13.15	13.25	13.17		
3	256QAM	15	0	13.25	13.35	13.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.40	13.46	13.35	14.7	0
1.4	QPSK	1	3	13.26	13.14	13.21		
1.4	QPSK	1	5	13.10	13.26	13.15		
1.4	QPSK	3	0	13.29	13.37	13.32		
1.4	QPSK	3	1	13.29	13.18	13.06		
1.4	QPSK	3	3	13.28	13.25	13.13		
1.4	QPSK	6	0	13.29	13.26	13.26		
1.4	16QAM	1	0	13.17	13.21	13.13	14.7	0
1.4	16QAM	1	3	13.26	13.26	13.18		
1.4	16QAM	1	5	13.34	13.41	13.30		
1.4	16QAM	3	0	13.12	13.12	13.07		
1.4	16QAM	3	1	13.22	13.31	13.01		
1.4	16QAM	3	3	13.35	13.27	13.15		
1.4	16QAM	6	0	13.05	13.18	13.15	14.7	0
1.4	64QAM	1	0	13.17	13.19	13.16	14.7	0
1.4	64QAM	1	3	13.24	13.28	13.39		
1.4	64QAM	1	5	13.20	13.41	13.29		
1.4	64QAM	3	0	13.23	13.26	13.16		
1.4	64QAM	3	1	13.19	13.42	13.24		
1.4	64QAM	3	3	13.21	13.16	13.05		
1.4	64QAM	6	0	13.14	13.30	13.10		
1.4	256QAM	1	0	13.43	13.37	13.22	14.7	0
1.4	256QAM	1	3	13.07	13.06	13.12		
1.4	256QAM	1	5	13.15	13.42	13.16		
1.4	256QAM	3	0	13.27	13.42	13.30		
1.4	256QAM	3	1	13.31	13.32	13.28		
1.4	256QAM	3	3	13.20	13.07	13.04		
1.4	256QAM	6	0	13.19	13.29	13.13		

Band 4 Ant1

BW [MHz]	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	15.34	15.58	15.43	16.9	0
20	QPSK	1	49	15.39	15.47	15.45		
20	QPSK	1	99	15.33	15.43	15.38		
20	QPSK	50	0	15.43	15.54	15.47		
20	QPSK	50	24	15.46	15.41	15.42	16.9	0
20	QPSK	50	50	15.35	15.40	15.40		
20	QPSK	100	0	15.40	15.51	15.43		
20	16QAM	1	0	15.46	15.52	15.36		
20	16QAM	1	49	15.37	15.42	15.38	16.9	0
20	16QAM	1	99	15.36	15.47	15.43		
20	16QAM	50	0	15.38	15.44	15.46		
20	16QAM	50	24	15.35	15.47	15.42	16.9	0
20	16QAM	50	50	15.36	15.50	15.42		
20	16QAM	100	0	15.40	15.45	15.44		
20	64QAM	1	0	15.33	15.44	15.37		
20	64QAM	1	49	15.41	15.54	15.42	16.9	0
20	64QAM	1	99	15.44	15.52	15.36		
20	64QAM	50	0	15.29	15.43	15.36		
20	64QAM	50	24	15.45	15.47	15.51	16.9	0
20	64QAM	50	50	15.41	15.44	15.40		
20	64QAM	100	0	15.33	15.45	15.43		
20	256QAM	1	0	15.38	15.51	15.50		
20	256QAM	1	49	15.45	15.47	15.40	16.9	0
20	256QAM	1	99	15.36	15.40	15.42		
20	256QAM	50	0	15.40	15.48	15.43		
20	256QAM	50	24	15.43	15.49	15.39	16.9	0
20	256QAM	50	50	15.40	15.46	15.38		
20	256QAM	100	0	15.35	15.46	15.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.30	15.52	15.22	16.9	0
15	QPSK	1	37	15.28	15.27	15.27		
15	QPSK	1	74	15.26	15.32	15.20		
15	QPSK	36	0	15.34	15.43	15.29		
15	QPSK	36	20	15.28	15.33	15.36	16.9	0
15	QPSK	36	39	15.19	15.22	15.26		
15	QPSK	75	0	15.34	15.41	15.34		
15	16QAM	1	0	15.41	15.41	15.27		
15	16QAM	1	37	15.32	15.33	15.19	16.9	0
15	16QAM	1	74	15.30	15.41	15.38		
15	16QAM	36	0	15.31	15.38	15.36		
15	16QAM	36	20	15.25	15.29	15.31	16.9	0
15	16QAM	36	39	15.22	15.40	15.39		
15	16QAM	75	0	15.37	15.25	15.35		
15	64QAM	1	0	15.22	15.27	15.35		
15	64QAM	1	37	15.21	15.32	15.36	16.9	0
15	64QAM	1	74	15.29	15.42	15.15		
15	64QAM	36	0	15.11	15.38	15.21		
15	64QAM	36	20	15.23	15.32	15.41	16.9	0
15	64QAM	36	39	15.21	15.29	15.20		
15	64QAM	75	0	15.31	15.24	15.36		
15	256QAM	1	0	15.29	15.36	15.30		
15	256QAM	1	37	15.42	15.27	15.31	16.9	0
15	256QAM	1	74	15.28	15.30	15.38		
15	256QAM	36	0	15.37	15.44	15.23		
15	256QAM	36	20	15.30	15.28	15.26	16.9	0
15	256QAM	36	39	15.31	15.34	15.24		
15	256QAM	75	0	15.14	15.31	15.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.17	15.35	15.27	16.9	0
10	QPSK	1	25	15.22	15.37	15.39		
10	QPSK	1	49	15.19	15.28	15.17		
10	QPSK	25	0	15.39	15.35	15.28		
10	QPSK	25	12	15.42	15.27	15.25	16.9	0
10	QPSK	25	25	15.21	15.25	15.38		
10	QPSK	50	0	15.23	15.49	15.31		
10	16QAM	1	0	15.35	15.32	15.23		
10	16QAM	1	25	15.19	15.36	15.17	16.9	0
10	16QAM	1	49	15.33	15.39	15.31		
10	16QAM	25	0	15.22	15.37	15.24		
10	16QAM	25	12	15.15	15.25	15.31	16.9	0
10	16QAM	25	25	15.29	15.39	15.34		
10	16QAM	50	0	15.19	15.30	15.30		
10	64QAM	1	0	15.24	15.32	15.17		
10	64QAM	1	25	15.38	15.51	15.23	16.9	0
10	64QAM	1	49	15.27	15.46	15.22		
10	64QAM	25	0	15.25	15.38	15.28		
10	64QAM	25	12	15.35	15.40	15.35	16.9	0
10	64QAM	25	25	15.38	15.41	15.25		
10	64QAM	50	0	15.12	15.25	15.33		
10	256QAM	1	0	15.19	15.37	15.32		
10	256QAM	1	25	15.33	15.30	15.27	16.9	0
10	256QAM	1	49	15.26	15.34	15.36		
10	256QAM	25	0	15.22	15.36	15.28		
10	256QAM	25	12	15.38	15.44	15.34	16.9	0
10	256QAM	25	25	15.25	15.40	15.27		
10	256QAM	50	0	15.15	15.38	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.32	15.53	15.31	16.9	0
5	QPSK	1	12	15.24	15.39	15.35		
5	QPSK	1	24	15.24	15.31	15.27		
5	QPSK	12	0	15.38	15.48	15.39		
5	QPSK	12	7	15.33	15.23	15.30	16.9	0
5	QPSK	12	13	15.21	15.23	15.36		
5	QPSK	25	0	15.25	15.32	15.28		
5	16QAM	1	0	15.44	15.33	15.21		
5	16QAM	1	12	15.26	15.26	15.22	16.9	0
5	16QAM	1	24	15.15	15.31	15.29		
5	16QAM	12	0	15.24	15.38	15.28		
5	16QAM	12	7	15.27	15.40	15.23	16.9	0
5	16QAM	12	13	15.24	15.46	15.21		
5	16QAM	25	0	15.22	15.33	15.29		
5	64QAM	1	0	15.24	15.32	15.22		
5	64QAM	1	12	15.24	15.43	15.31	16.9	0
5	64QAM	1	24	15.40	15.43	15.16		
5	64QAM	12	0	15.19	15.41	15.20		
5	64QAM	12	7	15.43	15.31	15.48	16.9	0
5	64QAM	12	13	15.23	15.22	15.29		
5	64QAM	25	0	15.29	15.34	15.34		
5	256QAM	1	0	15.31	15.32	15.28		
5	256QAM	1	12	15.30	15.34	15.29	16.9	0
5	256QAM	1	24	15.26	15.27	15.34		
5	256QAM	12	0	15.30	15.41	15.40		
5	256QAM	12	7	15.41	15.42	15.24	16.9	0
5	256QAM	12	13	15.21	15.29	15.20		
5	256QAM	25	0	15.27	15.28	15.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.25	15.39	15.21	16.9	0
3	QPSK	1	8	15.21	15.36	15.33		
3	QPSK	1	14	15.21	15.32	15.23		
3	QPSK	8	0	15.23	15.49	15.25		
3	QPSK	8	4	15.25	15.27	15.32	16.9	0
3	QPSK	8	7	15.21	15.29	15.19		
3	QPSK	15	0	15.26	15.45	15.33		
3	16QAM	1	0	15.42	15.34	15.31		
3	16QAM	1	8	15.28	15.26	15.25	16.9	0
3	16QAM	1	14	15.21	15.36	15.35		
3	16QAM	8	0	15.18	15.23	15.26		
3	16QAM	8	4	15.25	15.29	15.38	16.9	0
3	16QAM	8	7	15.15	15.37	15.33		
3	16QAM	15	0	15.27	15.28	15.24		
3	64QAM	1	0	15.22	15.37	15.25		
3	64QAM	1	8	15.21	15.43	15.38	16.9	0
3	64QAM	1	14	15.38	15.44	15.28		
3	64QAM	8	0	15.20	15.31	15.19		
3	64QAM	8	4	15.32	15.31	15.43	16.9	0
3	64QAM	8	7	15.21	15.26	15.37		
3	64QAM	15	0	15.27	15.23	15.23		
3	256QAM	1	0	15.35	15.39	15.48	16.9	0
3	256QAM	1	8	15.24	15.33	15.34		
3	256QAM	1	14	15.22	15.23	15.25		
3	256QAM	8	0	15.31	15.32	15.28	16.9	0
3	256QAM	8	4	15.39	15.32	15.36		
3	256QAM	8	7	15.30	15.33	15.29		
3	256QAM	15	0	15.14	15.25	15.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.25	15.50	15.35	16.9	0
1.4	QPSK	1	3	15.18	15.44	15.43		
1.4	QPSK	1	5	15.23	15.27	15.19		
1.4	QPSK	3	0	15.25	15.49	15.45		
1.4	QPSK	3	1	15.37	15.20	15.22		
1.4	QPSK	3	3	15.16	15.20	15.27		
1.4	QPSK	6	0	15.25	15.47	15.31		
1.4	16QAM	1	0	15.32	15.49	15.15	16.9	0
1.4	16QAM	1	3	15.22	15.37	15.17		
1.4	16QAM	1	5	15.15	15.28	15.25		
1.4	16QAM	3	0	15.29	15.40	15.25		
1.4	16QAM	3	1	15.24	15.45	15.36		
1.4	16QAM	3	3	15.15	15.41	15.28		
1.4	16QAM	6	0	15.30	15.31	15.39	16.9	0
1.4	64QAM	1	0	15.13	15.31	15.15	16.9	0
1.4	64QAM	1	3	15.28	15.32	15.21		
1.4	64QAM	1	5	15.25	15.39	15.30		
1.4	64QAM	3	0	15.10	15.21	15.16		
1.4	64QAM	3	1	15.23	15.39	15.37		
1.4	64QAM	3	3	15.36	15.25	15.38		
1.4	64QAM	6	0	15.11	15.41	15.34	16.9	0
1.4	256QAM	1	0	15.22	15.46	15.34	16.9	0
1.4	256QAM	1	3	15.37	15.41	15.36		
1.4	256QAM	1	5	15.24	15.32	15.33		
1.4	256QAM	3	0	15.37	15.37	15.29		
1.4	256QAM	3	1	15.35	15.37	15.21		
1.4	256QAM	3	3	15.38	15.35	15.29		
1.4	256QAM	6	0	15.25	15.41	15.29	16.9	0

Band 5 Ant1

BW [MHz]	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	21.79	21.83	21.76	22.8	0
10	QPSK	1	25	21.74	21.76	21.62		
10	QPSK	1	49	21.69	21.68	21.69		
10	QPSK	25	0	20.67	20.78	20.66		
10	QPSK	25	12	20.72	20.61	20.70	21.8	1
10	QPSK	25	25	20.62	20.57	20.59		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.83	20.81	20.83		
10	16QAM	1	25	20.76	20.81	20.75	21.8	1
10	16QAM	1	49	20

Band 12 Ant1

BW [MHz]	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	21.75	21.85	21.80		
10	QPSK	1	25	21.71	21.70	21.64	23	0
10	QPSK	1	49	21.56	21.61	21.66		
10	QPSK	25	0	20.76	20.83	20.78		
10	QPSK	25	12	20.81	20.79	20.68	22	1
10	QPSK	25	25	20.68	20.73	20.64		
10	QPSK	50	0	20.74	20.81	20.78		
10	16QAM	1	0	20.74	20.79	20.69		
10	16QAM	1	25	20.88	20.82	20.69	22	1
10	16QAM	1	49	20.89	20.75	20.73		
10	16QAM	25	0	19.98	19.92	19.89		
10	16QAM	25	12	19.80	20.00	19.97	21	2
10	16QAM	25	25	19.88	20.00	19.83		
10	16QAM	50	0	19.97	19.91	19.95		
10	64QAM	1	0	19.78	19.98	19.76		
10	64QAM	1	25	19.94	19.85	19.89	21	2
10	64QAM	1	49	19.82	19.89	19.78		
10	64QAM	25	0	18.95	18.93	19.02		
10	64QAM	25	12	19.01	18.94	18.89	20	3
10	64QAM	25	25	19.06	18.84	19.04		
10	64QAM	50	0	18.90	18.91	18.86		
10	256QAM	1	0	17.00	16.93	17.01		
10	256QAM	1	25	16.81	16.98	17.03	18	5
10	256QAM	1	49	16.85	16.99	16.83		
10	256QAM	25	0	16.80	16.85	16.73		
10	256QAM	25	12	16.96	16.88	16.73	18	5
10	256QAM	25	25	16.90	16.85	16.96		
10	256QAM	50	0	16.86	16.84	16.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.70	21.77	21.64	23	0
5	QPSK	1	12	21.60	21.75	21.62		
5	QPSK	1	24	21.65	21.69	21.48		
5	QPSK	12	0	20.56	20.77	20.63		
5	QPSK	12	7	20.63	20.72	20.60	22	1
5	QPSK	12	13	20.71	20.76	20.78		
5	QPSK	25	0	20.67	20.72	20.66		
5	16QAM	1	0	20.82	20.79	20.83		
5	16QAM	1	12	20.91	21.01	20.87	22	1
5	16QAM	1	24	20.79	20.80	20.89		
5	16QAM	12	0	19.75	19.79	19.72		
5	16QAM	12	7	19.73	19.78	19.79	21	2
5	16QAM	12	13	19.89	19.91	19.86		
5	16QAM	25	0	19.74	19.82	19.89		
5	64QAM	1	0	19.89	19.77	19.89		
5	64QAM	1	12	19.77	19.68	19.80	21	2
5	64QAM	1	24	19.83	19.69	19.94		
5	64QAM	12	0	18.95	18.83	18.70		
5	64QAM	12	7	18.70	18.84	18.70	20	3
5	64QAM	12	13	18.77	18.68	18.73		
5	64QAM	25	0	18.65	18.77	18.76		
5	256QAM	1	0	16.74	16.76	16.68		
5	256QAM	1	12	16.63	16.79	16.62	18	5
5	256QAM	1	24	16.78	16.77	16.82		
5	256QAM	12	0	16.82	16.72	16.79		
5	256QAM	12	7	16.70	16.70	16.67	18	5
5	256QAM	12	13	16.78	16.68	16.80		
5	256QAM	25	0	16.83	16.77	16.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.77	21.80	21.59	23	0
3	QPSK	1	8	21.59	21.72	21.54		
3	QPSK	1	14	21.71	21.69	21.49		
3	QPSK	8	0	20.59	20.76	20.69		
3	QPSK	8	4	20.66	20.68	20.60	22	1
3	QPSK	8	7	20.70	20.75	20.79		
3	QPSK	15	0	20.65	20.73	20.63		
3	16QAM	1	0	20.75	20.84	20.91		
3	16QAM	1	8	20.89	20.97	20.80	22	1
3	16QAM	1	14	20.77	20.82	20.86		
3	16QAM	8	0	19.75	19.82	19.80		
3	16QAM	8	4	19.69	19.74	19.81	21	2
3	16QAM	8	7	19.85	19.59	19.82		
3	16QAM	15	0	19.79	19.76	19.88		
3	64QAM	1	0	19.88	19.86	19.85		
3	64QAM	1	8	19.71	19.74	19.83	21	2
3	64QAM	1	14	19.84	19.78	19.92		
3	64QAM	8	0	18.93	18.75	18.72		
3	64QAM	8	4	18.66	18.86	18.77	20	3
3	64QAM	8	7	18.68	18.68	18.67		
3	64QAM	15	0	18.59	18.76	18.73		
3	256QAM	1	0	16.72	16.78	16.60		
3	256QAM	1	8	16.62	16.82	16.61	18	5
3	256QAM	1	14	16.78	16.83	16.85		
3	256QAM	8	0	16.80	16.70	16.82		
3	256QAM	8	4	16.64	16.76	16.62	18	5
3	256QAM	8	7	16.76	16.70	16.75		
3	256QAM	15	0	16.89	16.75	16.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.40	21.41	21.31	23	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	22	1
1.4	16QAM	1	0	20.59	20.75	20.62	22	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	21	2
1.4	64QAM	1	0	19.37	19.46	19.36	21	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.46	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	20	3
1.4	256QAM	1	0	16.52	16.49	16.41	18	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	18	5

Band 13 Ant1

BW [MHz]	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		22.37			
10	QPSK	1	25		22.19		24	0
10	QPSK	1	49		22.26			
10	QPSK	25	0		21.32			
10	QPSK	25	12		21.19		23	1
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.30			
10	16QAM	1	0		21.36			
10	16QAM	1	25		21.34		23	1
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.25			
10	16QAM	25	12		20.14		22	2
10	16QAM	25	25		20.21			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.24			
10	64QAM	1	25		20.14		22	2
10	64QAM	1	49		20.19			
10	64QAM	25	0		19.34			
10	64QAM	25	12		19.25		21	3
10	64QAM	25	25		19.31			
10	64QAM	50	0		19.33			
10	256QAM	1	0		17.31			
10	256QAM	1	25		17.39		19	5
10	256QAM	1	49		17.31			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.38		19	5
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.31	22.33	24	0
5	QPSK	1	12	22.12	22.09	22.12		
5	QPSK	1	24	22.13	22.21	22.21		
5	QPSK	12	0	21.27	21.28	21.25		
5	QPSK	12	7	21.09	21.14	21.16	23	1
5	QPSK	12	13	21.10	21.03	21.07		
5	QPSK	25	0	21.22	21.27	21.26		
5	16QAM	1	0	21.26	21.25	21.30		
5	16QAM	1	12	21.29	21.24	21.28	23	1
5	16QAM	1	24	21.33	21.31	21.31		
5	16QAM	12	0	20.14	20.19	20.17		
5	16QAM	12	7	20.03	20.03	20.10	22	2
5	16QAM	12	13	20.09	20.15	20.09		
5	16QAM	25	0	20.21	20.21	20.21		
5	64QAM	1	0	20.13	20.11	20.12		
5	64QAM	1	12	20.02	20.08	20.05	22	2
5	64QAM	1	24	20.12	20.13	20.12		
5	64QAM	12	0	19.27	19.28	19.24		
5	64QAM	12	7	19.15	19.14	19.20	21	3
5	64QAM	12	13	19.24	19.20	19.21		
5	64QAM	25	0	19.30	19.26	19.30		
5	256QAM	1	0	17.26	17.20	17.20		
5	256QAM	1	12	17.28	17.36	17.32	19	5
5	256QAM	1	24	17.19	17.21	17.20		
5	256QAM	12	0	17.26	17.28	17.25		
5	256QAM	12	7	17.32	17.29	17.33	19	5
5	256QAM	12	13	17.23	17.25	17.27		
5	256QAM	25	0	17.23	17.20	17.21		

Band 17 Ant1

BW [MHz]	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	21.75	21.81	21.77		
10	QPSK	1	25	21.58	21.78	21.73	23	0
10	QPSK	1	49	21.69	21.78	21.64		
10	QPSK	25	0	20.69	20.78	20.74		
10	QPSK	25	12	20.76	20.75	20.77	22	1
10	QPSK	25	25	20.73	20.74	20.65		
10	QPSK	50	0	20.70	20.75	20.57		
10	16QAM	1	0	20.61	20.68	20.75		
10	16QAM	1	25	20.63	20.64	20.71	22	1
10	16QAM	1	49	20.70	20.64	20.55		
10	16QAM	25	0	19.97	19.97	19.92		
10	16QAM	25	12	19.86	19.76	19.92	21	2
10	16QAM	25	25	19.99	19.82	19.95		
10	16QAM	50	0	19.94	19.85	19.72		
10	64QAM	1	0	19.85	19.78	19.87		
10	64QAM	1	25	19.83	19.71	19.89	21	2
10	64QAM	1	49	19.80	19.76	19.75		
10	64QAM	25	0	18.84	18.83	18.86		
10	64QAM	25	12	18.88	18.83	18.94	20	3
10	64QAM	25	25	18.72	18.80	18.71		
10	64QAM	50	0	18.79	18.81	18.80		
10	256QAM	1	0	16.93	16.83	16.85		
10	256QAM	1	25	16.92	16.72	16.72	18	5
10	256QAM	1	49	16.94	16.82	16.96		
10	256QAM	25	0	16.68	16.78	16.72		
10	256QAM	25	12	16.72	16.68	16.89	18	5
10	256QAM	25	25	16.84	16.75	16.74		
10	256QAM	50	0	16.66	16.69	16.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.72	21.74	21.62	23	0
5	QPSK	1	12	21.68	21.66	21.52		
5	QPSK	1	24	21.71	21.74	21.47		
5	QPSK	12	0	20.57	20.82	20.67		
5	QPSK	12	7	20.66	20.72	20.62	22	1
5	QPSK	12	13	20.67	20.77	20.75		
5	QPSK	25	0	20.59	20.81	20.66		
5	16QAM	1	0	20.83	20.85	20.86		
5	16QAM	1	12	20.93	20.98	20.82	22	1
5	16QAM	1	24	20.72	20.82	20.87		
5	16QAM	12	0	19.70	19.80	19.73		
5	16QAM	12	7	19.67	19.74	19.81	21	2
5	16QAM	12	13	19.90	19.63	19.79		
5	16QAM	25	0	19.75	19.75	19.82		
5	64QAM	1	0	19.91	19.84	19.86		
5	64QAM	1	12	19.80	19.72	19.80	21	2
5	64QAM	1	24	19.91	19.70	19.98		
5	64QAM	12	0	18.92	18.74	18.68		
5	64QAM	12	7	18.64	18.91	18.76	20	3
5	64QAM	12	13	18.71	18.68	18.72		
5	64QAM	25	0	18.60	18.80	18.79		
5	256QAM	1	0	16.73	16.76	16.59		
5	256QAM	1	12	16.61	16.82	16.64	18	5
5	256QAM	1	24	16.75	16.75	16.83		
5	256QAM	12	0	16.80	16.77	16.79		
5	256QAM	12	7	16.70	16.71	16.60	18	5
5	256QAM	12	13	16.71	16.68	16.71		
5	256QAM	25	0	16.87	16.80	16.67		

Band 25 Ant1

BW [MHz]	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	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	13.60	13.68	13.57		
20	QPSK	1	49	13.47	13.61	13.63	14.7	0
20	QPSK	1	99	13.48	13.41	13.44		
20	QPSK	50	0	13.62	13.65	13.63		
20	QPSK	50	24	13.39	13.59	13.64	14.7	0
20	QPSK	50	50	13.49	13.49	13.51		
20	QPSK	100	0	13.55	13.63	13.60		
20	16QAM	1	0	13.47	13.52	13.62		
20	16QAM	1	49	13.41	13.48	13.46	14.7	0
20	16QAM	1	99	13.64	13.66	13.60		
20	16QAM	50	0	13.45	13.56	13.57		
20	16QAM	50	24	13.43	13.50	13.46	14.7	0
20	16QAM	50	50	13.61	13.58	13.64		
20	16QAM	100	0	13.37	13.56	13.65		
20	64QAM	1	0	13.47	13.48	13.53		
20	64QAM	1	49	13.55	13.65	13.65	14.7	0
20	64QAM	1	99	13.38	13.51	13.58		
20	64QAM	50	0	13.48	13.42	13.45		
20	64QAM	50	24	13.56	13.58	13.60	14.7	0
20	64QAM	50	50	13.40	13.56	13.65		
20	64QAM	100	0	13.40	13.52	13.50		
20	256QAM	1	0	13.64	13.59	13.61		
20	256QAM	1	49	13.45	13.60	13.59	14.7	0
20	256QAM	1	99	13.37	13.43	13.51		
20	256QAM	50	0	13.65	13.60	13.57		
20	256QAM	50	24	13.61	13.65	13.58	14.7	0
20	256QAM	50	50	13.43	13.55	13.60		
20	256QAM	100	0	13.44	13.50	13.45		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	13.39	13.65	13.50		
15	QPSK	1	37	13.41	13.43	13.50	14.7	0
15	QPSK	1	74	13.32	13.32	13.24		
15	QPSK	36	0	13.44	13.47	13.50		
15	QPSK	36	20	13.21	13.46	13.58	14.7	0
15	QPSK	36	39	13.33	13.43	13.47		
15	QPSK	75	0	13.37	13.51	13.40		
15	16QAM	1	0	13.36	13.42	13.50		
15	16QAM	1	37	13.37	13.44	13.36	14.7	0
15	16QAM	1	74	13.50	13.48	13.53		
15	16QAM	36	0	13.35	13.52	13.41		
15	16QAM	36	20	13.32	13.32	13.33	14.7	0
15	16QAM	36	39	13.42	13.47	13.50		
15	16QAM	75	0	13.25	13.46	13.51		
15	64QAM	1	0	13.30	13.29	13.32		
15	64QAM	1	37	13.38	13.52	13.48	14.7	0
15	64QAM	1	74	13.19	13.41	13.48		
15	64QAM	36	0	13.33	13.26	13.33		
15	64QAM	36	20	13.46	13.52	13.55	14.7	0
15	64QAM	36	39	13.23	13.40	13.60		
15	64QAM	75	0	13.37	13.45	13.36		
15	256QAM	1	0	13.55	13.46	13.56		
15	256QAM	1	37	13.35	13.43	13.47	14.7	0
15	256QAM	1	74	13.28	13.41	13.48		
15	256QAM	36	0	13.61	13.56	13.42		
15	256QAM	36	20	13.57	13.60	13.37	14.7	0
15	256QAM	36	39	13.26	13.48	13.39		
15	256QAM	75	0	13.37	13.33	13.42		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	13.52	13.61	13.36		
10	QPSK	1	25	13.32	13.59	13.47	14.7	0
10	QPSK	1	49	13.34	13.36	13.23		
10	QPSK	25	0	13.59	13.58	13.59		
10	QPSK	25	12	13.33	13.51	13.60	14.7	0
10	QPSK	25	25	13.28	13.46	13.30		
10	QPSK	50	0	13.45	13.48	13.39		
10	16QAM	1	0	13.38	13.38	13.41		
10	16QAM	1	25	13.29	13.45	13.25	14.7	0
10	16QAM	1	49	13.43	13.56	13.41		
10	16QAM	25	0	13.24	13.35	13.39		
10	16QAM	25	12	13.29	13.32	13.38	14.7	0
10	16QAM	25	25	13.43	13.39	13.42		
10	16QAM	50	0	13.33	13.37	13.60		
10	64QAM	1	0	13.27	13.39	13.50		
10	64QAM	1	25	13.38	13.51	13.52	14.7	0
10	64QAM	1	49	13.34	13.31	13.53		
10	64QAM	25	0	13.30	13.21	13.42		
10	64QAM	25	12	13.34	13.36	13.47	14.7	0
10	64QAM	25	25	13.28	13.38	13.46		
10	64QAM	50	0	13.18	13.45	13.44		
10	256QAM	1	0	13.50	13.53	13.48		
10	256QAM	1	25	13.36	13.46	13.39	14.7	0
10	256QAM	1	49	13.28	13.39	13.46		
10	256QAM	25	0	13.45	13.55	13.47		
10	256QAM	25	12	13.40	13.53	13.56	14.7	0
10	256QAM	25	25	13.35	13.47	13.48		
10	256QAM	50	0	13.35	13.42	13.28		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	13.57	13.50	13.43		
5	QPSK	1	12	13.28	13.49	13.59	14.7	0
5	QPSK	1	24	13.28	13.24	13.26		
5	QPSK	12	0	13.55	13.57	13.53		
5	QPSK	12	7	13.28	13.55	13.62	14.7	0
5	QPSK	12	13	13.28	13.41	13.40		
5	QPSK	25	0	13.45	13.58	13.56		
5	16QAM	1	0	13.37	13.31	13.42		
5	16QAM	1	12	13.22	13.39	13.44	14.7	0
5	16QAM	1	24	13.61	13.46	13.41		
5	16QAM	12	0	13.27	13.48	13.52		
5	16QAM	12	7	13.31	13.41	13.27	14.7	0
5	16QAM	12	13	13.53	13.41	13.56		
5	16QAM	25	0	13.24	13.51	13.58		
5	64QAM	1	0	13.36	13.38	13.41		
5	64QAM	1	12	13.38	13.46	13.46	14.7	0
5	64QAM	1	24	13.31	13.35	13.50		
5	64QAM	12	0	13.29	13.28	13.25		
5	64QAM	12	7	13.51	13.47	13.50	14.7	0
5	64QAM	12	13	13.37	13.43	13.51		
5	64QAM	25	0	13.34	13.39	13.38		
5	256QAM	1	0	13.56	13.54	13.55		
5	256QAM	1	12	13.31	13.50	13.41	14.7	0
5	256QAM	1	24	13.23	13.25	13.38		
5	256QAM	12	0	13.47	13.51	13.46		
5	256QAM	12	7	13.42	13.62	13.49	14.7	0
5	256QAM	12	13	13.33	13.53	13.57		
5	256QAM	25	0	13.39	13.32	13.30		
Channel				26025	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	13.46	13.56	13.52		
3	QPSK	1	8	13.33	13.46	13.47	14.7	0
3	QPSK	1	14	13.42	13.21	13.23		
3	QPSK	8	0	13.55	13.55	13.51		
3	QPSK	8	4	13.35	13.42	13.44	14.7	0
3	QPSK	8	7	13.38	13.44	13.37		
3	QPSK	15	0	13.53	13.53	13.47		
3	16QAM	1	0	13.36	13.40	13.54		
3	16QAM	1	8	13.34	13.27	13.25	14.7	0
3	16QAM	1	14	13.56	13.55	13.49		
3	16QAM	8	0	13.27	13.46	13.49		
3	16QAM	8	4	13.36	13.47	13.37	14.7	0
3	16QAM	8	7	13.41	13.48	13.56		
3	16QAM	15	0	13.19	13.36	13.57		
3	64QAM	1	0	13.33	13.31	13.43		
3	64QAM	1	8	13.48	13.58	13.59	14.7	0
3	64QAM	1	14	13.17	13.35	13.54		
3	64QAM	8	0	13.34	13.37	13.41		
3	64QAM	8	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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.94	21.99	21.96	22.8	0
15	QPSK	1	37	21.93	21.84	21.98		
15	QPSK	1	74	21.73	21.83	21.81		
15	QPSK	36	0	20.88	20.95	20.73	21.8	1
15	QPSK	36	20	20.77	20.77	20.79		
15	QPSK	36	39	20.78	20.84	20.85		
15	QPSK	75	0	20.65	20.91	20.74		
15	16QAM	1	0	20.89	20.93	20.93	21.8	1
15	16QAM	1	37	21.03	20.82	20.95		
15	16QAM	1	74	21.01	20.86	20.95		
15	16QAM	36	0	19.97	19.94	20.06	20.8	2
15	16QAM	36	20	19.89	19.94	20.02		
15	16QAM	36	39	19.84	19.92	20.07		
15	16QAM	75	0	19.99	19.93	20.00		
15	64QAM	1	0	19.96	19.89	19.82	20.8	2
15	64QAM	1	37	19.78	19.94	20.00		
15	64QAM	1	74	19.88	20.01	19.92		
15	64QAM	36	0	18.84	18.96	18.99	19.8	3
15	64QAM	36	20	18.96	18.94	19.06		
15	64QAM	36	39	19.05	18.92	18.86		
15	64QAM	75	0	18.80	18.91	19.01		
15	256QAM	1	0	17.13	17.06	17.16	17.8	5
15	256QAM	1	37	17.05	16.97	17.16		
15	256QAM	1	74	16.97	17.08	17.10		
15	256QAM	36	0	17.11	17.01	17.05	17.8	5
15	256QAM	36	20	16.92	17.09	16.92		
15	256QAM	36	39	16.88	16.93	16.91		
15	256QAM	75	0	16.91	16.98	16.90		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.53	21.55	21.55	22.8	0
10	QPSK	1	25	21.59	21.37	21.40		
10	QPSK	1	49	21.56	21.46	21.37		
10	QPSK	25	0	20.53	20.70	20.69	21.8	1
10	QPSK	25	12	20.57	20.64	20.46		
10	QPSK	25	25	20.50	20.59	20.63		
10	QPSK	50	0	20.54	20.62	20.44		
10	16QAM	1	0	20.63	20.59	20.57	21.8	1
10	16QAM	1	25	20.70	20.47	20.73		
10	16QAM	1	49	20.61	20.57	20.61		
10	16QAM	25	0	19.65	19.58	19.59	20.8	2
10	16QAM	25	12	19.66	19.51	19.55		
10	16QAM	25	25	19.66	19.62	19.67		
10	16QAM	50	0	19.40	19.53	19.60		
10	64QAM	1	0	19.68	19.53	19.44	20.8	2
10	64QAM	1	25	19.66	19.49	19.47		
10	64QAM	1	49	19.64	19.50	19.63		
10	64QAM	25	0	18.57	18.54	18.65	19.8	3
10	64QAM	25	12	18.67	18.52	18.65		
10	64QAM	25	25	18.58	18.63	18.53		
10	64QAM	50	0	18.45	18.62	18.59		
10	256QAM	1	0	16.61	16.60	16.66	17.8	5
10	256QAM	1	25	16.67	16.58	16.49		
10	256QAM	1	49	16.53	16.47	16.56		
10	256QAM	25	0	16.52	16.52	16.46	17.8	5
10	256QAM	25	12	16.42	16.35	16.33		
10	256QAM	25	25	16.55	16.39	16.55		
10	256QAM	50	0	16.45	16.60	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.53	21.55	21.50	22.8	0
5	QPSK	1	12	21.56	21.39	21.42		
5	QPSK	1	24	21.50	21.47	21.30		
5	QPSK	12	0	20.54	20.69	20.61	21.8	1
5	QPSK	12	7	20.57	20.61	20.49		
5	QPSK	12	13	20.44	20.60	20.60		
5	QPSK	25	0	20.52	20.60	20.46		
5	16QAM	1	0	20.66	20.58	20.58	21.8	1
5	16QAM	1	12	20.67	20.52	20.70		
5	16QAM	1	24	20.66	20.58	20.70		
5	16QAM	12	0	19.64	19.56	19.56	20.8	2
5	16QAM	12	7	19.65	19.56	19.56		
5	16QAM	12	13	19.65	19.58	19.64		
5	16QAM	25	0	19.46	19.50	19.56		
5	64QAM	1	0	19.65	19.58	19.50	20.8	2
5	64QAM	1	12	19.64	19.49	19.45		
5	64QAM	1	24	19.73	19.50	19.64		
5	64QAM	12	0	18.63	18.60	18.62	19.8	3
5	64QAM	12	7	18.61	18.58	18.60		
5	64QAM	12	13	18.62	18.67	18.52		
5	64QAM	25	0	18.51	18.64	18.53		
5	256QAM	1	0	16.57	16.59	16.67	17.8	5
5	256QAM	1	12	16.73	16.62	16.53		
5	256QAM	1	24	16.53	16.50	16.56		
5	256QAM	12	0	16.55	16.51	16.46	17.8	5
5	256QAM	12	7	16.40	16.39	16.39		
5	256QAM	12	13	16.55	16.34	16.58		
5	256QAM	25	0	16.49	16.51	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.49	21.61	21.54	22.8	0
3	QPSK	1	8	21.57	21.35	21.46		
3	QPSK	1	14	21.55	21.46	21.37		
3	QPSK	8	0	20.50	20.66	20.68	21.8	1
3	QPSK	8	4	20.57	20.61	20.51		
3	QPSK	8	7	20.45	20.49	20.67		
3	QPSK	15	0	20.48	20.59	20.46		
3	16QAM	1	0	20.67	20.53	20.61	21.8	1
3	16QAM	1	8	20.64	20.52	20.67		
3	16QAM	1	14	20.61	20.52	20.68		
3	16QAM	8	0	19.62	19.57	19.55	20.8	2
3	16QAM	8	4	19.64	19.54	19.59		
3	16QAM	8	7	19.67	19.59	19.68		
3	16QAM	15	0	19.41	19.57	19.55		
3	64QAM	1	0	19.68	19.55	19.47	20.8	2
3	64QAM	1	8	19.66	19.51	19.47		
3	64QAM	1	14	19.72	19.49	19.59		
3	64QAM	8	0	18.60	18.54	18.62	19.8	3
3	64QAM	8	4	18.67	18.55	18.60		
3	64QAM	8	7	18.58	18.59	18.51		
3	64QAM	15	0	18.47	18.59	18.59		
3	256QAM	1	0	16.62	16.53	16.67	17.8	5
3	256QAM	1	8	16.71	16.60	16.48		
3	256QAM	1	14	16.51	16.46	16.49		
3	256QAM	8	0	16.56	16.50	16.40	17.8	5
3	256QAM	8	4	16.39	16.33	16.39		
3	256QAM	8	7	16.56	16.40	16.56		
3	256QAM	15	0	16.47	16.59	16.48		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.40	21.41	21.31	22.8	0
1.4	QPSK	1	3	21.30	21.28	21.14		
1.4	QPSK	1	5	21.28	21.38	21.23		
1.4	QPSK	3	0	21.40	21.38	21.36		
1.4	QPSK	3	1	21.23	21.26	21.22		
1.4	QPSK	3	3	21.31	21.42	21.17		
1.4	QPSK	6	0	20.14	20.41	20.20	21.8	1
1.4	16QAM	1	0	20.59	20.75	20.62	21.8	1
1.4	16QAM	1	3	20.62	20.71	20.66		
1.4	16QAM	1	5	20.67	20.76	20.79		
1.4	16QAM	3	0	20.66	20.79	20.60		
1.4	16QAM	3	1	20.80	20.80	20.80		
1.4	16QAM	3	3	20.78	20.73	20.80		
1.4	16QAM	6	0	20.74	20.76	20.80	20.8	2
1.4	64QAM	1	0	19.37	19.46	19.36	20.8	2
1.4	64QAM	1	3	19.50	19.41	19.49		
1.4	64QAM	1	5	19.34	19.45	19.45		
1.4	64QAM	3	0	19.44	19.49	19.34		
1.4	64QAM	3	1	19.61	19.38	19.44		
1.4	64QAM	3	3	19.32	19.46	19.43		
1.4	64QAM	6	0	18.34	18.36	18.21	19.8	3
1.4	256QAM	1	0	16.52	16.49	16.41	17.8	5
1.4	256QAM	1	3	16.55	16.51	16.34		
1.4	256QAM	1	5	16.49	16.35	16.34		
1.4	256QAM	3	0	16.34	16.39	16.36		
1.4	256QAM	3	1	16.29	16.21	16.30		
1.4	256QAM	3	3	16.46	16.46	16.35		
1.4	256QAM	6	0	16.29	16.26	16.31	17.8	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.58	15.72	15.67	16.9	0
20	QPSK	1	49	15.61	15.52	15.49		
20	QPSK	1	99	15.55	15.59	15.45		
20	QPSK	50	0	15.62	15.67	15.66	16.9	0
20	QPSK	50	24	15.63	15.47	15.50		
20	QPSK	50	50	15.61	15.58	15.37		
20	QPSK	100	0	15.58	15.62	15.60		
20	16QAM	1	0	15.68	15.42	15.46	16.9	0
20	16QAM	1	49	15.62	15.60	15.39		
20	16QAM	1	99	15.57	15.66	15.69		
20	16QAM	50	0	15.62	15.43	15.45	16.9	0
20	16QAM	50	24	15.64	15.54	15.40		
20	16QAM	50	50	15.63	15.71	15.68		
20	16QAM	100	0	15.59	15.47	15.56		
20	64QAM	1	0	15.65	15.57	15.38	16.9	0
20	64QAM	1	49	15.56	15.68	15.61		
20	64QAM	1	99	15.62	15.52	15.46		
20	64QAM	50	0	15.57	15.60	15.46	16.9	0
20	64QAM	50	24	15.66	15.59	15.69		
20	64QAM	50	50	15.60	15.52	15.50		
20	64QAM	100	0	15.64	15.53	15.41		
20	256QAM	1	0	15.63	15.58	15.40	16.9	0
20	256QAM	1	49	15.67	15.62	15.60		
20	256QAM	1	99	15.67	15.42	15.45		
20	256QAM	50	0	15.62	15.55	15.44	16.9	0
20	256QAM	50	24	15.59	15.59	15.63		
20	256QAM	50	50	15.65	15.45	15.45		
20	256QAM	100	0	15.59	15.54	15.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.43	15.59	15.49	16.9	0
15	QPSK	1	37	15.47	15.31	15.40		
15	QPSK	1	74	15.50	15.52	15.41		
15	QPSK	36	0	15.56	15.47	15.46	16.9	0
15	QPSK	36	20	15.44	15.39	15.30		
15	QPSK	36	39	15.39	15.42	15.18		
15	QPSK	75	0	15.36	15.58	15.50		
15	16QAM	1	0	15.64	15.27	15.42	16.9	0
15	16QAM	1	37	15.54	15.41	15.19		
15	16QAM	1	74	15.53	15.62	15.64		
15	16QAM	36	0	15.53	15.25	15.23	16.9	0
15	16QAM	36	20	15.55	15.45	15.36		
15	16QAM	36	39	15.46	15.58	15.48		
15	16QAM	75	0	15.43	15.42	15.50		
15	64QAM	1	0	15.62	15.36	15.36	16.9	0
15	64QAM	1	37	15.35	15.55	15.44		
15	64QAM	1	74	15.51	15.32	15.37		
15	64QAM	36	0	15.41	15.55	15.42	16.9	0
15	64QAM	36	20	15.55	15.42	15.65		
15	64QAM	36	39	15.55	15.39	15.40		
15	64QAM	75	0	15.52	15.40	15.21		
15	256QAM	1	0	15.41	15.38	15.35	16.9	0
15	256QAM	1	37	15.64	15.44	15.45		
15	256QAM	1	74	15.60	15.38	15.36		
15	256QAM	36	0	15.52	15.36	15.34	16.9	0
15	256QAM	36	20	15.55	15.44	15.54		
15	256QAM	36	39	15.61	15.36	15.40		
15	256QAM	75	0	15.48	15.41	15.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.51	15.57	15.45	16.9	0
10	QPSK	1	25	15.51	15.48	15.40		
10	QPSK	1	49	15.35	15.39	15.32		
10	QPSK	25	0	15.43	15.51	15.55	16.9	0
10	QPSK	25	12	15.47	15.41	15.36		
10	QPSK	25	25	15.40	15.49	15.17		
10	QPSK	50	0	15.51	15.59	15.49		
10	16QAM	1	0	15.62	15.24	15.44	16.9	0
10	16QAM	1	25	15.48	15.45	15.31		
10	16QAM	1	49	15.47	15.47	15.56		
10	16QAM	25	0	15.52	15.37	15.29	16.9	0
10	16QAM	25	12	15.47	15.51	15.35		
10	16QAM	25	25	15.50	15.60	15.61		
10	16QAM	50	0	15.53	15.33	15.41		
10	64QAM	1	0	15.52	15.39	15.35	16.9	0
10	64QAM	1	25	15.41	15.62	15.56		
10	64QAM	1	49	15.43	15.41	15.41		
10	64QAM	25	0	15.42	15.46	15.27	16.9	0
10	64QAM	25	12	15.60	15.43	15.56		
10	64QAM	25	25	15.44	15.45	15.42		
10	64QAM	50	0	15.51	15.51	15.38	16.9	0
10	256QAM	1	0	15.46	15.53	15.33		
10	256QAM	1	25	15.55	15.48	15.53		
10	256QAM	1	49	15.61	15.23	15.24	16.9	0
10	256QAM	25	0	15.41	15.49	15.30		
10	256QAM	25	12	15.48	15.53	15.45		
10	256QAM	25	25	15.47	15.30	15.25		
10	256QAM	50	0	15.52	15.52	15.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.37	15.51	15.56	16.9	0
5	QPSK	1	12	15.51	15.42	15.46		
5	QPSK	1	24	15.36	15.46	15.42		
5	QPSK	12	0	15.53	15.51	15.54	16.9	0
5	QPSK	12	7	15.54	15.41	15.33		
5	QPSK	12	13	15.49	15.45	15.27		
5	QPSK	25	0	15.39	15.42	15.39	16.9	0
5	16QAM	1	0	15.52	15.36	15.31		
5	16QAM	1	12	15.49	15.56	15.20		
5	16QAM	1	24	15.45	15.49	15.49	16.9	0
5	16QAM	12	0	15.44	15.35	15.26		
5	16QAM	12	7	15.60	15.50	15.23		
5	16QAM	12	13	15.57	15.48	15.52		
5	16QAM	25	0	15.49	15.27	15.35	16.9	0
5	64QAM	1	0	15.52	15.54	15.18		
5	64QAM	1	12	15.51	15.57	15.48		
5	64QAM	1	24	15.45	15.36	15.36	16.9	0
5	64QAM	12	0	15.54	15.39	15.29		
5	64QAM	12	7	15.62	15.39	15.52		
5	64QAM	12	13	15.57	15.33	15.34		
5	64QAM	25	0	15.44	15.42	15.28	16.9	0
5	256QAM	1	0	15.49	15.39	15.21		
5	256QAM	1	12	15.46	15.49	15.56		
5	256QAM	1	24	15.50	15.34	15.28	16.9	0
5	256QAM	12	0	15.43	15.52	15.35		
5	256QAM	12	7	15.51	15.46	15.42		
5	256QAM	12	13	15.55	15.31	15.39		
5	256QAM	25	0	15.51	15.38	15.39	16.9	0
Channel				131687	132322	132957	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.44	15.61	15.63	16.9	0
3	QPSK	1	8	15.55	15.47	15.38		
3	QPSK	1	14	15.39	15.53	15.35		
3	QPSK	8	0	15.59	15.63	15.49	16.9	0
3	QPSK	8	4	15.46	15.35	15.30		
3	QPSK	8	7	15.46	15.41	15.33		
3	QPSK	15	0	15.54	15.48	15.53		
3	16QAM	1	0	15.53	15.30	15.27	16.9	0
3	16QAM	1	8	15.58	15.51	15.17		
3	16QAM	1	14	15.48	15.57	15.59		
3	16QAM	8	0	15.43	15.33	15.32	16.9	0
3	16QAM	8	4	15.53	15.40	15.21		
3	16QAM	8	7	15.49	15.59	15.62		
3	16QAM	15	0	15.50	15.36	15.35	16.9	0
3	64QAM	1	0	15.61	15.35	15.23		
3	64QAM	1	8	15.37	15.61	15.58		
3	64QAM	1	14	15.49	15.36	15.33		
3	64QAM	8	0	15.36	15.50	15.36	16.9	0
3	64QAM	8	4	15.49	15.42	15.64		
3	64QAM	8	7	15.56	15.44	15.47		
3	64QAM	15	0	15.61	15.31	15.25	16.9	0
3	256QAM	1	0	15.51	15.39	15.25		
3	256QAM	1	8	15.56	15.57	15.43		
3	256QAM	1	14	15.63	15.27	15.41		
3	256QAM	8	0	15.44	15.45	15.32	16.9	0
3	256QAM	8	4	15.57	15.55	15.59		
3	256QAM	8	7	15.58	15.24	15.40		
3	256QAM	15	0	15.51	15.41	15.30	16.9	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.48	15.55	15.58	16.9	0
1.4	QPSK	1	3	15.40	15.41	15.42		
1.4	QPSK	1	5	15.39	15.54	15.34		
1.4	QPSK	3	0	15.47	15.50	15.61		
1.4	QPSK	3	1	15.56	15.30	15.38		
1.4	QPSK	3	3	15.47	15.49	15.18		
1.4	QPSK	6	0	15.37	15.56	15.50	16.9	0
1.4	16QAM	1	0	15.57	15.23	15.31	16.9	0
1.4	16QAM	1	3	15.52	15.44	15.19		
1.4	16QAM	1	5	15.40	15.60	15.57		
1.4	16QAM	3	0	15.48	15.35	15.33		
1.4	16QAM	3	1	15.59	15.45	15.33		
1.4	16QAM	3	3	15.57	15.53	15.56		
1.4	16QAM	6	0	15.42	15.42	15.40	16.9	0
1.4	64QAM	1	0	15.59	15.52	15.27	16.9	0
1.4	64QAM	1	3	15.36	15.46	15.50		
1.4	64QAM	1	5	15.54	15.47	15.34		
1.4	64QAM	3	0	15.35	15.40	15.44		
1.4	64QAM	3	1	15.52	15.56	15.52		
1.4	64QAM	3	3	15.45	15.49	15.44		
1.4	64QAM	6	0	15.54	15.42	15.34	16.9	0
1.4	256QAM	1	0	15.56	15.44	15.26	16.9	0
1.4	256QAM	1	3	15.54	15.48	15.58		
1.4	256QAM	1	5	15.46	15.33	15.33		
1.4	256QAM	3	0	15.59	15.37	15.30		
1.4	256QAM	3	1	15.44	15.50	15.58		
1.4	256QAM	3	3	15.58	15.32	15.32		
1.4	256QAM	6	0	15.50	15.37	15.25	16.9	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.03	22.11	21.97	23	0
20	QPSK	1	49	22.02	22.06	21.82		
20	QPSK	1	99	21.97	21.87	21.89		
20	QPSK	50	0	21.03	21.06	20.88	22	1
20	QPSK	50	24	20.96	20.92	20.93		
20	QPSK	50	50	20.95	20.86	20.90		
20	QPSK	100	0	20.92	21.01	20.94		
20	16QAM	1	0	21.09	20.98	21.03	22	1
20	16QAM	1	49	21.10	21.01	20.93		
20	16QAM	1	99	20.87	21.00	20.86		
20	16QAM	50	0	20.25	20.18	20.24	21	2
20	16QAM	50	24	20.09	20.16	20.11		
20	16QAM	50	50	20.08	20.09	20.19		
20	16QAM	100	0	20.20	20.10	20.05		
20	64QAM	1	0	20.08	20.09	20.11	21	2
20	64QAM	1	49	20.08	20.05	20.05		
20	64QAM	1	99	20.19	20.20	20.14		
20	64QAM	50	0	19.04	19.14	19.24	20	3
20	64QAM	50	24	19.17	19.18	19.05		
20	64QAM	50	50	19.27	19.24	19.08		
20	64QAM	100	0	19.28	19.18	19.06		
20	256QAM	1	0	17.20	17.13	17.01	18	5
20	256QAM	1	49	17.06	17.03	17.06		
20	256QAM	1	99	17.10	17.01	17.06		
20	256QAM	50	0	17.15	17.08	17.10	18	5
20	256QAM	50	24	17.01	17.06	17.05		
20	256QAM	50	50	17.20	17.00	17.21		
20	256QAM	100	0	16.94	17.01	17.13		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.95	21.99	21.94	23	0
15	QPSK	1	37	21.94	21.96	21.70		
15	QPSK	1	74	21.91	21.82	21.81		
15	QPSK	36	0	20.96	20.97	20.81	22	1
15	QPSK	36	20	20.87	20.81	20.89		
15	QPSK	36	39	20.86	20.81	20.79		
15	QPSK	75	0	20.88	20.95	20.91		
15	16QAM	1	0	21.02	20.89	20.95	22	1
15	16QAM	1	37	20.99	20.90	20.90		
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BW [MHz]	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	16.66	16.79	16.68	17.9	0
20	QPSK	1	49	16.53	16.52	16.71		
20	QPSK	1	99	16.74	16.68	16.64		
20	QPSK	50	0	16.66	16.76	16.72	17.9	0
20	QPSK	50	24	16.55	16.56	16.67		
20	QPSK	50	50	16.69	16.61	16.58		
20	QPSK	100	0	16.71	16.75	16.66		
20	16QAM	1	0	16.54	16.49	16.65	17.9	0
20	16QAM	1	49	16.75	16.65	16.67		
20	16QAM	1	99	16.62	16.71	16.68		
20	16QAM	50	0	16.51	16.55	16.70	17.9	0
20	16QAM	50	24	16.72	16.60	16.62		
20	16QAM	50	50	16.71	16.76	16.64		
20	16QAM	100	0	16.61	16.50	16.68		
20	64QAM	1	0	16.77	16.66	16.60	17.9	0
20	64QAM	1	49	16.70	16.78	16.74		
20	64QAM	1	99	16.61	16.56	16.65		
20	64QAM	50	0	16.66	16.58	16.57	17.9	0
20	64QAM	50	24	16.70	16.76	16.64		
20	64QAM	50	50	16.56	16.60	16.65		
20	64QAM	100	0	16.66	16.70	16.59		
20	256QAM	1	0	16.55	16.62	16.65	17.9	0
20	256QAM	1	49	16.60	16.62	16.57		
20	256QAM	1	99	16.64	16.73	16.74		
20	256QAM	50	0	16.64	16.59	16.56	17.9	0
20	256QAM	50	24	16.68	16.56	16.64		
20	256QAM	50	50	16.56	16.60	16.60		
20	256QAM	100	0	16.71	16.68	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.57	16.63	16.61	17.9	0
15	QPSK	1	37	16.43	16.37	16.50		
15	QPSK	1	74	16.62	16.57	16.50		
15	QPSK	36	0	16.53	16.61	16.66	17.9	0
15	QPSK	36	20	16.38	16.39	16.53		
15	QPSK	36	39	16.50	16.50	16.48		
15	QPSK	75	0	16.68	16.58	16.44		
15	16QAM	1	0	16.38	16.31	16.44	17.9	0
15	16QAM	1	37	16.66	16.54	16.65		
15	16QAM	1	74	16.53	16.68	16.54		
15	16QAM	36	0	16.47	16.38	16.66	17.9	0
15	16QAM	36	20	16.55	16.47	16.45		
15	16QAM	36	39	16.63	16.55	16.53		
15	16QAM	75	0	16.43	16.42	16.51		
15	64QAM	1	0	16.70	16.49	16.50	17.9	0
15	64QAM	1	37	16.53	16.63	16.56		
15	64QAM	1	74	16.42	16.41	16.49		
15	64QAM	36	0	16.59	16.52	16.46	17.9	0
15	64QAM	36	20	16.63	16.56	16.42		
15	64QAM	36	39	16.37	16.43	16.59		
15	64QAM	75	0	16.62	16.48	16.44		
15	256QAM	1	0	16.44	16.59	16.54	17.9	0
15	256QAM	1	37	16.53	16.57	16.37		
15	256QAM	1	74	16.59	16.51	16.53		
15	256QAM	36	0	16.52	16.42	16.43	17.9	0
15	256QAM	36	20	16.58	16.49	16.42		
15	256QAM	36	39	16.43	16.55	16.55		
15	256QAM	75	0	16.63	16.57	16.43		
Channel				37500	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.58	16.66	16.57	17.9	0
10	QPSK	1	25	16.38	16.39	16.54		
10	QPSK	1	49	16.53	16.62	16.50		
10	QPSK	25	0	16.60	16.61	16.53	17.9	0
10	QPSK	25	12	16.37	16.42	16.61		
10	QPSK	25	25	16.47	16.40	16.53		
10	QPSK	50	0	16.68	16.69	16.62		
10	16QAM	1	0	16.46	16.32	16.61	17.9	0
10	16QAM	1	25	16.57	16.49	16.48		
10	16QAM	1	49	16.41	16.49	16.57		
10	16QAM	25	0	16.36	16.42	16.51	17.9	0
10	16QAM	25	12	16.69	16.52	16.57		
10	16QAM	25	25	16.49	16.68	16.57		
10	16QAM	50	0	16.55	16.48	16.64		
10	64QAM	1	0	16.57	16.46	16.48	17.9	0
10	64QAM	1	25	16.60	16.64	16.63		
10	64QAM	1	49	16.47	16.53	16.61		
10	64QAM	25	0	16.60	16.51	16.54	17.9	0
10	64QAM	25	12	16.66	16.68	16.42		
10	64QAM	25	25	16.38	16.50	16.57		
10	64QAM	50	0	16.63	16.57	16.46		
10	256QAM	1	0	16.53	16.41	16.63	17.9	0
10	256QAM	1	25	16.39	16.58	16.50		
10	256QAM	1	49	16.50	16.68	16.62		
10	256QAM	25	0	16.56	16.38	16.48	17.9	0
10	256QAM	25	12	16.49	16.50	16.47		
10	256QAM	25	25	16.40	16.55	16.50		
10	256QAM	50	0	16.69	16.50	16.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	16.56	16.60	16.52	17.9	0
5	QPSK	1	12	16.37	16.36	16.66		
5	QPSK	1	24	16.54	16.57	16.51		
5	QPSK	12	0	16.63	16.69	16.62	17.9	0
5	QPSK	12	7	16.37	16.42	16.52		
5	QPSK	12	13	16.51	16.56	16.36		
5	QPSK	25	0	16.50	16.65	16.52		
5	16QAM	1	0	16.38	16.33	16.57	17.9	0
5	16QAM	1	12	16.70	16.57	16.47		
5	16QAM	1	24	16.58	16.68	16.46		
5	16QAM	12	0	16.47	16.41	16.65	17.9	0
5	16QAM	12	7	16.69	16.41	16.53		
5	16QAM	12	13	16.66	16.66	16.56		
5	16QAM	25	0	16.53	16.48	16.47		
5	64QAM	1	0	16.59	16.46	16.45	17.9	0
5	64QAM	1	12	16.56	16.72	16.55		
5	64QAM	1	24	16.48	16.36	16.61		
5	64QAM	12	0	16.48	16.46	16.36	17.9	0
5	64QAM	12	7	16.62	16.60	16.43		
5	64QAM	12	13	16.52	16.53	16.54		
5	64QAM	25	0	16.56	16.65	16.48		
5	256QAM	1	0	16.35	16.58	16.48	17.9	0
5	256QAM	1	12	16.52	16.45	16.53		
5	256QAM	1	24	16.58	16.67	16.66		
5	256QAM	12	0	16.45	16.37	16.49	17.9	0
5	256QAM	12	7	16.64	16.40	16.46		
5	256QAM	12	13	16.38	16.46	16.44		
5	256QAM	25	0	16.52	16.66	16.55		

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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	17.06	17.02	17.10	16.73	16.67	17.9	0
20	QPSK	1	49	17.02	16.96	16.91	16.74	16.78		
20	QPSK	1	99	17.03	16.88	17.02	16.83	16.98		
20	QPSK	50	0	17.02	17.01	17.09	16.80	16.65	17.9	0
20	QPSK	50	24	17.03	16.97	16.91	16.82	16.81		
20	QPSK	50	50	17.02	16.86	17.00	16.77	17.00		
20	QPSK	100	0	17.00	17.00	17.05	16.79	16.64		
20	16QAM	1	0	16.98	16.96	16.90	16.75	16.75	17.9	0
20	16QAM	1	49	16.99	16.86	16.91	16.83	16.93		
20	16QAM	1	99	17.09	17.01	17.06	16.76	16.61		
20	16QAM	50	0	16.97	16.89	16.86	16.76	16.84	17.9	0
20	16QAM	50	24	17.05	16.83	17.02	16.72	16.99		
20	16QAM	50	50	17.05	17.06	17.09	16.80	16.77		
20	16QAM	100	0	17.05	16.90	16.94	16.80	16.78		
20	64QAM	1	0	17.01	16.85	16.94	16.72	17.00	17.9	0
20	64QAM	1	49	17.02	16.97	17.08	16.79	16.63		
20	64QAM	1	99	17.00	16.94	16.88	16.81	16.75		
20	64QAM	50	0	17.00	16.89	17.03	16.72	16.92	17.9	0
20	64QAM	50	24	16.99	17.06	17.07	16.75	16.58		
20	64QAM	50	50	17.04	16.92	16.93	16.73	16.78		
20	64QAM	100	0	17.05	16.89	16.95	16.75	16.97		
20	256QAM	1	0	17.04	17.00	16.98	16.95	17.03	17.9	0
20	256QAM	1	49	17.09	16.97	17.05	17.09	16.91		
20	256QAM	1	99	16.93	16.81	16.90	16.86	17.03		
20	256QAM	50	0	17.05	16.91	16.96	16.84	17.02	17.9	0
20	256QAM	50	24	16.89	17.03	16.85	16.87	16.85		
20	256QAM	50	50	17.03	16.89	16.86	16.84	17.03		
20	256QAM	100	0	16.85	16.99	16.92	16.89	16.82		
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	16.99	16.88	16.91	16.62	16.61	18	0
15	QPSK	1	37	16.88	16.76	16.81	16.65	16.64		
15	QPSK	1	74	16.93	16.82	16.94	16.69	16.78		
15	QPSK	36	0	16.99	16.96	16.87	16.75	16.61	17.9	0
15	QPSK	36	20	16.83	16.91	16.84	16.73	16.78		
15	QPSK	36	39	16.93	16.65	16.83	16.74	16.87		
15	QPSK	75	0	16.87	16.83	16.91	16.75	16.42		
15	16QAM	1	0	16.92	16.92	16.80	16.61	16.67	17.9	0
15	16QAM	1	37	16.94	16.70	16.75	16.69	16.77		
15	16QAM	1	74	17.06	16.81	16.98	16.72	16.56		
15	16QAM	36	0	16.84	16.84	16.72	16.58	16.73	17.9	0
15	16QAM	36	20	16.99	16.72	16.92	16.63	16.96		
15	16QAM	36	39	16.90	16.94	16.99	16.60	16.64		
15	16QAM	75	0	16.92	16.73	16.84	16.62	16.65		
15	64QAM	1	0	16.91	16.83	16.73	16.56	16.81	17.9	0
15	64QAM	1	37	16.97	16.80	16.94	16.73	16.50		
15	64QAM	1	74	16.79	16.84	16.67	16.78	16.68		
15	64QAM	36	0	16.96	16.75	16.95	16.64	16.73	17.9	0
15	64QAM	36	20	16.82	16.86	16.94	16.59	16.50		
15	64QAM	36	39	16.99	16.90	16.72	16.68	16.60		
15	64QAM	75	0	16.90	16.72	16.80	16.72	16.83		
15	256QAM	1	0	16.83	16.93	16.87	16.73	17.01	17.9	0
15	256QAM	1	37	16.99	16.95	16.96	16.88	16.79		
15	256QAM	1	74	16.82	17.00	16.85	16.74	16.95		
15	256QAM	36	0	16.84	16.84	16.89	16.76	17.00	17.9	0
15	256QAM	36	20	16.69	16.85	16.70	16.68	16.72		
15	256QAM	36	39	16.91	16.70	16.78	16.75	16.94		
15	256QAM	75	0	16.64	16.97	16.74	16.84	16.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.89	16.88	16.95	16.57	16.65	18	0
10	QPSK	1	25	16.84	16.84	16.82	16.69	16.67		
10	QPSK	1	49	17.00	16.78	16.81	16.74	16.80		
10	QPSK	25	0	16.82	16.89	17.00	16.75	16.60	17.9	0
10	QPSK	25	12	16.88	16.84	16.86	16.61	16.65		
10	QPSK	25	25	16.84	16.71	16.83	16.65	16.86		
10	QPSK	50	0	16.78	16.86	16.98	16.68	16.76		
10	16QAM	1	0	16.80	16.93	16.68	16.58	16.61	17.9	0
10	16QAM	1	25	16.88	16.80	16.76	16.66	16.72		
10	16QAM	1	49	16.95	16.80	16.91	16.58	16.51		
10	16QAM	25	0	16.85	16.84	16.81	16.68	16.70	17.9	0
10	16QAM	25	12	16.89	16.61	16.96	16.66	16.80		
10	16QAM	25	25	16.91	16.93	17.04	16.73	16.59		
10	16QAM	50	0	16.99	16.74	16.86	16.66	16.66		
10	64QAM	1	0	16.81	16.80	16.77	16.68	16.90	17.9	0
10	64QAM	1	25	16.99	16.91	16.93	16.58	16.53		
10	64QAM	1	49	16.97	16.85	16.73	16.63	16.70		
10	64QAM	25	0	16.91	16.79	16.92	16.61	16.77	17.9	0
10	64QAM	25	12	16.91	16.87	16.86	16.66	16.51		
10	64QAM	25	25	16.85	16.86	16.87	16.58	16.57		
10	64QAM	50	0	16.91	16.68	16.83	16.70	16.93		
10	256QAM	1	0	17.00	16.92	16.77	16.78	16.86	17.9	0
10	256QAM	1	25	16.97	16.88	16.91	16.88	16.87		
10	256QAM	1	49	16.84	17.07	16.70	16.71	16.94		
10	256QAM	25	0	16.85	16.72	16.89	16.67	17.00	17.9	0
10	256QAM	25	12	16.83	16.98	16.66	16.84	16.76		
10	256QAM	25	25	16.88	16.84	16.66	16.66	16.96		
10	256QAM	50	0	16.76	16.97	16.84	16.74	16.78		
Channel				39775	40150	40525	41063	41650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.93	16.89	17.02	16.63	16.68	18	0
5	QPSK	1	12	16.85	16.89	16.72	16.71	16.62		
5	QPSK	1	24	17.00	16.67	16.85	16.65	16.77		
5	QPSK	12	0	16.99	16.95	16.90	16.63	16.49	17.9	0
5	QPSK	12	7	16.93	16.93	16.86	16.68	16.74		
5	QPSK	12	13	16.98	16.65	16.81	16.69	16.80		
5	QPSK	25	0	16.89	16.86	16.90	16.62	16.45		
5	16QAM	1	0	16.85	16.94	16.71	16.68	16.61	17.9	0
5	16QAM	1	12	16.78	16.68	16.83	16.64	16.75		
5	16QAM	1	24	16.94	16.90	16.86	16.73	16.49		
5	16QAM	12	0	16.89	16.75	16.80	16.62	16.66	17.9	0
5	16QAM	12	7	16.95	16.80	16.90	16.57	16.95		
5	16QAM	12	13	17.00	17.02	16.87	16.64	16.69		
5	16QAM	25	0	16.88	16.74	16.87	16.67	16.72		
5	64QAM	1	0	16.95	16.64	16.92	16.65	16.88	17.9	0
5	64QAM	1	12	16.88	16.92	16.92	16.76	16.56		
5	64QAM	1	24	16.96	16.74	16.83	16.69	16.54		
5	64QAM	12	0	16.97	16.82	16.84	16.56	16.85	17.9	0
5	64QAM	12	7	16.86	17.02	17.03	16.61	16.73		
5	64QAM	12	13	17.00	16.86	16.73	16.64	16.75		
5	64QAM	25	0	16.84	16.69	16.78	16.62	16.92		
5	256QAM	1	0	16.85	16.91	16.79	16.81	16.95	17.9	0
5	256QAM	1	12	16.88	16.86	16.87	16.91	16.71		
5	256QAM	1	24	16.75	17.00	16.86	16.80	16.97		
5	256QAM	12	0	16.89	16.82	16.81	16.78	16.82	17.9	0
5	256QAM	12	7	16.71	16.97	16.75	16.75	16.76		
5	256QAM	12	13	16.91	16.85	16.73	16.78	16.92		
5	256QAM	25	0	16.73	16.95	16.71	16.87	16.78		

Band 41 HPUE Ant1

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	18.45	18.50	18.55	18.27	18.08	19.5	0
20	QPSK	1	49	18.24	18.38	18.41	18.11	18.41		
20	QPSK	1	99	18.14	18.33	18.19	18.13	18.31		
20	QPSK	50	0	18.44	18.40	18.53	18.30	18.09	19.5	0
20	QPSK	50	24	18.21	18.38	18.40	18.12	18.38		
20	QPSK	50	50	18.17	18.35	18.22	18.07	18.33		
20	QPSK	100	0	18.51	18.45	18.52	18.32	18.05		
20	16QAM	1	0	18.21	18.32	18.36	18.09	18.41	19.5	0
20	16QAM	1	49	18.22	18.39	18.19	18.13	18.33		
20	16QAM	1	99	18.46	18.47	18.42	18.30	18.12		
20	16QAM	50	0	18.33	18.35	18.47	18.10	18.39	19.5	0
20	16QAM	50	24	18.22	18.39	18.27	18.04	18.39		
20	16QAM	50	50	18.51	18.46	18.52	18.27	18.08		
20	16QAM	100	0	18.29	18.35	18.36	18.14	18.39		
20	64QAM	1	0	18.18	18.38	18.21	18.06	18.39	19.5	0
20	64QAM	1	49	18.47	18.42	18.49	18.34	18.10		
20	64QAM	1	99	18.31	18.32	18.36	18.08	18.36		
20	64QAM	50	0	18.20	18.35	18.22	18.03	18.30	19.5	0
20	64QAM	50	24	18.48	18.40	18.44	18.35	18.12		
20	64QAM	50	50	18.22	18.35	18.35	18.13	18.38		
20	64QAM	100	0	18.12	18.41	18.26	18.05	18.38		
20	256QAM	1	0	18.43	18.46	18.25	18.04	18.05	19.5	0
20	256QAM	1	49	18.24	18.39	18.44	18.12	18.42		
20	256QAM	1	99	18.21	18.40	18.29	18.13	18.38		
20	256QAM	50	0	18.41	18.39	18.49	18.27	18.10	19.5	0
20	256QAM	50	24	18.44	18.40	18.43	18.35	18.02		
20	256QAM	50	50	18.25	18.41	18.45	18.10	18.35		
20	256QAM	100	0	18.19	18.35	18.27	18.12	18.31		
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	18.25	18.31	18.42	18.18	18.20	20	0
15	QPSK	1	37	18.18	18.25	18.37	18.07	18.23		
15	QPSK	1	74	17.94	18.13	18.08	17.95	18.28		
15	QPSK	36	0	18.35	18.19	18.47	18.15	18.18	19.5	0
15	QPSK	36	20	18.07	18.22	18.34	18.01	18.27		
15	QPSK	36	39	18.16	18.29	18.11	18.22	18.22		
15	QPSK	75	0	18.43	18.33	18.43	18.16	18.30		
15	16QAM	1	0	18.00	18.18	18.21	17.94	18.28	19.5	0
15	16QAM	1	37	18.13	18.36	18.04	18.02	18.31		
15	16QAM	1	74	18.29	18.26	18.27	18.23	17.92		
15	16QAM	36	0	18.14	18.16	18.30	18.24	18.29	19.5	0
15	16QAM	36	20	18.08	18.37	18.18	18.31	18.25		
15	16QAM	36	39	18.43	18.26	18.33	18.17	18.00		
15	16QAM	75	0	18.15	18.27	18.14	18.00	18.22		
15	64QAM	1	0	18.13	18.30	18.16	17.99	18.28	19.5	0
15	64QAM	1	37	18.31	18.33	18.45	18.25	17.95		
15	64QAM	1	74	18.28	18.16	18.32	18.03	18.26		
15	64QAM	36	0	18.11	18.16	18.07	18.00	18.11	19.5	0
15	64QAM	36	20	18.37	18.19	18.36	18.28	17.95		
15	64QAM	36	39	18.15	18.14	18.29	18.08	18.21		
15	64QAM	75	0	17.93	18.35	18.13	17.95	18.20		
15	256QAM	1	0	18.24	18.22	18.25	18.13	18.02	19.5	0
15	256QAM	1	37	18.22	18.25	18.36	18.02	18.27		
15	256QAM	1	74	18.14	18.23	18.17	18.07	18.35		
15	256QAM	36	0	18.32	18.25	18.29	18.07	18.07	19.5	0
15	256QAM	36	20	18.41	18.27	18.29	18.17	18.10		
15	256QAM	36	39	18.11	18.25	18.27	18.04	18.29		
15	256QAM	75	0	18.13	18.26	18.21	17.93	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.10	18.19	18.32	18.22	18.04	20	0
10	QPSK	1	25	18.14	18.06	18.25	18.13	18.04		
10	QPSK	1	49	18.21	18.07	18.16	18.15	18.25		
10	QPSK	25	0	18.32	18.16	18.32	18.02	18.07	19.5	0
10	QPSK	25	12	17.99	18.06	18.15	17.98	18.18		
10	QPSK	25	25	17.96	18.23	18.04	18.01	18.09		
10	QPSK	50	0	18.38	18.27	18.36	17.95	18.13		
10	16QAM	1	0	17.97	18.03	18.03	18.13	18.26	19.5	0
10	16QAM	1	25	18.10	18.22	17.84	17.97	18.16		
10	16QAM	1	49	18.21	18.20	18.13	18.14	17.86		
10	16QAM	25	0	18.12	18.09	18.16	18.09	18.20	19.5	0
10	16QAM	25	12	18.01	18.22	18.06	18.14	18.11		
10	16QAM	25	25	18.24	18.05	18.22	18.07	17.83		
10	16QAM	50	0	18.07	18.06	17.95	17.78	18.07		
10	64QAM

GSM1900 Ant2	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	29.42	29.51	29.40	30.50	20.42	20.51	20.40	21.50
GPRS 1 Tx slot	29.41	29.45	29.39	30.50	20.41	20.45	20.39	21.50
GPRS 2 Tx slots	26.45	26.48	26.36	27.50	20.45	20.48	20.36	21.50
GPRS 3 Tx slots	24.64	24.74	24.66	25.50	20.38	20.48	20.40	21.24
GPRS 4 Tx slots	23.44	23.48	23.37	24.50	20.44	20.48	20.37	21.50
EDGE 1 Tx slot	25.78	25.85	25.76	27.00	16.78	16.85	16.76	18.00
EDGE 2 Tx slots	24.44	24.58	24.51	25.50	18.44	18.58	18.51	19.50
EDGE 3 Tx slots	21.95	21.98	21.84	23.00	17.69	17.72	17.58	18.74
EDGE 4 Tx slots	20.53	20.66	20.61	21.50	17.53	17.66	17.61	18.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			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	19.54	19.56	19.56	20.80	20.66	20.63	20.60	21.80
3GPP Rel 99	RMC 12.2Kbps	19.61	19.64	19.55	20.80	20.62	20.73	20.61	21.80
3GPP Rel 6	HSDPA Subtest-1	18.45	18.69	18.35	19.80	19.48	19.78	19.49	20.80
3GPP Rel 6	HSDPA Subtest-2	18.52	18.56	18.37	19.80	19.59	19.64	19.48	20.80
3GPP Rel 6	HSDPA Subtest-3	17.88	18.07	17.90	19.30	19.01	19.13	19.01	20.30
3GPP Rel 6	HSDPA Subtest-4	17.93	18.08	18.01	19.30	19.05	19.25	19.03	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	18.48	18.57	18.37	19.80	19.49	19.66	19.53	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	18.54	18.49	18.56	19.80	19.58	19.60	19.66	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	17.96	17.98	17.98	19.30	19.00	19.05	19.16	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	18.05	17.99	17.92	19.30	19.15	19.13	18.93	20.30
3GPP Rel 6	HSUPA Subtest-1	18.48	18.52	18.39	19.80	19.64	19.64	19.46	20.80
3GPP Rel 6	HSUPA Subtest-2	16.53	16.59	16.39	17.80	17.66	17.70	17.50	18.80
3GPP Rel 6	HSUPA Subtest-3	17.55	17.51	17.53	18.80	18.67	18.54	18.58	19.80
3GPP Rel 6	HSUPA Subtest-4	16.49	16.65	16.33	17.80	17.55	17.64	17.51	18.80
3GPP Rel 6	HSUPA Subtest-5	18.50	18.63	18.57	19.80	19.55	19.74	19.62	20.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.05	16.13	15.78	17.30	17.10	17.21	16.92	18.30

Band 2 Ant2

BW [MHz]	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	21.16	20.92	22.1	0
20	QPSK	1	49	21.07	20.98	20.82		
20	QPSK	1	99	21.03	20.85	20.88		
20	QPSK	50	0	21.07	21.14	20.88		
20	QPSK	50	24	21.00	21.05	20.82	22.1	0
20	QPSK	50	50	21.05	20.86	20.91		
20	QPSK	100	0	21.03	21.16	20.95		
20	16QAM	1	0	21.07	21.03	20.93		
20	16QAM	1	49	21.03	20.99	20.83	22.1	0
20	16QAM	1	99	21.03	20.85	20.89		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	21.1	1
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89		
20	64QAM	1	49	21.00	20.92	21.00	21.1	1
20	64QAM	1	99	20.90	20.97	21.00		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	20.1	2
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	18.1	4
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	18.1	4
20	256QAM	50	50	17.80	17.71	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.80	21.02	20.72	22.1	0
15	QPSK	1	37	21.01	20.87	20.77		
15	QPSK	1	74	20.89	20.79	20.82		
15	QPSK	36	0	20.85	20.92	20.79		
15	QPSK	36	20	20.82	20.91	20.67	22.1	0
15	QPSK	36	39	20.67	20.84	20.85		
15	QPSK	75	0	20.85	20.95	20.76		
15	16QAM	1	0	21.04	20.94	20.89		
15	16QAM	1	37	20.90	20.79	20.76	22.1	0
15	16QAM	1	74	20.87	20.76	20.77		
15	16QAM	36	0	20.90	20.70	20.90		
15	16QAM	36	20	20.58	20.76	20.62	21.1	1
15	16QAM	36	39	20.68	20.81	20.77		
15	16QAM	75	0	20.82	20.77	20.73		
15	64QAM	1	0	20.88	20.85	20.73		
15	64QAM	1	37	20.79	20.76	20.79	21.1	1
15	64QAM	1	74	20.82	20.85	20.97		
15	64QAM	36	0	19.80	19.65	19.77		
15	64QAM	36	20	19.62	19.71	19.69	20.1	2
15	64QAM	36	39	19.75	19.77	19.56		
15	64QAM	75	0	19.58	19.70	19.76		
15	256QAM	1	0	17.76	17.74	17.54		
15	256QAM	1	37	17.71	17.72	17.62	18.1	4
15	256QAM	1	74	17.79	17.67	17.70		
15	256QAM	36	0	17.65	17.74	17.64		
15	256QAM	36	20	17.72	17.79	17.54	18.1	4
15	256QAM	36	39	17.75	17.53	17.59		
15	256QAM	75	0	17.69	17.70	17.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.06	20.73	22.1	0
10	QPSK	1	25	21.02	20.88	20.74		
10	QPSK	1	49	20.96	20.68	20.82		
10	QPSK	25	0	20.98	21.00	20.84		
10	QPSK	25	12	20.91	20.97	20.74	22.1	0
10	QPSK	25	25	21.01	20.76	20.86		
10	QPSK	50	0	20.92	21.08	20.73		
10	16QAM	1	0	20.93	20.98	20.88		
10	16QAM	1	25	20.95	20.86	20.80	22.1	0
10	16QAM	1	49	20.90	20.76	20.87		
10	16QAM	25	0	20.87	20.65	20.92		
10	16QAM	25	12	20.73	20.63	20.54	21.1	1
10	16QAM	25	25	20.69	20.79	20.66		
10	16QAM	50	0	20.75	20.75	20.81		
10	64QAM	1	0	20.96	20.90	20.80		
10	64QAM	1	25	20.96	20.80	20.81	21.1	1
10	64QAM	1	49	20.72	20.80	20.85		
10	64QAM	25	0	19.73	19.74	19.75		
10	64QAM	25	12	19.63	19.62	19.75	20.1	2
10	64QAM	25	25	19.68	19.73	19.57		
10	64QAM	50	0	19.73	19.70	19.91		
10	256QAM	1	0	17.81	17.78	17.66		
10	256QAM	1	25	17.79	17.62	17.68	18.1	4
10	256QAM	1	49	17.75	17.67	17.71		
10	256QAM	25	0	17.60	17.68	17.63		
10	256QAM	25	12	17.77	17.68	17.68	18.1	4
10	256QAM	25	25	17.73	17.58	17.55		
10	256QAM	50	0	17.64	17.65	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.87	21.06	20.77	22.1	0
5	QPSK	1	12	20.95	20.79	20.68		
5	QPSK	1	24	20.92	20.81	20.84		
5	QPSK	12	0	20.95	20.92	20.84		
5	QPSK	12	7	20.81	20.99	20.61	22.1	0
5	QPSK	12	13	21.00	20.82	20.76		
5	QPSK	25	0	20.96	20.90	20.86		
5	16QAM	1	0	20.88	20.97	20.86		
5	16QAM	1	12	20.90	20.94	20.63	22.1	0
5	16QAM	1	24	20.85	20.69	20.87		
5	16QAM	12	0	20.71	20.63	20.90		
5	16QAM	12	7	20.69	20.73	20.72	21.1	1
5	16QAM	12	13	20.65	20.78	20.63		
5	16QAM	25	0	20.68	20.79	20.80		
5	64QAM	1	0	20.87	20.82	20.74		
5	64QAM	1	12	20.95	20.87	20.93	21.1	1
5	64QAM	1	24	20.79	20.75	20.97		
5	64QAM	12	0	19.77	19.75	19.66		
5	64QAM	12	7	19.56	19.56	19.61	20.1	2
5	64QAM	12	13	19.66	19.69	19.61		
5	64QAM	25	0	19.55	19.68	19.77		
5	256QAM	1	0	17.76	17.65	17.62		
5	256QAM	1	12	17.70	17.71	17.53	18.1	4
5	256QAM	1	24	17.81	17.70	17.61		
5	256QAM	12	0	17.66	17.73	17.58		
5	256QAM	12	7	17.71	17.84	17.56	18.1	4
5	256QAM	12	13	17.68	17.61	17.62		
5	256QAM	25	0	17.57	17.68	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.88	21.11	20.71	22.1	0
3	QPSK	1	8	20.96	20.86	20.75		
3	QPSK	1	14	21.00	20.68	20.80		
3	QPSK	8	0	20.97	21.00	20.78		
3	QPSK	8	4	20.88	20.90	20.73	22.1	0
3	QPSK	8	7	20.86	20.69	20.73		
3	QPSK	15	0	20.82	20.95	20.91		
3	16QAM	1	0	21.03	20.99	20.90		
3	16QAM	1	8	20.97	20.80	20.63	22.1	0
3	16QAM	1	14	20.84	20.78	20.86		
3	16QAM	8	0	20.83	20.65	20.92		
3	16QAM	8	4	20.70	20.63	20.71	21.1	1
3	16QAM	8	7	20.60	20.77	20.73		
3	16QAM	15	0	20.79	20.73	20.86		
3	64QAM	1	0	20.96	20.85	20.74		
3	64QAM	1	8	20.94	20.80	20.93	21.1	1
3	64QAM	1	14	20.87	20.85	20.85		
3	64QAM	8	0	19.88	19.77	19.66		
3	64QAM	8	4	19.60	19.62	19.67	20.1	2
3	64QAM	8	7	19.65	19.85	19.63		
3	64QAM	15	0	19.62	19.70	19.74		
3	256QAM	1	0	17.78	17.71	17.55		
3	256QAM	1	8	17.74	17.67	17.73	18.1	4
3	256QAM	1	14	17.73	17.72	17.67		
3	256QAM	8	0	17.72	17.60	17.72		
3	256QAM	8	4	17.81	17.86	17.58	18.1	4
3	256QAM	8	7	17.63	17.64	17.62		
3	256QAM	15	0	17.62	17.70	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.95	21.05	20.79	22.1	0
1.4	QPSK	1	3	20.90	20.92	20.61		
1.4	QPSK	1	5	20.95	20.79	20.77		
1.4	QPSK	3	0	20.96	20.97	20.67		
1.4	QPSK	3	1	20.94	20.94	20.65		
1.4	QPSK	3	3	20.90	20.80	20.84		
1.4	QPSK	6	0	20.93	20.93	20.86	22.1	0
1.4	16QAM	1	0	21.03	20.84	20.72	22.1	0
1.4	16QAM	1	3	21.01	20.82	20.74		
1.4	16QAM	1	5	20.91	20.67	20.74		
1.4	16QAM	3	0	20.84	20.65	20.87		
1.4	16QAM	3	1	20.69	20.71	20.68		
1.4	16QAM	3	3	20.69	20.66	20.73		
1.4	16QAM	6	0	20.84	20.80	20.87	21.1	1
1.4	64QAM	1	0	20.87	20.84	20.82	21.1	1
1.4	64QAM	1	3	20.85	20.76	20.92		
1.4	64QAM	1	5	20.71	20.84	20.84		
1.4	64QAM	3	0	19.75	19.76	19.65		
1.4	64QAM	3	1	19.62	19.59	19.66		
1.4	64QAM	3	3	19.71	19.86	19.68		
1.4	64QAM	6	0	19.74	19.67	19.89	20.1	2
1.4	256QAM	1	0	17.77	17.72	17.60	18.1	4
1.4	256QAM	1	3	17.67	17.74	17.66		
1.4	256QAM	1	5	17.83	17.86	17.61		
1.4	256QAM	3	0	17.72	17.78	17.73		
1.4	256QAM	3	1	17.76	17.82	17.63		
1.4	256QAM	3	3	17.76	17.50	17.56		
1.4	256QAM	6	0	17.75	17.72	17.84	18.1	4

Band 4 Ant2

BW [MHz]	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	21.23	21.36	21.21	22.3	0
20	QPSK	1	49	21.25	21.27	21.10		
20	QPSK	1	99	21.27	21.15	21.04		
20	QPSK	50	0	21.31	21.32	21.22		
20	QPSK	50	24	21.25	21.18	21.14	22.3	0
20	QPSK	50	50	21.18	21.24	21.02		
20	QPSK	100	0	21.21	21.29	21.24		
20	16QAM	1	0	21.24	21.18	21.11		
20	16QAM	1	49	21.25	21.16	21.02	22.3	0
20	16QAM	1	99	21.24	21.27	21.18		
20	16QAM	50	0	21.25	21.25	21.07		
20	16QAM	50	24	21.23	21.19	21.05	22.3	0
20	16QAM	50	50	21.23	21.22	21.21		
20	16QAM	100	0	21.18	21.20	21.10		
20	64QAM	1	0	21.23	21.25	21.01		
20	64QAM	1	49	21.22	21.31	21.15	22.3	0
20	64QAM	1	99	21.25	21.23	21.09		
20	64QAM	50	0	20.70	20.72	20.50		
20	64QAM	50	24	20.76	20.73	20.65	21.8	0.5
20	64QAM	50	50	20.75	20.77	20.58		
20	64QAM	100	0	20.77	20.69	20.50		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19.8	2.5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19.8	2.5
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.17	21.25	21.12	22.3	0
15	QPSK	1	37	21.22	21.15	20.97		
15	QPSK	1	74	21.19	21.01	20.86		
15	QPSK	36	0	21.21	21.23	21.13		
15	QPSK	36	20	21.06	21.13	21.11	22.3	0
15	QPSK	36	39	21.11	21.10	20.96		
15	QPSK	75	0	21.17	21.24	21.15		
15	16QAM	1	0	21.16	21.12	21.05		
15	16QAM	1	37	21.15	20.99	20.81	22.3	0
15	16QAM	1	74	21.17	21.16	21.08		
15	16QAM	36	0	21.15	21.09	20.88		
15	16QAM	36	20	21.05	21.13	20.96	22.3	0
15	16QAM	36	39	21.14	21.16	21.11		
15	16QAM	75	0	21.17	21.17	21.01		
15	64QAM	1	0	21.03	21.05	20.84		
15	64QAM	1	37	21.11	21.18	21.00	22.3	0
15	64QAM	1	74	21.07	21.02	20.89		
15	64QAM	36	0	20.65	20.68	20.30		
15	64QAM	36	20	20.71	20.61	20.54	21.8	0.5
15	64QAM	36	39	20.58	20.71	20.56		
15	64QAM	75	0	20.68	20.51	20.39		
15	256QAM	1	0	18.15	18.16	18.20		
15	256QAM	1	37	17.99	18.08	18.00	19.8	2.5
15	256QAM	1	74	18.08	17.88	18.08		
15	256QAM	36	0	18.05	18.07	17.91		
15	256QAM	36	20	17.82	18.01	17.98	19.8	2.5
15	256QAM	36	39	17.94	17.95	17.90		
15	256QAM	75	0	17.89	17.96	18.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.19	21.28	21.08	22.3	0
10	QPSK	1	25	21.12	21.22	21.01		
10	QPSK	1	49	21.14	20.97	20.83		
10	QPSK	25	0	21.13	21.13	21.07		
10	QPSK	25	12	21.14	21.04	20.98	22.3	0
10	QPSK	25	25	20.97	21.03	20.91		
10	QPSK	50	0	21.15	21.16	21.14		
10	16QAM	1	0	21.14	20.96	21.09		
10	16QAM	1	25	21.19	21.00	20.82	22.3	0
10	16QAM	1	49	21.10	21.10	21.13		
10	16QAM	25	0	21.12	21.16	20.86		
10	16QAM	25	12	21.20	21.12	20.89	22.3	0
10	16QAM	25	25	21.16	21.19	21.04		
10	16QAM	50	0	20.97	21.06	20.90		
10	64QAM	1	0	21.16	21.20	20.83		
10	64QAM	1	25	21.02	21.20	20.95	22.3	0
10	64QAM	1	49	21.10	21.17	21.03		
10	64QAM	25	0	20.49	20.59	20.38		
10	64QAM	25	12	20.64	20.57	20.58	21.8	0.5
10	64QAM	25	25	20.56	20.56	20.44		
10	64QAM	50	0	20.55	20.50	20.37		
10	256QAM	1	0	18.14	18.03	18.19		
10	256QAM	1	25	17.94	18.12	17.99	19.8	2.5
10	256QAM	1	49	18.22	18.00	18.18		
10	256QAM	25	0	18.01	17.95	17.95		
10	256QAM	25	12	17.80	17.92	17.87	19.8	2.5
10	256QAM	25	25	17.96	17.94	17.89		
10	256QAM	50	0	17.89	17.95	18.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.02	21.24	21.06	22.3	0
5	QPSK	1	12	21.08	21.18	21.02		
5	QPSK	1	24	21.25	21.07	20.95		
5	QPSK	12	0	21.24	21.23	21.18		
5	QPSK	12	7	21.13	21.12	20.98	22.3	0
5	QPSK	12	13	21.07	21.19	20.92		
5	QPSK	25	0	21.19	21.25	21.16		
5	16QAM	1	0	21.13	21.14	21.05		
5	16QAM	1	12	21.16	20.97	20.87	22.3	0
5	16QAM	1	24	21.20	21.11	21.12		
5	16QAM	12	0	21.05	21.20	20.97		
5	16QAM	12	7	21.05	21.16	20.88	22.3	0
5	16QAM	12	13	21.15	21.07	21.18		
5	16QAM	25	0	21.09	21.18	21.02		
5	64QAM	1	0	21.20	21.10	20.89		
5	64QAM	1	12	21.19	21.21	20.95	22.3	0
5	64QAM	1	24	21.06	21.04	21.06		
5	64QAM	12	0	20.55	20.66	20.37		
5	64QAM	12	7	20.58	20.59	20.50	21.8	0.5
5	64QAM	12	13	20.59	20.60	20.50		
5	64QAM	25	0	20.69	20.62	20.35		
5	256QAM	1	0	18.11	18.10	18.11		
5	256QAM	1	12	18.01	18.04	18.08	19.8	2.5
5	256QAM	1	24	18.22	18.03	18.02		
5	256QAM	12	0	18.11	17.91	17.81		
5	256QAM	12	7	17.94	17.95	17.97	19.8	2.5
5	256QAM	12	13	18.07	17.96	18.00		
5	256QAM	25	0	17.87	17.96	18.06		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.11	21.18	21.08	22.3	0
3	QPSK	1	8	21.21	21.10	21.01		
3	QPSK	1	14	21.06	21.07	21.02		
3	QPSK	8	0	21.20	21.28	21.07		
3	QPSK	8	4	21.16	21.11	20.94	22.3	0
3	QPSK	8	7	21.15	21.14	20.94		
3	QPSK	15	0	21.00	21.24	21.17		
3	16QAM	1	0	21.07	21.01	21.06		
3	16QAM	1	8	21.17	20.99	20.92	22.3	0
3	16QAM	1	14	21.05	21.06	20.99		
3	16QAM	8	0	21.22	21.15	21.04		
3	16QAM	8	4	21.03	21.07	20.90	22.3	0
3	16QAM	8	7	21.14	21.10	21.15		
3	16QAM	15	0	21.11	21.00	20.90		
3	64QAM	1	0	21.17	21.04	20.85		
3	64QAM	1	8	21.17	21.20	21.01	22.3	0
3	64QAM	1	14	21.05	21.17	20.93		
3	64QAM	8	0	20.60	20.60	20.46		
3	64QAM	8	4	20.54	20.66	20.53	21.8	0.5
3	64QAM	8	7	20.69	20.58	20.56		
3	64QAM	15	0	20.68	20.57	20.30		
3	256QAM	1	0	18.07	18.04	18.18		
3	256QAM	1	8	17.95	17.95	18.17	19.8	2.5
3	256QAM	1	14	18.20	18.05	18.17		
3	256QAM	8	0	17.98	18.06	17.98		
3	256QAM	8	4	17.95	17.86	17.86	19.8	2.5
3	256QAM	8	7	17.91	17.88	17.99		
3	256QAM	15	0	17.78	17.98	18.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.07	21.31	21.14	22.3	0
1.4	QPSK	1	3	21.13	21.10	20.90		
1.4	QPSK	1	5	21.08	20.94	21.00		
1.4	QPSK	3	0	21.10	21.17	21.16		
1.4	QPSK	3	1	21.19	21.15	21.01		
1.4	QPSK	3	3	21.06	21.14	20.83		
1.4	QPSK	6	0	21.02	21.22	21.02	22.3	0
1.4	16QAM	1	0	21.19	21.06	21.04	22.3	0
1.4	16QAM	1	3	21.06	21.01	20.87		
1.4	16QAM	1	5	21.03	21.06	21.01		
1.4	16QAM	3	0	21.05	21.19	21.02		
1.4	16QAM	3	1	21.07	21.09	20.91		
1.4	16QAM	3	3	21.01	21.17	21.03		
1.4	16QAM	6	0	20.97	21.08	20.98	22.3	0
1.4	64QAM	1	0	21.10	21.19	20.86	22.3	0
1.4	64QAM	1	3	21.08	21.26	21.01		
1.4	64QAM	1	5	21.19	21.03	21.00		
1.4	64QAM	3	0	21.05	21.18	20.78		
1.4	64QAM	3	1	21.16	21.09	20.93		
1.4	64QAM	3	3	21.17	21.08	20.99		
1.4	64QAM	6	0	20.60	20.60	20.41	21.8	0.5
1.4	256QAM	1	0	18.05	18.10	18.13	19.8	2.5
1.4	256QAM	1	3	17.93	18.03	18.12		
1.4	256QAM	1	5	18.09	17.97	18.01		
1.4	256QAM	3	0	18.15	17.88	17.95		
1.4	256QAM	3	1	17.80	17.94	18.00		
1.4	256QAM	3	3	18.06	17.99	18.00		
1.4	256QAM	6	0	17.96	17.99	18.18	19.8	2.5

Band 7 Ant2

BW [MHz]	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	21.21	21.32	21.23	22	0
20	QPSK	1	49	21.13	21.18	21.29		
20	QPSK	1	99	21.08	21.17	21.14		
20	QPSK	50	0	21.14	21.30	21.04		
20	QPSK	50	24	21.06	21.24	21.18	22	0
20	QPSK	50	50	21.00	21.16	21.00		
20	QPSK	100	0	21.12	21.27	21.07		
20	16QAM	1	0	21.17	21.21	21.09		
20

Band 25 Ant2

BW [MHz]	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	21.11	21.21	20.92	22.1	0
20	QPSK	1	49	20.93	21.10	20.78		
20	QPSK	1	99	21.02	20.98	20.85		
20	QPSK	50	0	21.14	21.16	20.95		
20	QPSK	50	24	21.04	21.13	20.78	22.1	0
20	QPSK	50	50	21.12	21.03	20.83		
20	QPSK	100	0	21.12	21.15	21.01		
20	16QAM	1	0	21.06	21.02	20.93	22.1	0
20	16QAM	1	49	21.04	21.14	20.82		
20	16QAM	1	99	21.11	21.02	20.86		
20	16QAM	50	0	21.02	20.91	20.98		
20	16QAM	50	24	20.87	20.80	20.84	22.1	0
20	16QAM	50	50	21.02	20.87	20.95		
20	16QAM	100	0	20.89	20.88	20.88		
20	64QAM	1	0	20.94	21.04	20.95	22.1	0
20	64QAM	1	49	20.91	21.13	21.11		
20	64QAM	1	99	21.03	20.92	20.99		
20	64QAM	50	0	20.00	19.91	19.88	21.1	1
20	64QAM	50	24	19.85	19.88	19.81		
20	64QAM	50	50	20.03	20.04	19.82		
20	64QAM	100	0	19.88	19.89	19.84		
20	256QAM	1	0	17.99	17.93	17.83	19.1	3
20	256QAM	1	49	17.90	17.98	18.03		
20	256QAM	1	99	17.92	17.92	17.94		
20	256QAM	50	0	17.93	17.88	17.92	19.1	3
20	256QAM	50	24	17.95	17.90	18.00		
20	256QAM	50	50	17.84	18.00	17.75		
20	256QAM	100	0	17.89	17.89	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.99	20.99	20.84	22.1	0
15	QPSK	1	37	20.79	20.95	20.74		
15	QPSK	1	74	21.02	20.80	20.69		
15	QPSK	36	0	21.09	21.00	20.89	22.1	0
15	QPSK	36	20	20.89	20.93	20.70		
15	QPSK	36	39	21.07	20.84	20.74		
15	QPSK	75	0	20.93	20.96	20.89		
15	16QAM	1	0	21.00	20.84	20.89	22.1	0
15	16QAM	1	37	20.89	21.10	20.76		
15	16QAM	1	74	20.97	20.95	20.74		
15	16QAM	36	0	20.92	20.82	20.78	22.1	0
15	16QAM	36	20	20.81	20.72	20.70		
15	16QAM	36	39	20.82	20.77	20.76		
15	16QAM	75	0	20.73	20.81	20.79		
15	64QAM	1	0	20.88	20.82	20.83	22.1	0
15	64QAM	1	37	20.87	21.08	21.05		
15	64QAM	1	74	20.86	20.84	20.79		
15	64QAM	36	0	19.79	19.78	19.82	21.1	1
15	64QAM	36	20	19.68	19.70	19.74		
15	64QAM	36	39	20.01	19.88	19.64		
15	64QAM	75	0	19.77	19.76	19.75		
15	256QAM	1	0	17.89	17.84	17.79	19.1	3
15	256QAM	1	37	17.77	17.83	17.97		
15	256QAM	1	74	17.72	17.86	17.86		
15	256QAM	36	0	17.86	17.84	17.77	19.1	3
15	256QAM	36	20	17.91	17.77	17.91		
15	256QAM	36	39	17.75	17.90	17.57		
15	256QAM	75	0	17.85	17.69	17.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.00	21.17	20.97	22.1	0
10	QPSK	1	25	20.85	21.04	20.95		
10	QPSK	1	49	20.99	20.97	20.86		
10	QPSK	25	0	21.05	21.04	20.79	22.1	0
10	QPSK	25	12	20.89	21.09	20.75		
10	QPSK	25	25	21.09	20.98	20.80		
10	QPSK	50	0	21.06	20.95	20.82		
10	16QAM	1	0	20.88	20.89	20.80	22.1	0
10	16QAM	1	25	20.83	21.01	20.67		
10	16QAM	1	49	21.06	20.98	20.76		
10	16QAM	25	0	20.82	20.73	20.92	22.1	0
10	16QAM	25	12	20.77	20.69	20.76		
10	16QAM	25	25	20.82	20.73	20.82		
10	16QAM	50	0	20.83	20.85	20.72		
10	64QAM	1	0	20.88	20.87	20.85	22.1	0
10	64QAM	1	25	20.83	21.11	21.09		
10	64QAM	1	49	20.91	20.74	20.84		
10	64QAM	25	0	19.97	19.80	19.78	21.1	1
10	64QAM	25	12	19.81	19.79	19.77		
10	64QAM	25	25	19.93	19.91	19.69		
10	64QAM	50	0	19.86	19.84	19.67		
10	256QAM	1	0	17.78	17.78	17.80	19.1	3
10	256QAM	1	25	17.86	17.95	17.91		
10	256QAM	1	49	17.80	17.71	17.87		
10	256QAM	25	0	17.84	17.75	17.83	19.1	3
10	256QAM	25	12	17.92	17.71	17.87		
10	256QAM	25	25	17.75	17.94	17.71		
10	256QAM	50	0	17.75	17.77	17.87		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.91	21.13	20.75	22.1	0
5	QPSK	1	12	20.85	20.99	20.66		
5	QPSK	1	24	21.02	20.92	20.81		
5	QPSK	12	0	21.08	21.04	20.92	22.1	0
5	QPSK	12	7	20.90	21.02	20.73		
5	QPSK	12	13	21.09	20.95	20.67		
5	QPSK	25	0	21.06	21.01	20.93		
5	16QAM	1	0	20.89	20.97	20.90	22.1	0
5	16QAM	1	12	20.82	21.08	20.72		
5	16QAM	1	24	20.97	20.93	20.67		
5	16QAM	12	0	20.93	20.85	20.93	22.1	0
5	16QAM	12	7	20.76	20.72	20.81		
5	16QAM	12	13	20.90	20.80	20.79		
5	16QAM	25	0	20.84	20.69	20.69		
5	64QAM	1	0	20.91	21.01	20.82	22.1	0
5	64QAM	1	12	20.85	21.01	20.92		
5	64QAM	1	24	20.96	20.80	20.81		
5	64QAM	12	0	19.88	19.79	19.69	21.1	1
5	64QAM	12	7	19.67	19.70	19.63		
5	64QAM	12	13	19.98	19.88	19.73		
5	64QAM	25	0	19.83	19.85	19.67		
5	256QAM	1	0	17.84	17.73	17.78	19.1	3
5	256QAM	1	12	17.72	17.94	17.99		
5	256QAM	1	24	17.73	17.74	17.85		
5	256QAM	12	0	17.84	17.68	17.73	19.1	3
5	256QAM	12	7	17.92	17.70	17.81		
5	256QAM	12	13	17.65	17.88	17.57		
5	256QAM	25	0	17.76	17.84	17.93		
Channel				26055	26340	26875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.93	21.07	20.76	22.1	0
3	QPSK	1	8	20.90	21.07	20.63		
3	QPSK	1	14	21.08	20.93	20.66		
3	QPSK	8	0	21.11	20.98	20.89	22.1	0
3	QPSK	8	4	20.93	20.97	20.64		
3	QPSK	8	7	21.06	20.94	20.70		
3	QPSK	15	0	21.03	20.95	20.81		
3	16QAM	1	0	20.97	20.99	20.89	22.1	0
3	16QAM	1	8	20.87	21.01	20.72		
3	16QAM	1	14	20.96	20.91	20.73		
3	16QAM	8	0	20.84	20.86	20.93	22.1	0
3	16QAM	8	4	20.68	20.73	20.79		
3	16QAM	8	7	20.98	20.68	20.86		
3	16QAM	15	0	20.77	20.73	20.68		
3	64QAM	1	0	20.82	20.95	20.81	22.1	0
3	64QAM	1	8	20.89	20.94	21.05		
3	64QAM	1	14	20.95	20.80	20.88		
3	64QAM	8	0	19.88	19.83	19.79	21.1	1
3	64QAM	8	4	19.80	19.82	19.77		
3	64QAM	8	7	19.99	20.01	19.73		
3	64QAM	15	0	19.77	19.78	19.64		
3	256QAM	1	0	17.93	17.77	17.65	19.1	3
3	256QAM	1	8	17.81	17.95	17.91		
3	256QAM	1	14	17.71	17.70	17.79		
3	256QAM	8	0	17.89	17.78	17.86	19.1	3
3	256QAM	8	4	17.80	17.84	17.93		
3	256QAM	8	7	17.67	17.96	17.55		
3	256QAM	15	0	17.76	17.80	17.78		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.02	21.05	20.86	22.1	0
1.4	QPSK	1	3	20.83	20.92	20.62		
1.4	QPSK	1	5	21.10	20.79	20.76		
1.4	QPSK	3	0	20.95	21.03	20.89		
1.4	QPSK	3	1	20.91	21.09	20.68		
1.4	QPSK	3	3	21.09	20.92	20.75		
1.4	QPSK	6	0	21.03	21.13	20.96	22.1	0
1.4	16QAM	1	0	20.87	21.00	20.80	22.1	0
1.4	16QAM	1	3	20.86	21.09	20.79		
1.4	16QAM	1	5	21.03	20.89	20.73		
1.4	16QAM	3	0	20.95	20.73	20.77		
1.4	16QAM	3	1	20.68	20.64	20.81		
1.4	16QAM	3	3	20.91	20.84	20.76		
1.4	16QAM	6	0	20.84	20.80	20.67	22.1	0
1.4	64QAM	1	0	20.84	21.01	20.87	22.1	0
1.4	64QAM	1	3	20.76	20.96	21.04		
1.4	64QAM	1	5	20.97	20.87	20.85		
1.4	64QAM	3	0	20.92	21.04	20.84		
1.4	64QAM	3	1	20.75	20.95	20.65		
1.4	64QAM	3	3	20.93	20.93	20.69		
1.4	64QAM	6	0	19.82	19.71	19.75	21.1	1
1.4	256QAM	1	0	17.87	17.81	17.63	19.1	3
1.4	256QAM	1	3	17.74	17.86	17.91		
1.4	256QAM	1	5	17.77	17.75	17.90		
1.4	256QAM	3	0	17.86	17.70	17.77		
1.4	256QAM	3	1	17.81	17.70	17.87		
1.4	256QAM	3	3	17.78	17.84	17.59		
1.4	256QAM	6	0	17.78	17.67	17.91	19.1	3

Band 66 Ant2

BW [MHz]	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	21.27	21.46	21.22	22.3	0
20	QPSK	1	49	21.20	21.20	21.34		
20	QPSK	1	99	21.33	21.40	21.26		
20	QPSK	50	0	21.27	21.41	21.38		
20	QPSK	50	24	21.13	21.22	21.27	22.3	0
20	QPSK	50	50	21.28	21.30	21.31		
20	QPSK	100	0	21.21	21.36	21.24		
20	16QAM	1	0	21.09	21.17	21.11	22.3	0
20	16QAM	1	49	21.04	21.06	21.25		
20	16QAM	1	99	21.28	21.33	21.17		
20	16QAM	50	0	21.19	21.16	21.04		
20	16QAM	50	24	21.11	21.03	21.21	22.3	0
20	16QAM	50	50	21.28	21.42	21.26		
20	16QAM	100	0	21.19	21.22	21.12		
20	64QAM	1	0	21.04	20.96	21.21	22.3	0
20	64QAM	1	49	21.27	21.32	21.25		
20	64QAM	1	99	21.20	21.19	21.05		
20	64QAM	50	0	21.02	21.07	21.17	21.8	0.5
20	64QAM	50	24	21.21	21.31	21.20		
20	64QAM	50	50	21.17	21.17	21.10		
20	64QAM	100	0	21.04	20.98	21.20		
20	256QAM	1	0	18.22	18.09	18.04	19.8	2.5
20	256QAM	1	49	18.18	18.00	18.04		
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84	19.8	2.5
20	256QAM	50	24	17.85	17.88	17.81		
20	256QAM	50	50	17.78	17.97	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.12	21.33	21.15	22.3	0
15	QPSK	1	37	21.01	21.14	21.19		
15	QPSK	1	74	21.20	21.27	21.04		
15	QPSK	36	0	21.18	21.39	21.31	22.3	0
15	QPSK	36	20	20.97	21.03	21.17		
15	QPSK	36	39	21.06	21.15	21.13		
15	QPSK	75	0	21.10	21.14	21.22		
15	16QAM	1	0	20.91	21.01	20.90	22.3	0
15	16QAM	1	37	20.94	20.97	21.19		
15	16QAM	1	74	21.08	21.30	21.13		
15	16QAM	36	0	21.05	20.99	20.93	22.3	0
15	16QAM	36	20	21.06	20.99	21.17		
15	16QAM	36	39	21.13	21.28	21.07		
15	16QAM	75	0	21.05	21.04	20.97		
15	64QAM	1	0	20.93	20.89	21.18	22.3	0
15	64QAM	1	37	21.15	21.28	21.11		
15	64QAM	1	74	21.16	21.01	20.85		
15	64QAM	36	0	20.99	20.92	21.03	21.8	0.5
15	64QAM	36	20	21.05	21.26	21.14		
15	64QAM	36	39	21.00	21.05	20.92		
15	64QAM	75	0	20.97	20.91	21.06		
15	256QAM	1	0	18.14	17.98	17.83	19.8	2.5
15	256QAM	1	37	18.13	17.91	17.90		
15	256QAM	1	74	18.04	18.02	17.91		
15	256QAM	36	0	17.79	17.84	17.81	19.8	2.5
15	256QAM	36	20	17.78	17.84	17.65		
15	256QAM	36	39	17.72	17.86	17.81		
15	256QAM	75	0	17.91	17.75	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.22	21.32	21.06	22.3	0
10	QPSK	1	25	21.09	21.03	21.31		
10	QPSK	1	49	21.20	21.30	21.17		
10	QPSK	25	0	21.09	21.28	21.21	22.3	0
10	QPSK	25	12	21.09	21.17	21.11		
10	QPSK	25	25	21.08	21.26	21.29		
10	QPSK	50	0	21.19	21.16	21.09		
10	16QAM	1	0	21.06	21.09	20.98	22.3	0
10	16QAM	1	25	20.82	20.93	21.05		
10	16QAM	1	49	21.08	21.14	21.01		
10	16QAM	25	0	21.09	21.12	21.00	22.3	0
10	16QAM	25	12	20.93	20.93	21.16		
10	16QAM	25	25	21.18	21.29	21.12		
10	16QAM	50	0	21.14	21.10	20.95		
10	64QAM	1	0	20.92	20.77	21.14	22.3	0
10	64QAM	1	25	21.10	21.13	21.08		
10	64QAM	1	49	21.17	21.01	20.85		
10	64QAM	25	0	20.97	21.02	21.02	21.8	0.5
10	64QAM	25	12	21.11	21.27	21.12		
10	64QAM	25	25	21.02	20.97	21.01		
10	64QAM	50	0	20.89	20.83	21.17		
10	256QAM	1	0	18.11	17.98	17.86	19.8	2.5
10	256QAM	1	25	18.02	17.81	17.92		
10	256QAM	1	49	18.09	18.01	18.01		
10	256QAM	25	0	17.84	17.81	17.75	19.8	2.5
10	256QAM	25	12	17.64	17.79	17.74		
10	256QAM	25	25	17.75	17.87	17.72		
10	256QAM	50	0	17.87	17.74	17.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.06	21.27	21.19	22.3	0
5	QPSK	1	12	21.01	21.09	21.14		
5	QPSK	1	24	21.26	21.24	21.10		
5	QPSK	12	0	21.14	21.33	21.29	22.3	0
5	QPSK	12	7	20.96	21.16	21.13		
5	QPSK	12	13	21.11	21.13	21.15		
5	QPSK	25	0	21.17	21.31	21.08		
5	16QAM	1	0	21.01	21.09	20.91	22.3	0
5	16QAM	1	12	20.97	20.90	21.21		
5	16QAM	1	24	21.26	21.26	21.04		
5	16QAM	12	0	21.07	21.13	21.14	22.3	0
5	16QAM	12	7	21.01	21.00	21.10		
5	16QAM	12	13	21.13	21.39	21.19		
5	16QAM	25	0	21.02	21.02	21.06		
5	64QAM	1	0	20.92	20.87	21.19	22.3	0
5	64QAM	1	12	21.07	21.16	21.19		
5	64QAM	1	24	21.11	21.05	21.03		
5	64QAM	12	0	20.81	21.04	20.99	21.8	0.5
5	64QAM	12	7	21.18	21.20	21.06		
5	64QAM	12	13	21.04	20.99	20.90		
5	64QAM	25	0	20.90	20.82	21.17		
5	256QAM	1	0	18.06	18.01	17.83	19.8	2.5
5	256QAM	1	12	18.08	17.82	17.97		
5	256QAM	1	24	18.06	18.12	17.87		
5	256QAM	12	0	17.77	17.81	17.75	19.8	2.5
5	256QAM	12	7	17.73	17.76	17.68		
5	256QAM	12	13	17.72	17.85	17.86		
5	256QAM	25	0	17.91	17.75	17.85		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.14	21.27	21.04	22.3	0
3	QPSK	1	8	21.13	21.00	21.26		
3	QPSK	1	14	21.26	21.23	21.05		
3	QPSK	8	0	21.07	21.21	21.19	22.3	0
3	QPSK	8	4	20.91	21.09	21.18		
3	QPSK	8	7	21.15	21.17	21.26		
3	QPSK	15	0	21.03	21.17	21.06		
3	16QAM	1	0	20.97	21.11	20.98	22.3	0
3	16QAM	1	8	20.85	20.91	21.14		
3	16QAM	1	14	21.10	21.22	21.00		
3	16QAM	8	0	21.00	21.08	20.88	22.3	0
3	16QAM	8	4	20.89	20.95	21.17		
3	16QAM	8	7	21.09	21.24	21.13		
3	16QAM	15	0	21.08	21.04	21.07		
3	64QAM	1	0	20.90	20.89	20.99	22.3	0
3	64QAM	1	8	21.20	21.14	21.07		
3	64QAM	1	14	21.10	21.08	20.83		
3	64QAM	8	0	20.81	20.87	21.03	21.8	0.5
3	64QAM	8	4	21.10	21.10	21.18		
3	64QAM	8	7	21.14	20.98	20.94		
3	64QAM	15	0	20.91	20.90	21.03		
3	256QAM	1	0	18.15	17.97	17.94	19.8	2.5
3	256QAM	1	8	18.15	17.92	17.97		
3	256QAM	1	14	18.13	18.17	18.01		
3	256QAM	8	0	17.82	17.84	17.72	19.8	2.5
3	256QAM	8	4	17.82	17.84	17.60		
3	256QAM	8	7	17.72	17.86	17.74		
3	256QAM	15	0	18.02	17.74	17.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.09	21.33	21.04	22.3	0
1.4	QPSK	1	3	21.05	20.99	21.30		
1.4	QPSK	1	5	21.21	21.22	21.20		
1.4	QPSK	3	0	21.24	21.33	21.34		
1.4	QPSK	3	1	21.04	21.02	21.23		
1.4	QPSK	3	3	21.19	21.17	21.16		
1.4	QPSK	6	0	20.99	21.29	21.21	22.3	0
1.4	16QAM	1	0	20.99	21.00	20.91	22.3	0
1.4	16QAM	1	3	20.96	20.88	21.15		
1.4	16QAM	1	5	21.23	21.18	20.97		
1.4	16QAM	3	0	21.09	20.97	20.90		
1.4	16QAM	3	1	21.08	20.96	21.08		
1.4	16QAM	3	3	21.25	21.24	21.18		
1.4	16QAM	6	0	21.13	21.01	21.06	22.3	0
1.4	64QAM	1	0	20.95	20.76	21.02	22.3	0
1.4	64QAM	1	3	21.22	21.13	21.19		
1.4	64QAM	1	5	21.02	21.05	21.01		
1.4	64QAM	3	0	20.92	21.00	20.97		
1.4	64QAM	3	1	21.18	21.14	21.02		
1.4	64QAM	3	3	20.97	20.97	21.06		
1.4	64QAM	6	0	20.85	20.92	21.05	21.8	0.5
1.4	256QAM	1	0	18.12	17.89	17.88	19.8	2.5
1.4	256QAM	1	3	18.16	17.95	17.97		
1.4	256QAM	1	5	17.99	18.08	17.89		
1.4	256QAM	3	0	17.82	17.81	17.73		
1.4	256QAM	3	1	17.70	17.73	17.75		
1.4	256QAM	3	3	17.75	17.77	17.89		
1.4	256QAM	6	0	17.85	17.92	17.94	19.8	2.5

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.95	23.00	22.88	23.5	0
20	QPSK	1	49	22.75	22.82	22.86		
20	QPSK	1	99	22.80	22.81	22.84		
20	QPSK	50	0	22.00	22.05	21.83	22.5	1
20	QPSK	50	24	22.00	21.86	21.99		
20	QPSK	50	50	21.86	21.91	22.03		
20	QPSK	100	0	21.92	22.02	21.76		
20	16QAM	1	0	22.00	22.07	22.05		
20	16QAM	1	49	22.16	22.20	22.17	22.5	1
20	16QAM	1	99	22.20	22.08	22.13		
20	16QAM	50	0	21.13	21.09	21.18		
20	16QAM	50	24	21.04	21.13	21.17	21.5	2
20	16QAM	50	50	21.03	21.08	21.07		
20	16QAM	100	0	20.99	21.05	21.12		
20	64QAM	1	0	20.69	20.75	20.64		
20	64QAM	1	49	20.73	20.67	20.76	21.5	2
20	64QAM	1	99	20.86	20.81	20.75		
20	64QAM	50	0	20.11	20.14	20.07		
20	64QAM	50	24	20.09	20.08	20.09	20.5	3
20	64QAM	50	50	20.08	20.17	20.25		
20	64QAM	100	0	20.14	20.03	20.14		
20	256QAM	1	0	18.06	17.94	17.92		
20	256QAM	1	49	18.07	17.89	17.97	18.5	5
20	256QAM	1	99	17.84	17.99	17.83		
20	256QAM	50	0	18.20	18.13	18.13		
20	256QAM	50	24	18.00	18.06	18.24	18.5	5
20	256QAM	50	50	18.13	18.23	18.20		
20	256QAM	100	0	18.12	18.02	18.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.88	22.75		
15	QPSK	1	37	22.69	22.87	22.56	23.5	0
15	QPSK	1	74	22.84	22.72	22.58		
15	QPSK	36	0	21.67	21.84	21.69		
15	QPSK	36	20	21.64	21.62	21.81	22.5	1
15	QPSK	36	39	21.84	21.83	21.81		
15	QPSK	75	0	21.72	21.85	21.70		
15	16QAM	1	0	22.00	22.00	22.01		
15	16QAM	1	37	21.95	22.07	21.98	22.5	1
15	16QAM	1	74	22.13	22.02	22.12		
15	16QAM	36	0	20.90	20.85	20.92		
15	16QAM	36	20	20.77	20.70	20.78	21.5	2
15	16QAM	36	39	20.97	20.81	20.86		
15	16QAM	75	0	20.85	20.76	20.76		
15	64QAM	1	0	20.84	20.95	20.88		
15	64QAM	1	37	20.82	21.06	21.07	21.5	2
15	64QAM	1	74	20.90	20.80	20.87		
15	64QAM	36	0	19.93	19.80	19.80		
15	64QAM	36	20	19.80	19.77	19.70	20.5	3
15	64QAM	36	39	19.98	19.96	19.78		
15	64QAM	75	0	19.85	19.80	19.76		
15	256QAM	1	0	17.96	17.84	17.75		
15	256QAM	1	37	17.85	17.89	17.97	18.5	5
15	256QAM	1	74	17.79	17.84	17.89		
15	256QAM	36	0	17.88	17.82	17.86		
15	256QAM	36	20	17.84	17.82	17.90	18.5	5
15	256QAM	36	39	17.74	17.92	17.69		
15	256QAM	75	0	17.77	17.78	17.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.87	22.86	22.65		
10	QPSK	1	25	22.76	22.83	22.55	23.5	0
10	QPSK	1	49	22.91	22.78	22.52		
10	QPSK	25	0	21.72	21.81	21.76		
10	QPSK	25	12	21.71	21.61	21.83	22.5	1
10	QPSK	25	25	21.85	21.85	21.82		
10	QPSK	50	0	21.79	21.82	21.65		
10	16QAM	1	0	22.01	21.98	21.97		
10	16QAM	1	25	21.97	22.11	22.04	22.5	1
10	16QAM	1	49	22.05	22.01	22.12		
10	16QAM	25	0	20.91	20.86	20.88		
10	16QAM	25	12	20.77	20.73	20.78	21.5	2
10	16QAM	25	25	20.95	20.78	20.82		
10	16QAM	50	0	20.82	20.78	20.85		
10	64QAM	1	0	20.87	20.97	20.82		
10	64QAM	1	25	20.83	21.04	21.03	21.5	2
10	64QAM	1	49	20.93	20.88	20.90		
10	64QAM	25	0	19.93	19.82	19.80		
10	64QAM	25	12	19.74	19.78	19.76	20.5	3
10	64QAM	25	25	19.97	19.93	19.78		
10	64QAM	50	0	19.77	19.84	19.78		
10	256QAM	1	0	17.91	17.85	17.75		
10	256QAM	1	25	17.83	17.91	17.99	18.5	5
10	256QAM	1	49	17.89	17.81	17.89		
10	256QAM	25	0	17.90	17.80	17.79		
10	256QAM	25	12	17.83	17.83	17.96	18.5	5
10	256QAM	25	25	17.75	17.93	17.69		
10	256QAM	50	0	17.80	17.81	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	22.92	22.65		
5	QPSK	1	12	22.73	22.78	22.52	23.5	0
5	QPSK	1	24	22.85	22.69	22.58		
5	QPSK	12	0	21.67	21.89	21.70		
5	QPSK	12	7	21.73	21.61	21.86	22.5	1
5	QPSK	12	13	21.78	21.81	21.76		
5	QPSK	25	0	21.79	21.82	21.70		
5	16QAM	1	0	22.00	21.94	22.01		
5	16QAM	1	12	21.92	22.04	22.03	22.5	1
5	16QAM	1	24	22.08	22.01	22.08		
5	16QAM	12	0	20.97	20.79	20.88		
5	16QAM	12	7	20.77	20.71	20.72	21.5	2
5	16QAM	12	13	20.93	20.77	20.86		
5	16QAM	25	0	20.84	20.82	20.76		
5	64QAM	1	0	20.87	20.91	20.85		
5	64QAM	1	12	20.86	21.03	21.06	21.5	2
5	64QAM	1	24	20.98	20.86	20.87		
5	64QAM	12	0	19.88	19.84	19.79		
5	64QAM	12	7	19.80	19.77	19.68	20.5	3
5	64QAM	12	13	19.97	19.94	19.71		
5	64QAM	25	0	19.82	19.83	19.72		
5	256QAM	1	0	17.95	17.84	17.70		
5	256QAM	1	12	17.81	17.90	17.97	18.5	5
5	256QAM	1	24	17.81	17.88	17.90		
5	256QAM	12	0	17.83	17.78	17.80		
5	256QAM	12	7	17.86	17.84	17.96	18.5	5
5	256QAM	12	13	17.74	17.90	17.63		
5	256QAM	25	0	17.79	17.80	17.86		

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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	23.01	22.97	23.05	22.88	22.79		
20	QPSK	1	49	22.81	22.88	22.95	22.82	22.98	23.5	0
20	QPSK	1	99	22.92	22.98	22.80	22.82	22.80		
20	QPSK	50	0	21.97	21.93	22.09	21.89	22.02		
20	QPSK	50	24	22.01	21.94	22.03	21.87	22.06	22.5	1
20	QPSK	50	50	21.87	22.08	21.96	21.86	22.05		
20	QPSK	100	0	21.98	21.93	22.00	21.83	21.80		
20	16QAM	1	0	22.05	21.98	22.10	22.09	22.22		
20	16QAM	1	49	22.08	22.09	22.16	22.18	22.17	22.5	1
20	16QAM	1	99	22.02	22.16	22.18	22.21	22.21		
20	16QAM	50	0	21.20	21.17	21.11	21.23	21.08		
20	16QAM	50	24	21.24	21.20	21.11	21.10	21.22	21.5	2
20	16QAM	50	50	21.01	21.21	21.06	21.03	20.99		
20	16QAM	100	0	21.17	21.10	21.06	21.14	21.19		
20	64QAM	1	0	20.71	20.87	20.79	20.90	20.89		
20	64QAM	1	49	20.83	20.70	20.85	20.75	20.76	21.5	2
20	64QAM	1	99	20.78	20.80	20.90	20.68	20.75		
20	64QAM	50	0	19.99	20.20	20.11	20.08	20.01		
20	64QAM	50	24	20.13	20.16	20.17	20.02	20.08	20.5	3
20	64QAM	50	50	20.07	20.05	20.13	20.05	20.00		
20	64QAM	100	0	20.01	19.98	20.02	20.02	20.15		
20	256QAM	1	0	17.92	17.97	17.94	18.05	17.91		
20	256QAM	1	49	17.84	17.97	18.00	17.92	17.85	18.5	5
20	256QAM	1	99	17.87	18.03	17.90	18.03	17.90		
20	256QAM	50	0	18.25	18.06	18.13	18.25	18.16		
20	256QAM	50	24	18.06	18.14	18.15	18.20	18.22	18.5	5
20	256QAM	50	50	18.12	18.24	18.21	18.24	18.15		
20	256QAM	100	0	17.96	17.98	18.03	17.98	17.96		
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	22.91	22.90	22.93	22.78	22.72		
15	QPSK	1	37	22.78	22.82	22.90	22.71	22.90	24	0
15	QPSK	1	74	22.84	22.94	22.68	22.78	22.76		
15	QPSK	36	0	21.85	21.81	22.05	21.85	21.94		
15	QPSK	36	20	21.98	21.91	21.94	21.76	22.03	22.5	1
15	QPSK	36	39	21.78	22.03	21.91	21.79	21.99		
15	QPSK	75	0	21.94	21.88	21.93	21.78	21.70		
15	16QAM	1	0	22.02	21.87	22.02	22.04	22.10		
15	16QAM	1	37	21.99	22.02	22.09	22.09	22.13	22.5	1
15	16QAM	1	74	21.91	22.11	22.14	22.10	22.15		
15	16QAM	36	0	21.09	21.07	21.04	21.11	20.98		
15	16QAM	36	20	21.16	21.07	21.04	20.97	21.15	21.5	2
15	16QAM	36	39	20.96	21.09	20.96	20.93	20.91		
15	16QAM	75	0	21.09	20.97	20.96	21.01	21.08		
15	64QAM	1	0	20.61	20.78	20.73	20.79	20.81		
15	64QAM	1	37	20.76	20.57	20.75	20.69	20.72	21.5	2
15	64QAM	1	74	20.75	20.69	20.77	20.64	20.71		
15	64QAM	36	0	19.88	20.11	20.04	19.98	19.89		
15	64QAM	36	20	20.02	20.12	20.10	19.90	19.96	20.5	3
15	64QAM	36	39	20.01	19.93	20.07	19.96	19.93		
15	64QAM	75	0	19.89	19.94	19.96	19.90	20.06		
15	256QAM	1	0	17.80	17.87	17.91	18.01	17.86		
15	256QAM	1	37	17.75	17.87	17.91	17.85	17.77	18.5	5
15	256QAM	1	74	17.76	17.98	17.79	17.90	17.78		
15	256QAM	36	0	18.16	17.93	18.02	18.13	18.12		
15	256QAM	36	20	17.94	18.09	18.04	18.13	18.10	18.5	5
15	256QAM	36	39	17.99	18.19	18.17	18.14	18.11		
15	256QAM	75	0	17.88	17.94	18.00	17.86	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	22.94	23.00	22.78	22.75		
10	QPSK	1	25	22.68	22.77	22.86	22.78	22.93	24	0
10	QPSK	1	49	22.82	22.93	22.74	22.71	22.68		
10	QPSK	25	0	21.88	21.88	22.03	21.79	21.91		
10	QPSK	25	12	21.97	21.91	21.99	21.79	21.99	22.5	1
10	QPSK	25	25	21.76	22.01	21.87	21.79	21.97		
10	QPSK	50	0	21.92	21.83	21.93	21.77	21.69		
10	16QAM	1	0	22.00	21.94	21.98	22.03	22.17		
10	16QAM	1	25	21.97	22.03	22.05	22.09	22.11	22.5	1
10	16QAM	1	49	21.97	22.12	22.08	22.15	22.09		
10	16QAM	25	0	21.13	21.13	21.05	21.13	21.02		
10	16QAM	25	12	21.16	21.15	21.00	21.00	21.15	21.5	2
10	16QAM	25	25	20.92	21.13	20.94	20.92	20.86		
10	16QAM	50	0	21.10	21.02	20.98	21.01	21.13		
10	64QAM	1	0	20.59	20.75	20.74	20.84	20.79		
10	64QAM	1	25	20.79	20.61	20.80	20.63	20.66	21.5	2
10	64QAM	1	49	20.66	20.71	20.80	20.60	20.71		
10	64QAM	25	0	19.90	20.13	19.99	20.02	19.91		
10	64QAM	25	12	20.04	20.04	20.07	19.91	19.97	20.5	3
10	64QAM	25	25	20.01	19.98	20.03	20.01	19.90		
10	64QAM	50	0	19.97	19.87	19.96	19.96	20.03		
10	256QAM	1	0	17.88	17.86	17.91	18.01	17.79		
10	256QAM	1	25	17.78	17.90	17.92	17.83	17.81	18.5	5
10	256QAM	1	49	17.81	17.96	17.78	17.91	17.79		
10	256QAM	25	0	18.17	17.93	18.03	18.19	18.11		
10	256QAM	25	12	17.97	18.01	18.04	18.09	18.18	18.5	5
10	256QAM	25	25	18.07	18.11	18.10	18.16	18.04		
10	256QAM	50	0	17.92	17.90	17.92	17.90	17.83		
Channel				39675	40142	40609	41093	41560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.96	22.86	22.98	22.82	22.72		
5	QPSK	1	12	22.77	22.85	22.82	22.71	22.88	24	0
5	QPSK	1	24	22.83	22.90	22.69	22.73	22.72		
5	QPSK	12	0	21.86	21.85	21.96	21.86	21.93		
5	QPSK	12	7	21.90	21.84	21.98	21.76	21.98	22.5	1
5	QPSK	12	13	21.81	22.01	21.84	21.80	22.00		
5	QPSK	25	0	21.91	21.83	21.91	21.76	21.73		
5	16QAM	1	0	21.97	21.87	22.07	22.04	22.11		
5	16QAM	1	12	21.99	22.04	22.08	22.07	22.04	22.5	1
5	16QAM	1	24	21.93	22.10	22.05	22.10	22.15		
5	16QAM	12	0	21.14	21.05	21.07	21.11	20.96		
5	16QAM	12	7	21.13	21.09	21.07	21.01	21.14	21.5	2
5	16QAM	12	13	20.94	21.14	21.03	20.94	20.90		
5	16QAM	25	0	21.09	21.01	20.96	21.08	21.07		
5	64QAM	1	0	20.67	20.84	20.76	20.82	20.84		
5	64QAM	1	12	20.76	20.63	20.74	20.66	20.66	21.5	2
5	64QAM	1	24	20.74	20.73	20.77	20.57	20.65		
5	64QAM	12	0	19.92	20.11	20.04	19.96	19.90		
5	64QAM	12	7	20.04	20.09	20.06	19.98	20.04	20.5	3
5	64QAM	12	13	19.98	19.98	20.07	19.98	19.87		
5	64QAM	25	0	19.97	19.91	19.97	19.96	20.06		
5	256QAM	1	0	17.83	17.91	17.85	17.92	17.80		
5	256QAM	1	12	17.72	17.93	17.90	17.82	17.77	18.5	5
5	256QAM	1	24	17.82	17.94	17.80	17.99	17.86		
5	256QAM	12	0	18.22	17.98	18.04	18.16	18.07		
5	256QAM	12	7	17.95	18.02	18.06	18.08	18.16	18.5	5
5	256QAM	12	13	18.05	18.15	18.16	18.21	18.06		
5	256QAM	25	0	17.89	17.93	17.94	17.90	17.89		

Band 41 HPUE Ant2

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	24.32	24.32	24.49	24.32	24.44		
20	QPSK	1	49	24.38	24.34	24.44	24.38	24.41	25.1	0
20	QPSK	1	99	24.44	24.45	24.33	24.40	24.42		
20	QPSK	50	0	24.37	24.26	24.38	24.15	24.13		
20	QPSK	50	24	24.08	24.30	24.37	24.00	24.14	25.1	0
20	QPSK	50	50	24.23	24.27	24.32	24.14	24.24		
20	QPSK	100	0	24.31	24.35	24.44	24.14	24.05		
20	16QAM	1	0	24.40	24.35	24.39	24.16	24.11		
20	16QAM	1	49	24.06	24.32	24.37	23.99	24.13	25.1	0
20	16QAM	1	99	24.25	24.20	24.34	24.20	24.19		
20	16QAM	50	0	24.17	24.15	24.08	23.98	24.02		
20	16QAM	50	24	23.96	24.06	24.00	24.11	24.20	25.1	0
20	16QAM	50	50	24.19	24.11	24.20	24.09	24.03		
20	16QAM	100	0	24.04	23.96	24.04	24.04	24.10		
20	64QAM	1	0	23.99	24.02	24.07	24.20	24.00		
20	64QAM	1	49	24.17	24.18	24.20	24.19	24.10	25.1	0
20	64QAM	1	99	24.00	24.10	24.06	24.12	23.95		
20	64QAM	50	0	23.03	23.05	23.12	23.21	23.19		
20	64QAM	50	24	23.19	23.01	23.17	23.16	23.23	24.1	1
20	64QAM	50	50	23.18	23.07	23.03	22.99	23.13		
20	64QAM	100	0	22.99	22.97	23.05	22.93	22.95		
20	256QAM	1	0	21.13	20.98	21.11	21.07	21.05		
20	256QAM	1	49	21.13	21.00	21.09	21.20	21.08	22.1	3
20	256QAM	1	99	21.11	21.09	21.13	21.16	21.04		
20	256QAM	50	0	21.21	21.24	21.14	21.25	21.08		
20	256QAM	50	24	21.07	21.11	21.25	21.22	21.12	22.1	3
20	256QAM	50	50	21.06	21.08	21.09	21.13	21.26		
20	256QAM	100	0	21.09	20.94	21.04	21.06	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	24.29	24.15	24.45	24.14	24.26		
15	QPSK	1	37	24.31	24.26	24.36	24.25	24.19	25	0
15	QPSK	1	74	24.33	24.31	24.27	24.33	24.29		
15	QPSK	36	0	24.18	24.12	24.35	24.02	24.06		
15	QPSK	36	20	24.01	24.11	24.31	24.12	24.03	25.1	0
15	QPSK	36	39	24.20	24.15	24.19	24.11	24.20		
15	QPSK	75	0	24.13	24.14	24.35	24.11	24.03		
15	16QAM	1	0	24.18	24.17	24.34	23.99	24.07		
15	16QAM	1	37	24.04	24.12	24.25	23.85	24.00	25.1	0
15	16QAM	1	74	24.23	24.03	24.16	24.14	24.01		
15	16QAM	36	0	24.11	24.04	23.87	23.84	23.81		
15	16QAM	36	20	23.78	23.89	23.78	24.09	24.14	25.1	0
15	16QAM	36	39	24.04	23.90	24.06	24.01	23.85		
15	16QAM	75	0	23.87	23.91	23.88	23.97	23.89		
15	64QAM	1	0	23.91	23.83	23.96	24.01	23.91		
15	64QAM	1	37	24.03	24.05	23.99	24.08	24.04	25.1	0
15	64QAM	1	74	23.97	24.06	23.85	24.03	23.87		
15	64QAM	36	0	22.97	22.95	23.08	23.19	23.11		
15	64QAM	36	20	22.99	22.90	23.06	22.95	23.05	24.1	1
15	64QAM	36	39	23.11	22.99	22.93	22.80	23.08		
15	64QAM	75	0	22.91	22.89	22.94	22.71	22.84		
15	256QAM	1	0	20.92	20.88	21.07	20.95	20.99		
15	256QAM	1	37	20.98	20.97	21.01	21.04	20.93	22.1	3
15	256QAM	1	74	21.00	20.87	21.07	21.01	20.93		
15	256QAM	36	0	21.05	21.21	20.92	21.19	20.88		
15	256QAM	36	20	20.89	20.96	21.22	21.12	20.99	22.1	3
15	256QAM	36	39	20.89	20.96	20.96	20.95	21.21		
15	256QAM	75	0	21.02	20.84	20.98	21.01	20.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.14	24.25	24.40	24.28	24.28		
10	QPSK	1	25	24.35	24.19	24.26	24.31	24.24	25	0
10	QPSK	1	49	24.24	24.24	24.23	24.28	24.38		
10	QPSK	25	0	24.34	24.16	24.34	24.02	23.99		
10	QPSK	25	12	23.91	24.15	24.32	23.91	24.11	25.1	0
10	QPSK	25	25	24.08	24.17	24.22	24.06	24.12		
10	QPSK	50	0	24.27	24.24	24.34	24.07	23.90		
10	16QAM	1	0	24.25	24.25	24.17	24.00	24.01		
10	16QAM	1	25	23.98	24.29	24.24	23.80	24.10	25.1	0
10	16QAM	1	49	24.21	24.11	24.26	23.99	24.10		
10	16QAM	25	0	24.06	23.99	24.00	23.79	23.96		
10	16QAM	25	12	23.85	23.93	23.87	24.01	24.02	25.1	0
10	16QAM	25	25	24.04	24.03	23.98	23.90	23.87		
10	16QAM	50	0	23.92	23.83	23.83	24.00	23.99		
10	64QAM

GSM1900 Ant9	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	24.74	24.76	24.67	25.50	15.74	15.76	15.67	16.50
GPRS 1 Tx slot	24.75	24.78	24.69	25.50	15.75	15.78	15.69	16.50
GPRS 2 Tx slots	21.82	21.67	21.55	22.50	15.82	15.67	15.55	16.50
GPRS 3 Tx slots	19.79	20.13	19.90	21.00	15.53	15.87	15.64	16.74
GPRS 4 Tx slots	18.86	18.89	18.81	20.00	15.86	15.89	15.81	17.00
EDGE 1 Tx slot	23.52	23.61	23.41	24.50	14.52	14.61	14.41	15.50
EDGE 2 Tx slots	22.15	22.31	22.14	23.00	16.15	16.31	16.14	17.00
EDGE 3 Tx slots	19.51	19.55	19.54	20.50	15.25	15.29	15.28	16.24
EDGE 4 Tx slots	17.92	18.21	18.17	19.00	14.92	15.21	15.17	16.00

Band		WCDMA II Ant9			Tune-up Limit (dBm)	WCDMA IV Ant9			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	15.72	15.81	15.70	16.70	22.23	22.29	22.25	23.00
3GPP Rel 99	RMC 12.2Kbps	15.81	15.82	15.72	16.70	22.31	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	14.84	14.76	14.55	15.70	21.32	21.29	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	14.74	14.74	14.52	15.70	21.25	21.23	21.01	22.00
3GPP Rel 6	HSDPA Subtest-3	14.13	14.05	13.97	15.20	20.71	20.67	20.44	21.50
3GPP Rel 6	HSDPA Subtest-4	14.06	14.05	14.09	15.20	20.58	20.61	20.66	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.60	14.69	14.61	15.70	21.07	21.26	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.67	14.75	14.84	15.70	21.10	21.33	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.20	14.13	14.12	15.20	20.75	20.67	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.11	14.14	14.33	15.20	20.65	20.71	20.75	21.50
3GPP Rel 6	HSUPA Subtest-1	14.73	14.61	14.76	15.70	21.17	21.13	21.29	22.00
3GPP Rel 6	HSUPA Subtest-2	12.47	12.68	12.55	13.70	19.05	19.16	19.09	20.00
3GPP Rel 6	HSUPA Subtest-3	13.87	13.80	13.58	14.70	20.37	20.37	20.03	21.00
3GPP Rel 6	HSUPA Subtest-4	12.79	12.74	12.56	13.70	19.32	19.26	19.09	20.00
3GPP Rel 6	HSUPA Subtest-5	14.82	14.89	14.57	15.70	21.32	21.34	20.98	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.26	12.39	12.23	13.20	18.75	18.83	18.70	19.50

Band 2 Ant9

BW [MHz]	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	15.20	15.45	15.17	16.4	0
20	QPSK	1	49	15.08	15.21	15.09		
20	QPSK	1	99	15.14	15.41	15.04		
20	QPSK	50	0	15.29	15.41	15.16		
20	QPSK	50	24	15.12	15.31	15.10		
20	QPSK	50	50	15.11	15.36	15.04		
20	QPSK	100	0	15.26	15.42	15.18		
20	16QAM	1	0	15.17	15.26	15.12		
20	16QAM	1	49	15.11	15.36	15.05	16.4	0
20	16QAM	1	99	15.23	15.35	15.18		
20	16QAM	50	0	15.19	15.31	15.07		
20	16QAM	50	24	15.08	15.39	15.10	16.4	0
20	16QAM	50	50	15.29	15.42	15.19		
20	16QAM	100	0	15.10	15.29	15.06		
20	64QAM	1	0	15.14	15.34	15.07		
20	64QAM	1	49	15.28	15.40	15.18	16.4	0
20	64QAM	1	99	15.08	15.25	15.08		
20	64QAM	50	0	15.14	15.40	15.11		
20	64QAM	50	24	15.22	15.39	15.24	16.4	0
20	64QAM	50	50	15.13	15.20	15.08		
20	64QAM	100	0	15.04	15.32	15.05		
20	256QAM	1	0	15.21	15.41	15.18		
20	256QAM	1	49	15.10	15.20	15.01	16.4	0
20	256QAM	1	99	15.15	15.40	15.06		
20	256QAM	50	0	15.18	15.43	15.21		
20	256QAM	50	24	15.27	15.41	15.23	16.4	0
20	256QAM	50	50	15.15	15.26	15.11		
20	256QAM	100	0	15.13	15.43	15.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.99	15.36	15.13	16.4	0
15	QPSK	1	37	14.98	15.14	14.88		
15	QPSK	1	74	15.01	15.36	14.87		
15	QPSK	36	0	15.14	15.30	15.02		
15	QPSK	36	20	14.99	15.12	14.99	16.4	0
15	QPSK	36	39	14.90	15.22	15.00		
15	QPSK	75	0	15.08	15.40	15.13		
15	16QAM	1	0	15.00	15.14	15.07		
15	16QAM	1	37	15.07	15.29	14.87	16.4	0
15	16QAM	1	74	15.18	15.13	15.05		
15	16QAM	36	0	15.06	15.23	15.02		
15	16QAM	36	20	14.87	15.24	15.00	16.4	0
15	16QAM	36	39	15.20	15.26	15.04		
15	16QAM	75	0	15.06	15.07	14.91		
15	64QAM	1	0	15.01	15.15	14.98		
15	64QAM	1	37	15.18	15.30	14.96	16.4	0
15	64QAM	1	74	15.01	15.10	14.92		
15	64QAM	36	0	14.95	15.29	15.02		
15	64QAM	36	20	15.10	15.30	15.03	16.4	0
15	64QAM	36	39	14.95	15.15	15.01		
15	64QAM	75	0	14.93	15.12	14.92		
15	256QAM	1	0	15.05	15.27	15.01		
15	256QAM	1	37	15.00	15.07	14.85	16.4	0
15	256QAM	1	74	15.09	15.30	15.01		
15	256QAM	36	0	15.08	15.28	15.19		
15	256QAM	36	20	15.15	15.30	15.02	16.4	0
15	256QAM	36	39	15.09	15.08	14.92		
15	256QAM	75	0	15.10	15.22	15.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.03	15.37	15.08	16.4	0
10	QPSK	1	25	15.05	15.01	15.03		
10	QPSK	1	49	15.04	15.34	14.96		
10	QPSK	25	0	15.12	15.20	15.08		
10	QPSK	25	12	15.07	15.29	14.94	16.4	0
10	QPSK	25	25	14.95	15.22	14.87		
10	QPSK	50	0	15.10	15.35	15.10		
10	16QAM	1	0	15.08	15.19	14.92		
10	16QAM	1	25	15.00	15.18	14.96	16.4	0
10	16QAM	1	49	15.04	15.16	14.98		
10	16QAM	25	0	15.07	15.19	15.01		
10	16QAM	25	12	15.04	15.18	15.07	16.4	0
10	16QAM	25	25	15.20	15.21	15.02		
10	16QAM	50	0	15.07	15.12	14.92		
10	64QAM	1	0	14.93	15.25	14.91		
10	64QAM	1	25	15.12	15.22	14.98	16.4	0
10	64QAM	1	49	14.89	15.16	15.02		
10	64QAM	25	0	15.11	15.24	15.02		
10	64QAM	25	12	15.13	15.29	15.15	16.4	0
10	64QAM	25	25	14.95	15.00	15.05		
10	64QAM	50	0	14.99	15.25	14.97		
10	256QAM	1	0	15.12	15.22	15.10		
10	256QAM	1	25	14.99	15.13	15.08	16.4	0
10	256QAM	1	49	14.95	15.35	15.11		
10	256QAM	25	0	15.10	15.27	15.13		
10	256QAM	25	12	15.24	15.27	15.14	16.4	0
10	256QAM	25	25	15.11	15.25	15.00		
10	256QAM	50	0	14.92	15.41	14.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.06	15.43	15.01	16.4	0
5	QPSK	1	12	15.03	15.01	14.98		
5	QPSK	1	24	14.98	15.31	14.93		
5	QPSK	12	0	15.16	15.20	15.01		
5	QPSK	12	7	14.97	15.11	15.04	16.4	0
5	QPSK	12	13	15.03	15.21	14.83		
5	QPSK	25	0	15.09	15.34	14.98		
5	16QAM	1	0	15.04	15.13	15.10		
5	16QAM	1	12	15.08	15.15	15.00	16.4	0
5	16QAM	1	24	15.02	15.23	15.08		
5	16QAM	12	0	15.02	15.23	14.99		
5	16QAM	12	7	14.90	15.28	15.02	16.4	0
5	16QAM	12	13	15.20	15.33	15.13		
5	16QAM	25	0	14.98	15.27	14.85		
5	64QAM	1	0	15.08	15.16	14.90		
5	64QAM	1	12	15.15	15.20	15.01	16.4	0
5	64QAM	1	24	14.88	15.18	14.91		
5	64QAM	12	0	15.05	15.27	14.99		
5	64QAM	12	7	15.01	15.29	15.04	16.4	0
5	64QAM	12	13	15.05	15.04	15.05		
5	64QAM	25	0	14.97	15.17	15.03		
5	256QAM	1	0	15.01	15.26	15.15		
5	256QAM	1	12	14.89	15.09	14.97	16.4	0
5	256QAM	1	24	15.11	15.24	14.94		
5	256QAM	12	0	14.97	15.22	15.16		
5	256QAM	12	7	15.25	15.33	15.10	16.4	0
5	256QAM	12	13	15.01	15.19	15.07		
5	256QAM	25	0	15.00	15.29	15.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.11	15.30	15.13	16.4	0
3	QPSK	1	8	15.00	15.14	15.06		
3	QPSK	1	14	15.03	15.39	14.91		
3	QPSK	8	0	15.07	15.24	14.96		
3	QPSK	8	4	15.03	15.22	15.02	16.4	0
3	QPSK	8	7	14.94	15.21	14.85		
3	QPSK	15	0	15.21	15.22	14.96		
3	16QAM	1	0	15.03	15.11	14.97		
3	16QAM	1	8	14.92	15.20	14.98	16.4	0
3	16QAM	1	14	15.19	15.31	15.14		
3	16QAM	8	0	15.12	15.27	14.89		
3	16QAM	8	4	14.93	15.25	15.03	16.4	0
3	16QAM	8	7	15.21	15.27	15.07		
3	16QAM	15	0	15.03	15.14	14.91		
3	64QAM	1	0	15.07	15.14	14.88		
3	64QAM	1	8	15.14	15.24	15.12	16.4	0
3	64QAM	1	14	14.92	15.16	14.97		
3	64QAM	8	0	14.93	15.31	14.97		
3	64QAM	8	4	15.08	15.25	15.13	16.4	0
3	64QAM	8	7	15.10	14.98	14.96		
3	64QAM	15	0	14.87	15.15	14.88		
3	256QAM	1	0	15.05	15.29	14.99		
3	256QAM	1	8	14.98	14.99	14.97	16.4	0
3	256QAM	1	14	15.02	15.25	14.85		
3	256QAM	8	0	15.15	15.36	15.02		
3	256QAM	8	4	15.09	15.25	15.08	16.4	0
3	256QAM	8	7	15.10	15.09	15.05		
3	256QAM	15	0	15.05	15.22	15.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.04	15.39	15.06	16.4	0
1.4	QPSK	1	3	14.98	15.11	14.89		
1.4	QPSK	1	5	15.10	15.32	14.91		
1.4	QPSK	3	0	15.24	15.29	14.99		
1.4	QPSK	3	1	15.04	15.24	15.04		
1.4	QPSK	3	3	15.07	15.15	14.92		
1.4	QPSK	6	0	15.10	15.35	15.13	16.4	0
1.4	16QAM	1	0	15.03	15.05	15.07		
1.4	16QAM	1	3	14.91	15.21	14.98		
1.4	16QAM	1	5	15.13	15.31	15.09	16.4	0
1.4	16QAM	3	0	15.05	15.25	14.93		
1.4	16QAM	3	1	14.95	15.25	14.98		
1.4	16QAM	3	3	15.20	15.24	15.10		
1.4	16QAM	6	0	15.05	15.24	14.92	16.4	0
1.4	64QAM	1	0	14.94	15.29	14.87		
1.4	64QAM	1	3	15.18	15.19	15.09	16.4	0
1.4	64QAM	1	5	14.87	15.11	15.01		
1.4	64QAM	3	0	15.08	15.26	14.95		
1.4	64QAM	3	1	15.06	15.26	15.12		
1.4	64QAM	3	3	14.91	15.04	14.90		
1.4	64QAM	6	0	14.97	15.13	14.97	16.4	0
1.4	256QAM	1	0	15.13	15.19	15.00	16.4	0
1.4	256QAM	1	3	15.04	15.16	14.94		
1.4	256QAM	1	5	14.93	15.21	14.90		
1.4	256QAM	3	0	14.98	15.31	15.09		
1.4	256QAM	3	1	15.10	15.29	15.06		
1.4	256QAM	3	3	15.09	15.20	14.95		
1.4	256QAM	6	0	15.04	15.26	14.97	16.4	0

Band 4 Ant9

BW [MHz]	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	18.00	18.19	18.02	19	0
20	QPSK	1	49	17.85	18.07	17.82		
20	QPSK	1	99	18.11	17.94	18.01		
20	QPSK	50	0	18.08	18.18	18.10		
20	QPSK	50	24	17.90	18.05	17.80		
20	QPSK	50	50	18.10	17.90	17.94		
20	QPSK	100	0	18.06	18.18	18.07		
20	16QAM	1	0	17.93	18.07	17.86		
20	16QAM	1	49	18.15	17.92	18.01	19	0
20	16QAM	1	99	18.09	18.12	18.09		
20	16QAM	50	0	17.85	18.01	17.85		
20	16QAM	50	24	18.16	17.96	17.96	19	0
20	16QAM	50	50	18.11	18.07	17.98		
20	16QAM	100	0	17.90	18.07	17.84		
20	64QAM	1	0	18.15	17.86	18.00		
20	64QAM	1	49	18.03	18.11	18.01	19	0
20	64QAM	1	99	17.88	18.00	17.87		
20	64QAM	50	0	18.15	17.93	17.96		
20	64QAM	50	24	18.01	18.13	18.09	19	0
20	64QAM	50	50	17.94	18.06	17.85		
20	64QAM	100	0	18.16	17.90	18.01		
20	256QAM	1	0	18.12	18.13	18.15		
20	256QAM	1	49	18.18	18.11	18.12	19	0
20	256QAM	1	99	18.15	18.15	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19	0
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.94	18.13	17.99	19	0
15	QPSK	1	37	17.74	17.95	17.64		
15	QPSK	1	74	18.05	17.91	17.87		
15	QPSK	36	0	17.95	17.97	18.06		
15	QPSK	36	20	17.81	17.91	17.61	19	0
15	QPSK	36	39	18.04	17.80	17.81		
15	QPSK	75	0	17.86	18.03	18.01		
15	16QAM	1	0	17.79	17.94	17.71		
15	16QAM	1	37	18.11	17.87	17.89	19	0
15	16QAM	1	74	17.95	17.92	17.96		
15	16QAM	36	0	17.77	17.85	17.71		
15	16QAM	36	20	18.08	17.92	17.86	19	0
15	16QAM	36	39	17.97	17.93	17.83		
15	16QAM	75	0	17.83	17.85	17.66		
15	64QAM	1	0	18.07	17.85	17.95		
15	64QAM	1	37	17.97	17.99	17.82	19	0
15	64QAM	1	74	17.74	17.97	17.85		
15	64QAM	36	0	17.95	17.85	17.81		
15	64QAM	36	20	17.88	18.00	17.99	19	0
15	64QAM	36	39	17.82	17.91	17.73		
15	64QAM	75	0	18.11	17.69	17.98		
15	256QAM	1	0	18.01	17.93	18.01		
15	256QAM	1	37	18.12	18.05	17.96	19	0
15	256QAM	1	74	18.06	18.01	17.97		
15	256QAM	36	0	17.98	17.87	17.74		
15	256QAM	36	20	17.87	17.89	17.75	19	0
15	256QAM	36	39	18.03	17.88	17.82		
15	256QAM	75	0	17.98	17.99	18.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.90	18.05	17.88	19	0
10	QPSK	1	25	17.76	17.87	17.67		
10	QPSK	1	49	17.94	17.75	17.93		
10	QPSK	25	0	17.93	17.97	17.90		
10	QPSK	25	12	17.73	17.94	17.70	19	0
10	QPSK	25	25	17.90	17.75	17.76		
10	QPSK	50	0	17.92	18.14	18.00		
10	16QAM	1	0	17.89	17.98	17.75		
10	16QAM	1	25	17.97	17.89	17.83	19	0
10	16QAM	1	49	17.90	18.05	18.03		
10	16QAM	25	0	17.74	17.82	17.72		
10	16QAM	25	12	18.10	17.86	17.84	19	0
10	16QAM	25	25	18.05	18.04	17.78		
10	16QAM	50	0	17.86	18.00	17.68		
10	64QAM	1	0	17.94	17.78	17.93		
10	64QAM	1	25	17.88	18.03	17.98	19	0
10	64QAM	1	49	17.86	17.80	17.76		
10	64QAM	25	0	18.02	17.82	17.88		
10	64QAM	25	12	17.82	18.10	18.02	19	0
10	64QAM	25	25	17.87	17.86	17.67		
10	64QAM	50	0	17.95	17.86	17.81		
10	256QAM	1	0	17.92	17.95	18.02		
10	256QAM	1	25	17.97	17.96	17.97	19	0
10	256QAM	1	49	18.10	18.00	18.02		
10	256QAM	25	0	18.02	17.88	17.77		
10	256QAM	25	12	18.05	17.85	17.72	19	0
10	256QAM	25	25	17.99	17.93	18.00		
10	256QAM	50	0	17.84	17.91	18.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.90	18.03	17.88	19	0
5	QPSK	1	12	17.82	17.97	17.77		
5	QPSK	1	24	18.05	17.77	17.98		
5	QPSK	12	0	18.01	18.04	18.04		
5	QPSK	12	7	17.77	17.89	17.74	19	0
5	QPSK	12	13	17.98	17.72	17.73		
5	QPSK	25	0	18.03	18.13	18.04		
5	16QAM	1	0	17.91	17.93	17.70		
5	16QAM	1	12	17.99	17.79	17.97	19	0
5	16QAM	1	24	18.06	18.01	17.98		
5	16QAM	12	0	17.65	17.83	17.68		
5	16QAM	12	7	18.08	17.77	17.80	19	0
5	16QAM	12	13	18.08	17.99	17.83		
5	16QAM	25	0	17.79	17.99	17.72		
5	64QAM	1	0	18.09	17.71	17.82		
5	64QAM	1	12	17.88	17.92	17.94	19	0
5	64QAM	1	24	17.84	17.86	17.68		
5	64QAM	12	0	18.12	17.77	17.91		
5	64QAM	12	7	17.90	17.92	17.91	19	0
5	64QAM	12	13	17.75	18.03	17.79		
5	64QAM	25	0	18.13	17.71	17.97		
5	256QAM	1	0	18.07	18.11	18.01		
5	256QAM	1	12	18.14	17.90	17.99	19	0
5	256QAM	1	24	18.02	17.95	17.99		
5	256QAM	12	0	17.90	17.79	17.72		
5	256QAM	12	7	17.98	17.79	17.68	19	0
5	256QAM	12	13	18.10	17.99	17.97		
5	256QAM	25	0	17.99	17.91	18.02		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.83	18.06	17.98	19	0
3	QPSK	1	8	17.77	17.92	17.67		
3	QPSK	1	14	18.01	17.85	17.89		
3	QPSK	8	0	17.99	17.98	17.93		
3	QPSK	8	4	17.82	18.00	17.96	19	0
3	QPSK	8	7	18.07	17.73	17.72		
3	QPSK	15	0	17.88	18.00	17.93		
3	16QAM	1	0	17.72	17.92	17.82		
3	16QAM	1	8	18.12	17.82	17.93	19	0
3	16QAM	1	14	18.01	18.07	17.96		
3	16QAM	8	0	17.64	17.91	17.79		
3	16QAM	8	4	17.97	17.89	17.79	19	0
3	16QAM	8	7	17.98	17.87	17.90		
3	16QAM	15	0	17.69	17.99	17.72		
3	64QAM	1	0	18.01	17.79	17.90		
3	64QAM	1	8	17.94	18.05	17.88	19	0
3	64QAM	1	14	17.81	17.82	17.81		
3	64QAM	8	0	18.13	17.72	17.80		
3	64QAM	8	4	17.97	17.97	18.04	19	0
3	64QAM	8	7	17.76	17.95	17.73		
3	64QAM	15	0	18.08	17.87	17.79		
3	256QAM	1	0	18.10	17.98	18.01		
3	256QAM	1	8	18.05	17.96	18.01	19	0
3	256QAM	1	14	18.08	18.01	17.97		
3	256QAM	8	0	17.91	17.88	17.74		
3	256QAM	8	4	17.94	17.83	17.75	19	0
3	256QAM	8	7	17.96	17.98	17.99		
3	256QAM	15	0	17.93	17.96	18.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.79	17.98	17.99	19	0
1.4	QPSK	1	3	17.78	17.95	17.66		
1.4	QPSK	1	5	18.00	17.77	17.80		
1.4	QPSK	3	0	17.86	18.14	17.90		
1.4	QPSK	3	1	17.81	17.87	17.67		
1.4	QPSK	3	3	17.95	17.82	17.74		
1.4	QPSK	6	0	18.04	18.01	17.88	19	0
1.4	16QAM	1	0	17.83	17.85	17.74		
1.4	16QAM	1	3	17.95	17.82	17.87		
1.4	16QAM	1	5	17.98	17.93	17.95	19	0
1.4	16QAM	3	0	17.67	17.87	17.78		
1.4	16QAM	3	1	17.96	17.84	17.75		
1.4	16QAM	3	3	17.91	17.90	17.91		
1.4	16QAM	6	0	17.83	18.00	17.65	19	0
1.4	64QAM	1	0	18.06	17.82	17.82		
1.4	64QAM	1	3	17.87	17.95	17.94		
1.4	64QAM	1	5	17.70	17.93	17.77	19	0
1.4	64QAM	3	0	17.95	17.75	17.83		
1.4	64QAM	3	1	17.81	18.09	17.97		
1.4	64QAM	3	3	17.90	17.99	17.71		
1.4	64QAM	6	0	17.97	17.71	17.89	19	0
1.4	256QAM	1	0	17.94	17.99	18.04		
1.4	256QAM	1	3	18.02	17.98	17.95		
1.4	256QAM	1	5	18.12	18.04	17.96	19	0
1.4	256QAM	3	0	17.98	17.92	17.70		
1.4	256QAM	3	1	17.90	17.70	17.68		
1.4	256QAM	3	3	18.10	17.95	17.90		
1.4	256QAM	6	0	17.92	17.99	18.10	19	0

Band 7 Ant9

BW [MHz]	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	12.55	12.67	12.41	13.7	0
20	QPSK	1	49	12.50	12.43	12.29		
20	QPSK	1	99	12.39	12.55	12.31		
20	QPSK	50	0	12.55	12.62	12.42		
20	QPSK	50	24	12.61	12.39	12.37		
20	QPSK	50	50	12.33	12.58	12.31		
20	QPSK	100	0	12.56	12.59	12.38		
20	16QAM	1	0	12.62	12.59	12.62		
20	16QAM	1	49	12.34	12.56	12.55	13.7	0
20	16QAM	1	99	12.52	12.65	12.57		
20	16QAM	50	0	12.55	12.46	12.66		
20	16QAM	50	24	12.34	12

Band 25 Ant9

BW [MHz]	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	15.51	15.53	15.49	16.4	0
20	QPSK	1	49	15.39	15.29	15.35		
20	QPSK	1	99	15.32	15.41	15.49		
20	QPSK	50	0	15.42	15.51	15.29		
20	QPSK	50	24	15.35	15.30	15.39		
20	QPSK	50	50	15.39	15.36	15.47		
20	QPSK	100	0	15.37	15.48	15.45		
20	16QAM	1	0	15.47	15.45	15.43		
20	16QAM	1	49	15.43	15.39	15.49	16.4	0
20	16QAM	1	99	15.37	15.42	15.36		
20	16QAM	50	0	15.42	15.39	15.47		
20	16QAM	50	24	15.51	15.36	15.38		
20	16QAM	50	50	15.35	15.38	15.29		
20	16QAM	100	0	15.32	15.29	15.31		
20	64QAM	1	0	15.29	15.34	15.35		
20	64QAM	1	49	15.32	15.30	15.43	16.4	0
20	64QAM	1	99	15.31	15.36	15.45		
20	64QAM	50	0	15.29	15.49	15.51		
20	64QAM	50	24	15.29	15.40	15.39	16.4	0
20	64QAM	50	50	15.29	15.51	15.40		
20	64QAM	100	0	15.34	15.42	15.43		
20	256QAM	1	0	15.50	15.42	15.50		
20	256QAM	1	49	15.52	15.30	15.45	16.4	0
20	256QAM	1	99	15.47	15.40	15.51		
20	256QAM	50	0	15.36	15.38	15.47		
20	256QAM	50	24	15.32	15.30	15.31	16.4	0
20	256QAM	50	50	15.36	15.29	15.51		
20	256QAM	100	0	15.51	15.49	15.42		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.42	15.47	15.42	16.4	0
15	QPSK	1	37	15.26	15.15	15.17		
15	QPSK	1	74	15.23	15.36	15.44		
15	QPSK	36	0	15.39	15.35	15.10		
15	QPSK	36	20	15.24	15.22	15.27	16.4	0
15	QPSK	36	39	15.19	15.25	15.44		
15	QPSK	75	0	15.33	15.43	15.23		
15	16QAM	1	0	15.45	15.31	15.37		
15	16QAM	1	37	15.36	15.23	15.30	16.4	0
15	16QAM	1	74	15.32	15.27	15.24		
15	16QAM	36	0	15.23	15.20	15.43		
15	16QAM	36	20	15.33	15.23	15.27	16.4	0
15	16QAM	36	39	15.27	15.35	15.17		
15	16QAM	75	0	15.13	15.08	15.26		
15	64QAM	1	0	15.22	15.24	15.17		
15	64QAM	1	37	15.15	15.16	15.26	16.4	0
15	64QAM	1	74	15.27	15.33	15.33		
15	64QAM	36	0	15.10	15.41	15.43		
15	64QAM	36	20	15.20	15.30	15.17	16.4	0
15	64QAM	36	39	15.15	15.49	15.29		
15	64QAM	75	0	15.20	15.21	15.28		
15	256QAM	1	0	15.47	15.21	15.30		
15	256QAM	1	37	15.41	15.12	15.42	16.4	0
15	256QAM	1	74	15.41	15.22	15.49		
15	256QAM	36	0	15.26	15.18	15.34		
15	256QAM	36	20	15.15	15.21	15.18	16.4	0
15	256QAM	36	39	15.15	15.08	15.46		
15	256QAM	75	0	15.33	15.34	15.26		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.33	15.34	15.28	16.4	0
10	QPSK	1	25	15.20	15.12	15.18		
10	QPSK	1	49	15.23	15.24	15.30		
10	QPSK	25	0	15.23	15.35	15.09		
10	QPSK	25	12	15.15	15.21	15.30	16.4	0
10	QPSK	25	25	15.29	15.28	15.37		
10	QPSK	50	0	15.22	15.44	15.38		
10	16QAM	1	0	15.45	15.25	15.40		
10	16QAM	1	25	15.38	15.18	15.36	16.4	0
10	16QAM	1	49	15.23	15.24	15.34		
10	16QAM	25	0	15.20	15.31	15.42		
10	16QAM	25	12	15.42	15.19	15.27	16.4	0
10	16QAM	25	25	15.26	15.28	15.14		
10	16QAM	50	0	15.22	15.07	15.29		
10	64QAM	1	0	15.08	15.28	15.26		
10	64QAM	1	25	15.26	15.11	15.34	16.4	0
10	64QAM	1	49	15.26	15.20	15.24		
10	64QAM	25	0	15.21	15.37	15.41		
10	64QAM	25	12	15.11	15.22	15.19	16.4	0
10	64QAM	25	25	15.17	15.40	15.18		
10	64QAM	50	0	15.17	15.31	15.23		
10	256QAM	1	0	15.47	15.24	15.45		
10	256QAM	1	25	15.40	15.24	15.35	16.4	0
10	256QAM	1	49	15.26	15.29	15.47		
10	256QAM	25	0	15.15	15.31	15.31		
10	256QAM	25	12	15.20	15.25	15.19	16.4	0
10	256QAM	25	25	15.25	15.14	15.48		
10	256QAM	50	0	15.49	15.44	15.26		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.32	15.48	15.31	16.4	0
5	QPSK	1	12	15.36	15.26	15.27		
5	QPSK	1	24	15.27	15.28	15.41		
5	QPSK	12	0	15.21	15.38	15.24		
5	QPSK	12	7	15.16	15.24	15.24	16.4	0
5	QPSK	12	13	15.19	15.22	15.39		
5	QPSK	25	0	15.23	15.39	15.35		
5	16QAM	1	0	15.27	15.32	15.41		
5	16QAM	1	12	15.24	15.33	15.33	16.4	0
5	16QAM	1	24	15.20	15.27	15.14		
5	16QAM	12	0	15.27	15.26	15.44		
5	16QAM	12	7	15.46	15.27	15.22	16.4	0
5	16QAM	12	13	15.28	15.30	15.13		
5	16QAM	25	0	15.29	15.16	15.28		
5	64QAM	1	0	15.14	15.25	15.27		
5	64QAM	1	12	15.10	15.27	15.38	16.4	0
5	64QAM	1	24	15.27	15.29	15.26		
5	64QAM	12	0	15.19	15.29	15.40		
5	64QAM	12	7	15.23	15.29	15.31	16.4	0
5	64QAM	12	13	15.08	15.46	15.28		
5	64QAM	25	0	15.29	15.27	15.28		
5	256QAM	1	0	15.35	15.22	15.44		
5	256QAM	1	12	15.41	15.11	15.35	16.4	0
5	256QAM	1	24	15.33	15.25	15.41		
5	256QAM	12	0	15.16	15.23	15.40		
5	256QAM	12	7	15.23	15.15	15.27	16.4	0
5	256QAM	12	13	15.15	15.26	15.35		
5	256QAM	25	0	15.33	15.37	15.36		
Channel				26055	26340	26875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.30	15.36	15.35	16.4	0
3	QPSK	1	8	15.29	15.15	15.14		
3	QPSK	1	14	15.23	15.33	15.42		
3	QPSK	8	0	15.37	15.32	15.15		
3	QPSK	8	4	15.32	15.11	15.25	16.4	0
3	QPSK	8	7	15.31	15.30	15.45		
3	QPSK	15	0	15.15	15.29	15.29		
3	16QAM	1	0	15.40	15.33	15.35		
3	16QAM	1	8	15.41	15.27	15.32	16.4	0
3	16QAM	1	14	15.23	15.32	15.19		
3	16QAM	8	0	15.26	15.21	15.40		
3	16QAM	8	4	15.41	15.21	15.19	16.4	0
3	16QAM	8	7	15.23	15.33	15.14		
3	16QAM	15	0	15.28	15.21	15.17		
3	64QAM	1	0	15.09	15.31	15.14		
3	64QAM	1	8	15.19	15.16	15.33	16.4	0
3	64QAM	1	14	15.15	15.26	15.40		
3	64QAM	8	0	15.26	15.40	15.49		
3	64QAM	8	4	15.19	15.34	15.26	16.4	0
3	64QAM	8	7	15.24	15.34	15.19		
3	64QAM	15	0	15.32	15.23	15.22		
3	256QAM	1	0	15.44	15.37	15.33		
3	256QAM	1	8	15.34	15.20	15.26	16.4	0
3	256QAM	1	14	15.43	15.21	15.32		
3	256QAM	8	0	15.16	15.19	15.30		
3	256QAM	8	4	15.18	15.24	15.21	16.4	0
3	256QAM	8	7	15.27	15.14	15.47		
3	256QAM	15	0	15.41	15.29	15.22		
Channel				26047	26340	26682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.46	15.48	15.36	16.4	0
1.4	QPSK	1	3	15.28	15.19	15.31		
1.4	QPSK	1	5	15.17	15.38	15.43		
1.4	QPSK	3	0	15.25	15.38	15.15		
1.4	QPSK	3	1	15.23	15.14	15.19		
1.4	QPSK	3	3	15.18	15.19	15.40		
1.4	QPSK	6	0	15.27	15.34	15.36	16.4	0
1.4	16QAM	1	0	15.43	15.30	15.32	16.4	0
1.4	16QAM	1	3	15.39	15.18	15.45		
1.4	16QAM	1	5	15.29	15.36	15.18		
1.4	16QAM	3	0	15.33	15.29	15.37		
1.4	16QAM	3	1	15.35	15.27	15.30		
1.4	16QAM	3	3	15.28	15.19	15.20		
1.4	16QAM	6	0	15.28	15.09	15.19	16.4	0
1.4	64QAM	1	0	15.19	15.19	15.15	16.4	0
1.4	64QAM	1	3	15.20	15.19	15.38		
1.4	64QAM	1	5	15.28	15.25	15.35		
1.4	64QAM	3	0	15.13	15.45	15.44		
1.4	64QAM	3	1	15.14	15.22	15.23		
1.4	64QAM	3	3	15.13	15.41	15.38		
1.4	64QAM	6	0	15.19	15.37	15.34	16.4	0
1.4	256QAM	1	0	15.44	15.39	15.36	16.4	0
1.4	256QAM	1	3	15.35	15.18	15.27		
1.4	256QAM	1	5	15.27	15.27	15.44		
1.4	256QAM	3	0	15.26	15.17	15.32		
1.4	256QAM	3	1	15.23	15.13	15.12		
1.4	256QAM	3	3	15.25	15.13	15.42		
1.4	256QAM	6	0	15.44	15.43	15.32	16.4	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	18.06	18.21	17.88	19	0
20	QPSK	1	49	18.11	17.95	17.98		
20	QPSK	1	99	17.96	18.03	17.82		
20	QPSK	50	0	18.11	18.19	17.89		
20	QPSK	50	24	18.06	17.93	17.97		
20	QPSK	50	50	18.00	18.09	17.83		
20	QPSK	100	0	18.04	18.11	17.90		
20	16QAM	1	0	18.10	17.90	17.91		
20	16QAM	1	49	18.02	18.06	17.84	19	0
20	16QAM	1	99	18.05	18.20	17.84		
20	16QAM	50	0	18.05	17.95	17.91		
20	16QAM	50	24	17.97	18.10	17.90		
20	16QAM	50	50	18.08	18.15	17.92		
20	16QAM	100	0	18.03	17.87	17.91		
20	64QAM	1	0	18.01	18.06	17.83		
20	64QAM	1	49	18.09	18.10	17.87	19	0
20	64QAM	1	99	18.01	17.89	17.89		
20	64QAM	50	0	17.93	18.10	17.89		
20	64QAM	50	24	18.08	18.17	17.89	19	0
20	64QAM	50	50	18.09	17.98	17.93		
20	64QAM	100	0	17.92	18.10	17.81		
20	256QAM	1	0	18.07	18.01	18.05		
20	256QAM	1	49	17.96	18.01	18.04	19	0
20	256QAM	1	99	18.06	18.08	17.94		
20	256QAM	50	0	17.91	17.89	17.86		
20	256QAM	50	24	17.85	18.00	17.93	19	0
20	256QAM	50	50	17.92	17.98	17.80		
20	256QAM	100	0	17.96	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.85	18.18	17.75	19	0
15	QPSK	1	37	17.94	17.93	17.86		
15	QPSK	1	74	17.78	18.00	17.76		
15	QPSK	36	0	18.06	18.07	17.83		
15	QPSK	36	20	18.03	17.77	17.79	19	0
15	QPSK	36	39	17.98	18.01	17.75		
15	QPSK	75	0	17.88	18.00	17.96		
15	16QAM	1	0	18.02	17.73	17.75		
15	16QAM	1	37	17.81	17.88	17.74	19	0
15	16QAM	1	74	17.95	17.99	17.63		
15	16QAM	36	0	17.95	17.80	17.88		
15	16QAM	36	20	17.93	17.93	17.81	19	0
15	16QAM	36	39	17.94	18.04	17.73		
15	16QAM	75	0	17.91	17.73	17.76		
15	64QAM	1	0	17.97	17.85	17.80		
15	64QAM	1	37	17.98	17.94	17.73	19	0
15	64QAM	1	74	17.81	17.72	17.67		
15	64QAM	36	0	17.80	17.93	17.74		
15	64QAM	36	20	17.86	18.07	17.76	19	0
15	64QAM	36	39	18.03	17.91	17.84		
15	64QAM	75	0	17.83	17.90	17.63		
15	256QAM	1	0	18.03	17.97	17.96		
15	256QAM	1	37	17.78	17.98	17.83	19	0
15	256QAM	1	74	18.03	17.95	17.89		
15	256QAM	36	0	17.89	17.77	17.75		
15	256QAM	36	20	17.73	17.84	17.72	19	0
15	256QAM	36	39	17.77	17.83	17.77		
15	256QAM	75	0	17.93	17.73	17.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.00	18.03	17.78	19	0
10	QPSK	1	25	18.01	17.90	17.76		
10	QPSK	1	49	17.88	18.00	17.68		
10	QPSK	25	0	18.04	18.11	17.70		
10	QPSK	25	12	17.94	17.78	17.84	19	0
10	QPSK	25	25	17.92	17.91	17.75		
10	QPSK	50	0	18.00	18.05	17.85		
10	16QAM	1	0	17.90	17.79	17.80		
10	16QAM	1	25	17.83	17.93	17.69	19	0
10	16QAM	1	49	17.87	18.06	17.65		
10	16QAM	25	0	17.98	17.78	17.69		
10	16QAM	25	12	17.82	17.96	17.83	19	0
10	16QAM	25	25	17.94	18.00	17.71		
10	16QAM	50	0	17.87	17.65	17.70		
10	64QAM	1	0	17.87	18.02	17.80		
10	64QAM	1	25	17.96	18.00	17.66	19	0
10	64QAM	1	49	17.98	17.70	17.69		
10	64QAM	25	0	17.77	17.96	17.75		
10	64QAM	25	12	17.88	18.10	17.78	19	0
10	64QAM	25	25	17.93	17.81	17.77		
10	64QAM	50	0	17.82	17.91	17.78		
10	256QAM	1	0	18.00	17.90	17.91		
10	256QAM	1	25	17.77	17.80	18.00	19	0
10	256QAM	1	49	17.85	17.90	17.80		
10	256QAM	25	0	17.87	17.69	17.82		
10	256QAM	25	12	17.71	17.84	17.81	19	0
10	256QAM	25	25	17.79	17.88	17.74		
10	256QAM	50	0	17.74	17.83	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.97	18.05	17.84	19	0
5	QPSK	1	12	17.90	17.73	17.84		
5	QPSK	1	24	17.84	17.99	17.75		
5	QPSK	12	0	17.97	18.12	17.74	19	0
5	QPSK	12	7	17.94	17.75	17.81		
5	QPSK	12	13	17.92	17.95	17.69		
5	QPSK	25	0	17.90	17.99	17.77		
5	16QAM	1	0	18.06	17.84	17.77	19	0
5	16QAM	1	12	17.95	17.93	17.86		
5	16QAM	1	24	18.03	18.14	17.78		
5	16QAM	12	0	17.90	17.74	17.85	19	0
5	16QAM	12	7	17.90	17.98	17.85		
5	16QAM	12	13	17.89	18.06	17.70		
5	16QAM	25	0	17.89	17.66	17.79		
5	64QAM	1	0	17.88	17.94	17.66	19	0
5	64QAM	1	12	17.96	18.02	17.84		
5	64QAM	1	24	17.99	17.93	17.77		
5	64QAM	12	0	17.76	17.94	17.76	19	0
5	64QAM	12	7	18.03	18.04	17.68		
5	64QAM	12	13	18.03	17.86	17.73		
5	64QAM	25	0	17.80	18.00	17.90		
5	256QAM	1	0	18.04	17.89	18.00	19	0
5	256QAM	1	12	17.81	17.87	17.97		
5	256QAM	1	24	18.02	17.98	17.82		
5	256QAM	12	0	17.70	17.76	17.72	19	0
5	256QAM	12	7	17.81	17.94	17.96		
5	256QAM	12	13	17.83	17.77	17.73		
5	256QAM	25	0	17.84	17.71	17.66		
Channel				131922	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.89	18.13	17.73	19	0
3	QPSK	1	8	18.03	17.86	17.91		
3	QPSK	1	14	17.80	17.98	17.65		
3	QPSK	8	0	17.96	18.14	17.78	19	0
3	QPSK	8	4	18.03	17.77	17.76		
3	QPSK	8	7	17.84	17.96	17.74		
3	QPSK	15	0	18.00	18.05	17.71		
3	16QAM	1	0	18.03	17.72	17.75	19	0
3	16QAM	1	8	17.99	18.02	17.72		
3	16QAM	1	14	17.90	18.08	17.68		
3	16QAM	8	0	17.97	17.92	17.72	19	0
3	16QAM	8	4	17.90	18.07	17.76		
3	16QAM	8	7	17.86	18.06	17.75		
3	16QAM	15	0	17.81	17.66	17.74		
3	64QAM	1	0	17.80	17.92	17.66	19	0
3	64QAM	1	8	17.90	17.88	17.75		
3	64QAM	1	14	17.87	17.74	17.68		
3	64QAM	8	0	17.73	18.00	17.69	19	0
3	64QAM	8	4	17.89	18.06	17.83		
3	64QAM	8	7	18.03	17.88	17.72		
3	64QAM	15	0	17.82	18.00	17.68		
3	256QAM	1	0	17.99	17.95	18.03	19	0
3	256QAM	1	8	17.91	17.83	17.86		
3	256QAM	1	14	17.97	18.03	17.73		
3	256QAM	8	0	17.89	17.82	17.80	19	0
3	256QAM	8	4	17.73	17.95	17.82		
3	256QAM	8	7	17.70	17.90	17.77		
3	256QAM	15	0	17.75	17.89	17.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.00	18.13	17.71	19	0
1.4	QPSK	1	3	18.07	17.93	17.94		
1.4	QPSK	1	5	17.84	17.82	17.79		
1.4	QPSK	3	0	17.92	18.07	17.86		
1.4	QPSK	3	1	18.00	17.88	17.81		
1.4	QPSK	3	3	17.78	17.89	17.67		
1.4	QPSK	6	0	17.84	17.91	17.87	19	0
1.4	16QAM	1	0	17.98	18.08	17.82	19	0
1.4	16QAM	1	3	17.98	18.01	17.93		
1.4	16QAM	1	5	17.86	18.18	18.02		
1.4	16QAM	3	0	17.85	17.83	17.71		
1.4	16QAM	3	1	17.92	17.95	17.87		
1.4	16QAM	3	3	17.90	18.04	17.71		
1.4	16QAM	6	0	17.94	17.72	17.76	19	0
1.4	64QAM	1	0	17.84	17.90	17.77	19	0
1.4	64QAM	1	3	18.06	17.94	17.87		
1.4	64QAM	1	5	17.93	17.68	17.78		
1.4	64QAM	3	0	17.71	17.91	17.84		
1.4	64QAM	3	1	18.04	18.07	17.71		
1.4	64QAM	3	3	18.03	17.77	17.64		
1.4	64QAM	6	0	17.79	18.06	17.78	19	0
1.4	256QAM	1	0	17.93	17.92	17.87	19	0
1.4	256QAM	1	3	17.74	17.90	17.98		
1.4	256QAM	1	5	17.98	17.88	17.76		
1.4	256QAM	3	0	17.83	17.78	17.80		
1.4	256QAM	3	1	17.82	17.92	17.83		
1.4	256QAM	3	3	17.86	17.96	17.75		
1.4	256QAM	6	0	17.87	17.71	17.64	19	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.00	14.18	14.01	15.3	0
20	QPSK	1	49	13.90	14.04	14.02		
20	QPSK	1	99	13.97	14.04	13.84		
20	QPSK	50	0	14.08	14.10	14.00	15.3	0
20	QPSK	50	24	13.95	14.04	14.01		
20	QPSK	50	50	13.98	14.01	13.85		
20	QPSK	100	0	14.06	14.15	13.98		
20	16QAM	1	0	13.97	13.97	13.99	15.3	0
20	16QAM	1	49	13.98	14.05	13.90		
20	16QAM	1	99	14.07	14.15	13.99		
20	16QAM	50	0	13.88	14.02	13.93	15.3	0
20	16QAM	50	24	13.99	14.02	13.93		
20	16QAM	50	50	14.01	14.08	14.06		
20	16QAM	100	0	13.91	14.02	14.01		
20	64QAM	1	0	13.92	14.05	13.86	15.3	0
20	64QAM	1	49	14.02	14.12	13.96		
20	64QAM	1	99	13.96	14.04	13.92		
20	64QAM	50	0	14.02	14.04	13.84	15.3	0
20	64QAM	50	24	14.10	14.11	13.99		
20	64QAM	50	50	13.94	13.99	14.02		
20	64QAM	100	0	14.02	13.97	13.85		
20	256QAM	1	0	14.00	14.06	14.06	15.3	0
20	256QAM	1	49	13.95	13.96	13.94		
20	256QAM	1	99	13.93	13.99	13.88		
20	256QAM	50	0	14.04	14.05	14.06	15.3	0
20	256QAM	50	24	14.08	14.16	13.99		
20	256QAM	50	50	13.87	14.02	14.02		
20	256QAM	100	0	14.00	14.05	13.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.83	14.00	13.95	15.3	0
15	QPSK	1	37	13.74	13.83	13.95		
15	QPSK	1	74	13.75	13.94	13.65		
15	QPSK	36	0	13.91	14.02	13.90	15.3	0
15	QPSK	36	20	13.88	13.99	13.79		
15	QPSK	36	39	13.77	13.87	13.69		
15	QPSK	75	0	13.94	14.06	13.95		
15	16QAM	1	0	13.82	13.76	13.82	15.3	0
15	16QAM	1	37	13.77	13.98	13.83		
15	16QAM	1	74	14.00	14.09	13.94		
15	16QAM	36	0	13.73	13.99	13.74	15.3	0
15	16QAM	36	20	13.80	13.81	13.89		
15	16QAM	36	39	13.87	13.99	13.93		
15	16QAM	75	0	13.89	13.81	13.86		
15	64QAM	1	0	13.79	13.93	13.67	15.3	0
15	64QAM	1	37	13.81	14.10	13.93		
15	64QAM	1	74	13.86	14.02	13.83		
15	64QAM	36	0	13.99	13.88	13.76	15.3	0
15	64QAM	36	20	13.90	13.90	13.91		
15	64QAM	36	39	13.82	13.96	13.96		
15	64QAM	75	0	13.93	13.87	13.63		
15	256QAM	1	0	13.93	13.84	13.96	15.3	0
15	256QAM	1	37	13.84	13.84	13.91		
15	256QAM	1	74	13.87	13.97	13.70		
15	256QAM	36	0	13.89	13.92	13.99	15.3	0
15	256QAM	36	20	14.06	13.97	13.96		
15	256QAM	36	39	13.68	13.94	14.00		
15	256QAM	75	0	13.86	13.92	13.75		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.84	14.12	13.92	15.3	0
10	QPSK	1	25	13.77	13.87	13.95		
10	QPSK	1	49	13.86	14.01	13.68		
10	QPSK	25	0	14.05	14.05	13.94	15.3	0
10	QPSK	25	12	13.92	13.91	13.81		
10	QPSK	25	25	13.84	13.90	13.77		
10	QPSK	50	0	13.99	14.04	13.91		
10	16QAM	1	0	13.78	13.91	13.96	15.3	0
10	16QAM	1	25	13.79	13.99	13.82		
10	16QAM	1	49	13.95	14.11	13.94		
10	16QAM	25	0	13.69	13.95	13.73	15.3	0
10	16QAM	25	12	13.80	13.87	13.87		
10	16QAM	25	25	13.93	13.92	13.99		
10	16QAM	50	0	13.88	13.98	13.92		
10	64QAM	1	0	13.83	13.95	13.84	15.3	0
10	64QAM	1	25	13.97	14.10	13.88		
10	64QAM	1	49	13.85	13.84	13.75		
10	64QAM	25	0	13.87	13.95	13.75	15.3	0
10	64QAM	25	12	14.05	14.05	13.91		
10	64QAM	25	25	13.89	13.88	13.93		
10	64QAM	50	0	13.99	13.88	13.63		
10	256QAM	1	0	13.89	13.94	13.99	15.3	0
10	256QAM	1	25	13.88	13.79	13.75		
10	256QAM	1	49	13.71	13.90	13.79		
10	256QAM	25	0	13.87	13.91	13.84	15.3	0
10	256QAM	25	12	13.95	13.95	13.83		
10	256QAM	25	25	13.69	13.91	13.83		
10	256QAM	50	0	13.93	13.92	13.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.96	14.03	13.94	15.3	0
5	QPSK	1	12	13.79	13.86	13.88		
5	QPSK	1	24	13.88	13.95	13.74		
5	QPSK	12	0	14.02	14.01	13.98	15.3	0
5	QPSK	12	7	13.74	13.84	13.88		
5	QPSK	12	13	13.84	13.84	13.68		
5	QPSK	25	0	13.91	13.94	13.85		
5	16QAM	1	0	13.78	13.84	13.94	15.3	0
5	16QAM	1	12	13.80	13.90	13.80		
5	16QAM	1	24	14.01	14.12	13.84		
5	16QAM	12	0	13.69	13.97	13.85	15.3	0
5	16QAM	12	7	13.89	14.00	13.76		
5	16QAM	12	13	13.85	13.97	13.99		
5	16QAM	25	0	13.87	13.97	13.80		
5	64QAM	1	0	13.71	13.97	13.68	15.3	0
5	64QAM	1	12	13.93	14.08	13.77		
5	64QAM	1	24	13.84	13.99	13.83		
5	64QAM	12	0	13.87	13.96	13.80	15.3	0
5	64QAM	12	7	14.05	13.92	13.92		
5	64QAM	12	13	13.82	13.93	13.83		
5	64QAM	25	0	13.94	13.82	13.65		
5	256QAM	1	0	13.90	13.97	13.89	15.3	0
5	256QAM	1	12	13.85	13.76	13.82		
5	256QAM	1	24	13.81	13.83	13.84		
5	256QAM	12	0	14.00	13.89	13.99	15.3	0
5	256QAM	12	7	13.92	14.12	13.88		
5	256QAM	12	13	13.81	13.91	13.97		
5	256QAM	25	0	13.91	13.86	13.86		

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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	14.18	14.15	14.22	14.09	14.11	15.3	0
20	QPSK	1	49	14.07	14.16	14.13	14.02	14.07		
20	QPSK	1	99	14.16	14.02	14.10	14.17	14.15		
20	QPSK	50	0	14.02	14.18	14.20	14.09	14.18	15.3	0
20	QPSK	50	24	14.19	14.10	14.18	14.01	14.15		
20	QPSK	50	50	14.16	14.18	14.06	14.14	14.15		
20	QPSK	100	0	14.13	14.12	14.17	14.13	14.14		
20	16QAM	1	0	14.19	14.09	14.17	14.17	14.12	15.3	0
20	16QAM	1	49	14.14	14.09	14.07	14.18	14.07		
20	16QAM	1	99	14.06	14.16	14.10	14.17	14.11		
20	16QAM	50	0	14.10	14.19	14.01	14.08	14.12	15.3	0
20	16QAM	50	24	14.10	14.15	14.17	14.01	14.15		
20	16QAM	50	50	14.05	14.14	14.08	14.02	14.14		
20	16QAM	100	0	14.00	14.09	14.04	14.14	14.05		
20	64QAM	1	0	14.18	14.09	14.03	14.17	14.13	15.3	0
20	64QAM	1	49	14.19	14.11	14.18	14.03	14.10		
20	64QAM	1	99	14.14	14.05	14.16	14.04	14.03		
20	64QAM	50	0	14.02	14.18	14.15	14.17	14.19	15.3	0
20	64QAM	50	24	14.17	14.04	14.02	14.13	14.15		
20	64QAM	50	50	14.17	14.08	14.02	14.13	14.01		
20	64QAM	100	0	14.06	14.11	14.20	14.14	14.01		
20	256QAM	1	0	14.11	14.18	14.07	14.04	14.12	15.3	0
20	256QAM	1	49	14.18	14.15	14.08	14.03	14.18		
20	256QAM	1	99	14.07	14.17	14.10	14.09	14.13		
20	256QAM	50	0	14.17	14.19	14.18	14.15	14.17	15.3	0
20	256QAM	50	24	14.07	14.02	14.07	14.02	14.15		
20	256QAM	50	50	14.16	14.18	14.06	14.16	14.15		
20	256QAM	100	0	14.09	14.02	14.04	14.12	14.03		
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	13.98	13.99	14.02	14.05	14.02	15	0
15	QPSK	1	37	13.96	14.14	13.95	13.81	13.87		
15	QPSK	1	74	14.11	13.81	13.90	14.06	13.99		
15	QPSK	36	0	13.90	14.11	14.10	13.97	13.97	15.3	0
15	QPSK	36	20	14.01	14.04	14.02	13.82	14.05		
15	QPSK	36	39	14.05	14.03	13.94	14.04	13.99		
15	QPSK	75	0	14.01	13.94	14.06	13.99	14.00		
15	16QAM	1	0	14.02	14.01	14.11	14.13	14.08	15.3	0
15	16QAM	1	37	13.98	13.97	13.98	14.12	14.03		
15	16QAM	1	74	13.91	13.95	14.02	13.99	13.93		
15	16QAM	36	0	14.06	14.06	13.96	13.93	14.09	15.3	0
15	16QAM	36	20	14.03	14.10	13.96	13.92	14.12		
15	16QAM	36	39	13.92	13.95	13.99	13.95	14.05		
15	16QAM	75	0	13.82	13.95	13.91	13.99	13.97		
15	64QAM	1	0	14.01	13.92	13.81	14.08	13.97	15.3	0
15	64QAM	1	37	14.17	14.07	14.05	13.94	13.92		
15	64QAM	1	74	14.00	13.86	14.09	13.88	13.85		
15	64QAM	36	0	13.94	13.97	13.95	14.10	14.03	15.3	0
15	64QAM	36	20	14.08	13.87	13.80	14.06	14.10		
15	64QAM	36	39	14.12	13.87	13.82	14.02	13.82		
15	64QAM	75	0	14.02	13.93	14.17	13.97	13.83		
15	256QAM	1	0	14.07	14.14	13.93	13.87	13.93	15.3	0
15	256QAM	1	37	14.01	13.96	14.04	13.97	13.96		
15	256QAM	1	74	13.95	14.09	13.96	14.00	14.01		
15	256QAM	36	0	14.00	14.07	13.97	14.10	14.14	15.3	0
15	256QAM	36	20	13.87	13.97	13.97	13.85	13.95		
15	256QAM	36	39	14.07	14.04	13.85	14.11	14.11		
15	256QAM	75	0	14.01	13.90	14.02	14.01	13.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.00	14.08	14.16	13.87	14.07	15	0
10	QPSK	1	25	13.86	14.06	13.96	13.84	14.02		
10	QPSK	1	49	14.12	13.95	14.00	13.95	14.13		
10	QPSK	25	0	13.80	14.04	14.02	13.88	13.99	15.3	0
10	QPSK	25	12	14.05	14.08	13.96	13.87	13.97		
10	QPSK	25	25	14.11	13.97	14.03	14.11	14.01		
10	QPSK	50	0	14.09	13.91	14.00	13.98	14.03		
10	16QAM	1	0	14.07	14.01	13.95	14.02	14.04	15.3	0
10	16QAM	1	25	14.09	14.02	13.98	14.10	13.96		
10	16QAM	1	49	13.88	13.97	13.95	14.11	14.07		
10	16QAM	25	0	14.00	14.08	13.90	13.93	13.91	15.3	0
10	16QAM	25	12	14.05	14.11	13.99	13.82	13.96		
10	16QAM	25	25	13.91	14.06	13.99	13.89	14.09		
10	16QAM	50	0	13.83	14.05	13.94	14.08	13.97		
10	64QAM	1	0	14.10	13.89	13.84	14.02	14.06	15.3	0
10	64QAM	1	25	14.03	13.96	14.08	13.88	14.02		
10	64QAM	1	49	14.11	13.97	14.00	13.93	13.90		
10	64QAM	25	0	13.80	14.14	14.07	14.08	14.01	15.3	0
10	64QAM	25	12	14.03	13.94	13.88	14.02	14.12		
10	64QAM	25	25	14.09	13.94	13.91	14.04	13.97		
10	64QAM	50	0	13.87	14.06	14.06	14.01	13.84		
10	256QAM	1	0	14.07	13.99	13.99	13.83	13.99	15.3	0
10	256QAM	1	25	13.99	14.03	14.00	13.99	14.07		
10	256QAM	1	49	13.99	14.04	13.94	14.07	14.00		
10	256QAM	25	0	13.96	13.98	14.02	14.03	13.97	15.3	0
10	256QAM	25	12	13.97	13.86	13.86	13.92	14.03		
10	256QAM	25	25	13.98	14.04	13.92	14.02	14.07		
10	256QAM	50	0	13.92	13.81	13.84	14.10	13.83		
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	14.09	14.05	14.19	13.88	13.97	15	0
5	QPSK	1	12	13.88	13.98	14.03	13.85	14.00		
5	QPSK	1	24	13.95	13.88	14.00	14.06	13.94		
5	QPSK	12	0	13.90	13.97	14.18	14.03	14.04	15.3	0
5	QPSK	12	7	14.01	13.96	14.12	13.89	14.05		
5	QPSK	12	13	14.06	14.06	14.03	13.99	13.99		
5	QPSK	25	0	13.96	14.04	13.99	13.97	14.10		
5	16QAM	1	0	14.05	13.98	14.13	14.04	13.92	15.3	0
5	16QAM	1	12	14.02	13.88	14.03	14.07	14.00		
5	16QAM	1	24	13.93	13.99	13.94	14.02	14.00		
5	16QAM	12	0	13.96	14.03	13.87	14.01	13.96	15.3	0
5	16QAM	12	7	13.92	14.11	14.03	13.98	14.05		
5	16QAM	12	13	13.92	14.01	14.00	13.81	13.99		
5	16QAM	25	0	13.80	14.02	13.82	13.94	13.96		
5	64QAM	1	0	14.06	14.00	14.00	14.02	14.08	15.3	0
5	64QAM	1	12	14.01	14.08	13.98	13.84	13.99		
5	64QAM	1	24	14.09	13.96	13.94	13.85	13.87		
5	64QAM	12	0	13.81	14.10	13.96	13.97	14.15	15.3	0
5	64QAM	12	7	13.98	13.97	13.89	13.94	13.96		
5	64QAM	12	13	13.99	13.96	13.95	14.00	13.86		
5	64QAM	25	0	13.86	14.08	13.99	14.06	13.90		
5	256QAM	1	0	14.05	14.00	13.92	14.01	13.94	15.3	0
5	256QAM	1	12	14.02	13.97	13.98	14.00	14.10		
5	256QAM	1	24	14.00	13.98	14.02	13.96	14.04		
5	256QAM	12	0	13.99	14.05	14.06	14.07	14.02	15.3	0
5	256QAM	12	7	14.01	13.81	14.05	13.87	13.98		
5	256QAM	12	13	14.07	14.05	14.01	14.11	14.09		
5	256QAM	25	0	14.06	13.99	13.89	14.06	13.85		

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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	15.80	15.85	15.92	15.87	15.81	16.9	0
20	QPSK	1	49	15.73	15.76	15.83	15.80	15.77		
20	QPSK	1	99	15.88	15.85	15.78	15.89	15.88		
20	QPSK	50	0	15.82	15.82	15.90	15.78	15.80	16.9	0
20	QPSK	50	24	15.86	15.86	15.71	15.84	15.74		
20	QPSK	50	50	15.83	15.75	15.75	15.88	15.78		
20	QPSK	100	0	15.82	15.78	15.85	15.84	15.74		
20	16QAM	1	0	15.86	15.85	15.73	15.88	15.71	16.9	0
20	16QAM	1	49	15.86	15.89	15.79	15.82	15.74		
20	16QAM	1	99	15.80	15.75	15.83	15.87	15.86		
20	16QAM	50	0	15.80	15.82	15.73	15.70	15.71	16.9	0
20	16QAM	50	24	15.82	15.77	15.88	15.79	15.76		
20	16QAM	50	50	15.90	15.74	15.78	15.82	15.85		
20	16QAM	100	0	15.89	15.75	15.88	15.84	15.85		
20	64QAM	1	0	15.78	15.76	15.72	15.71	15.73	16.9	0
20	64QAM	1	49	15.74	15.72	15.82	15.89	15.75		
20	64QAM	1	99	15.77	15.80	15.82	15.80	15.87		
20	64QAM	50	0	15.74	15.81	15.83	15.89	15.81	16.9	0
20	64QAM	50	24	15.84	15.84	15.80	15.90	15.83		
20	64QAM	50	50	15.88	15.77	15.76	15.81	15.87		
20	64QAM	100	0	15.73	15.89	15.81	15.85	15.72		
20	256QAM	1	0	15.86	15.89	15.84	15.85	15.81	16.9	0
20	256QAM	1	49	15.84	15.84	15.84	15.72	15.79		
20	256QAM	1	99	15.75	15.87	15.72	15.83	15.84		
20	256QAM	50	0	15.77	15.73	15.89	15.89	15.82	16.9	0
20	256QAM	50	24	15.74	15.71	15.88	15.72	15.73		
20	256QAM	50	50	15.87	15.80	15.89	15.77	15.84		
20	256QAM	100	0	15.77	15.75	15.73	15.81	15.85		
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	15.61	15.70	15.74	15.69	15.66	17	0
15	QPSK	1	37	15.53	15.59	15.75	15.65	15.60		
15	QPSK	1	74	15.81	15.76	15.65	15.68	15.68		
15	QPSK	36	0	15.62	15.79	15.81	15.66	15.77	16.9	0
15	QPSK	36	20	15.66	15.75	15.63	15.80	15.66		
15	QPSK	36	39	15.73	15.71	15.58	15.81	15.60		
15	QPSK	75	0	15.67	15.61	15.76	15.81	15.55		
15	16QAM	1	0	15.72	15.73	15.58	15.69	15.64	16.9	0
15	16QAM	1	37	15.65	15.72	15.62	15.64	15.54		
15	16QAM	1	74	15.68	15.57	15.66	15.69	15.82		
15	16QAM	36	0	15.74	15.71	15.54	15.54	15.52	16.9	0
15	16QAM	36	20	15.77	15.67	15.76	15.70	15.68		
15	16QAM	36	39	15.72	15.66	15.69	15.69	15.77		
15	16QAM	75	0	15.85	15.70	15.76	15.80	15.65		
15	64QAM	1	0	15.67	15.60	15.68	15.64	15.57	16.9	0
15	64QAM	1	37	15.60	15.50	15.65	15.85	15.57		
15	64QAM	1	74	15.71	15.67	15.66	15.70	15.75		
15	64QAM	36	0	15.59	15.76	15.72	15.82	15.75	16.9	0
15	64QAM	36	20	15.73	15.66	15.69	15.76	15.64		
15	64QAM	36	39	15.75	15.66	15.63	15.68	15.83		
15	64QAM	75	0	15.63	15.73	15.78	15.70	15.53		
15	256QAM	1	0	15.70	15.83	15.67	15.63	15.63	16.9	0
15	256QAM	1	37	15.76	15.65	15.72	15.60	15.68		
15	256QAM	1	74	15.67	15.66	15.60	15.72	15.74		
15	256QAM	36	0	15.73	15.54	15.71	15.75	15.64	16.9	0
15	256QAM	36	20	15.60	15.54	15.67	15.57	15.59		
15	256QAM	36	39	15.67	15.64	15.71	15.60	15.67		
15	256QAM	75	0	15.64	15.55	15.58	15.69	15.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.75	15.69	15.87	15.76	15.75	17	0
10	QPSK	1	25	15.64	15.63	15.66	15.73	15.71		
10	QPSK	1	49	15.80	15.77	15.60	15.72	15.80		
10	QPSK	25	0	15.72	15.62	15.83	15.60	15.58	16.9	0
10	QPSK	25	12	15.83	15.77	15.63	15.62	15.56		
10	QPSK	25	25	15.81	15.57	15.58	15.77	15.63		
10	QPSK	50	0	15.76	15.61	15.63	15.62	15.60		
10	16QAM	1	0	15.76	15.68	15.70	15.83	15.55	16.9	0
10	16QAM	1	25	15.76	15.76	15.76	15.68	15.56		
10	16QAM	1	49	15.78	15.73	15.67	15.76	15.83		
10	16QAM	25	0	15.64	15.61	15.51	15.60	15.56	16.9	0
10	16QAM	25	12	15.67	15.64	15.72	15.63	15.66		
10	16QAM	25	25	15.76	15.59	15.57	15.77	15.66		
10	16QAM	50	0	15.75	15.72	15.73	15.76	15.74		
10	64QAM	1	0	15.65	15.55	15.52	15.54	15.70	16.9	0
10	64QAM	1	25	15.70	15.66	15.61	15.81	15.72		
10	64QAM	1	49	15.55	15.71	15.66	15.66	15.76		
10	64QAM	25	0	15.56	15.67	15.77	15.78	15.74	16.9	0
10	64QAM	25	12	15.76	15.67	15.66	15.74	15.73		
10	64QAM	25	25	15.75	15.64	15.70	15.62	15.71		
10	64QAM	50	0	15.56	15.68	15.60	15.77	15.55		
10	256QAM	1	0	15.82	15.68	15.63	15.80	15.70	16.9	0
10	256QAM	1	25	15.79	15.74	15.63	15.70	15.72		
10	256QAM	1	49	15.55	15.83	15.52	15.64	15.67		
10	256QAM	25	0	15.56	15.54	15.71	15.67	15.65	16.9	0
10	256QAM	25	12	15.66	15.51	15.79	15.65	15.58		
10	256QAM	25	25	15.71	15.76	15.71	15.63	15.63		
10	256QAM	50	0	15.67	15.63	15.70	15.60	15.74		
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	15.64	15.64	15.82	15.73	15.67	17	0
5	QPSK	1	12	15.54	15.56	15.80	15.76	15.74		
5	QPSK	1	24	15.73	15.81	15.71	15.80	15.84		
5	QPSK	12	0	15.62	15.70	15.77	15.57	15.71	16.9	0
5	QPSK	12	7	15.74	15.82	15.68	15.63	15.60		
5	QPSK	12	13	15.68	15.58	15.56	15.80	15.66		
5	QPSK	25	0	15.72	15.58	15.66	15.62	15.66		
5	16QAM	1	0	15.70	15.63	15.70	15.70	15.61	16.9	0
5	16QAM	1	12	15.72	15.74	15.67	15.65	15.63		
5	16QAM	1	24	15.74	15.71	15.71	15.78	15.77		
5	16QAM	12	0	15.73	15.79	15.54	15.59	15.69	16.9	0
5	16QAM	12	7	15.65	15.70	15.74	15.67	15.73		
5	16QAM	12	13	15.82	15.64	15.72	15.68	15.77		
5	16QAM	25	0	15.83	15.64	15.85	15.75	15.68		
5	64QAM	1	0	15.62	15.66	15.52	15.53	15.62	16.9	0
5	64QAM	1	12	15.65	15.63	15.67	15.80	15.70		
5	64QAM	1	24	15.57	15.72	15.64	15.66	15.80		
5	64QAM	12	0	15.59	15.65	15.74	15.78	15.71	16.9	0
5	64QAM	12	7	15.77	15.63	15.59	15.72	15.70		
5	64QAM	12	13	15.73	15.61	15.72	15.74	15.79		
5	64QAM	25	0	15.55	15.82	15.59	15.74	15.63		
5	256QAM	1	0	15.79	15.80	15.72	15.82	15.69	16.9	0
5	256QAM	1	12	15.77	15.63	15.62	15.50	15.69		
5	256QAM	1	24	15.59	15.77	15.52	15.77	15.73		
5	256QAM	12	0	15.73	15.52	15.84	15.73	15.68	16.9	0
5	256QAM	12	7	15.57	15.52	15.79	15.54	15.67		
5	256QAM	12	13	15.81	15.75	15.86	15.58	15.72		
5	256QAM	25	0	15.71	15.65	15.53	15.60	15.63		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.89	16.17	16.11	17.2	0
20	QPSK	1	49	15.91	16.09	16.02		
20	QPSK	1	99	15.87	16.01	16.06		
20	QPSK	50	0	15.90	16.15	16.03	17.2	0
20	QPSK	50	24	15.94	16.12	16.00		
20	QPSK	50	50	15.85	15.99	16.08		
20	QPSK	100	0	16.01	16.15	16.11		
20	16QAM	1	0	15.86	16.01	15.93	17.2	0
20	16QAM	1	49	15.85	15.96	16.08		
20	16QAM	1	99	15.94	16.10	16.11		
20	16QAM	50	0	15.90	16.07	15.94	17.2	0
20	16QAM	50	24	15.92	16.01	16.10		
20	16QAM	50	50	15.96	16.16	16.04		
20	16QAM	100	0	15.89	16.07	15.94		
20	64QAM	1	0	15.89	16.01	16.01	17.2	0
20	64QAM	1	49	15.98	16.14	16.12		
20	64QAM	1	99	15.85	16.02	15.96		
20	64QAM	50	0	15.92	15.94	16.09	17.2	0
20	64QAM	50	24	15.93	16.09	16.06		
20	64QAM	50	50	15.88	16.01	16.01		
20	64QAM	100	0	15.95	16.00	16.09		
20	256QAM	1	0	16.01	16.09	16.05	17.2	0
20	256QAM	1	49	15.86	16.05	16.00		
20	256QAM	1	99	15.94	15.95	16.07		
20	256QAM	50	0	15.90	16.07	16.08	17.2	0
20	256QAM	50	24	15.94	16.07	16.01		
20	256QAM	50	50	15.89	16.08	15.93		
20	256QAM	100	0	15.94	15.95	16.02		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.70	16.00	15.89	17.2	0
15	QPSK	1	37	15.75	15.93	15.88		
15	QPSK	1	74	15.73	15.87	15.95		
15	QPSK	36	0	15.85	16.13	15.87	17.2	0
15	QPSK	36	20	15.81	15.91	15.92		
15	QPSK	36	39	15.75	15.91	15.87		
15	QPSK	75	0	15.90	16.03	16.01		
15	16QAM	1	0	15.65	15.94	15.78	17.2	0
15	16QAM	1	37	15.72	15.89	16.00		
15	16QAM	1	74	15.73	16.06	15.95		
15	16QAM	36	0	15.75	15.93	15.90	17.2	0
15	16QAM	36	20	15.78	15.93	16.06		
15	16QAM	36	39	15.81	15.94	15.86		
15	16QAM	75	0	15.87	15.97	15.86		
15	64QAM	1	0	15.69	15.95	15.90	17.2	0
15	64QAM	1	37	15.80	16.09	16.06		
15	64QAM	1	74	15.76	15.97	15.81		
15	64QAM	36	0	15.84	15.91	16.01	17.2	0
15	64QAM	36	20	15.79	15.90	16.04		
15	64QAM	36	39	15.74	15.96	15.84		
15	64QAM	75	0	15.91	15.81	15.90		
15	256QAM	1	0	15.88	16.00	15.98	17.2	0
15	256QAM	1	37	15.75	15.99	15.86		
15	256QAM	1	74	15.86	15.89	15.95		
15	256QAM	36	0	15.73	16.02	15.90	17.2	0
15	256QAM	36	20	15.88	16.00	15.81		
15	256QAM	36	39	15.82	16.01	15.79		
15	256QAM	75	0	15.79	15.78	15.80		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.76	16.13	16.03	17.2	0
10	QPSK	1	25	15.75	15.97	15.86		
10	QPSK	1	49	15.79	15.90	15.97		
10	QPSK	25	0	15.85	16.01	15.83	17.2	0
10	QPSK	25	12	15.81	15.91	15.92		
10	QPSK	25	25	15.71	15.87	16.04		
10	QPSK	50	0	15.93	15.98	16.08		
10	16QAM	1	0	15.83	15.95	15.90	17.2	0
10	16QAM	1	25	15.64	15.79	15.88		
10	16QAM	1	49	15.85	15.96	15.91		
10	16QAM	25	0	15.82	15.98	15.86	17.2	0
10	16QAM	25	12	15.80	15.84	15.95		
10	16QAM	25	25	15.79	16.09	15.89		
10	16QAM	50	0	15.75	15.90	15.77		
10	64QAM	1	0	15.68	15.96	15.85	17.2	0
10	64QAM	1	25	15.91	16.09	16.02		
10	64QAM	1	49	15.75	15.89	15.80		
10	64QAM	25	0	15.83	15.84	15.92	17.2	0
10	64QAM	25	12	15.83	16.00	15.99		
10	64QAM	25	25	15.67	15.98	15.94		
10	64QAM	50	0	15.93	15.83	15.94		
10	256QAM	1	0	15.90	16.06	15.91	17.2	0
10	256QAM	1	25	15.78	15.86	15.90		
10	256QAM	1	49	15.73	15.79	15.98		
10	256QAM	25	0	15.69	15.97	16.04	17.2	0
10	256QAM	25	12	15.80	16.00	15.93		
10	256QAM	25	25	15.75	15.89	15.77		
10	256QAM	50	0	15.89	15.90	15.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.82	16.01	15.90	17.2	0
5	QPSK	1	12	15.87	16.03	15.86		
5	QPSK	1	24	15.78	15.96	15.86		
5	QPSK	12	0	15.69	16.03	15.93	17.2	0
5	QPSK	12	7	15.83	15.93	15.91		
5	QPSK	12	13	15.64	15.82	15.88		
5	QPSK	25	0	15.85	16.12	16.07		
5	16QAM	1	0	15.84	15.80	15.88	17.2	0
5	16QAM	1	12	15.64	15.93	15.93		
5	16QAM	1	24	15.81	15.93	15.93		
5	16QAM	12	0	15.70	15.90	15.87	17.2	0
5	16QAM	12	7	15.89	15.81	15.91		
5	16QAM	12	13	15.91	15.96	15.91		
5	16QAM	25	0	15.81	16.02	15.85		
5	64QAM	1	0	15.74	15.80	15.79	17.2	0
5	64QAM	1	12	15.85	15.98	16.00		
5	64QAM	1	24	15.82	15.82	15.76		
5	64QAM	12	0	15.74	15.75	15.96	17.2	0
5	64QAM	12	7	15.88	15.94	15.98		
5	64QAM	12	13	15.78	15.98	15.82		
5	64QAM	25	0	15.81	15.88	15.89		
5	256QAM	1	0	15.80	15.94	15.84	17.2	0
5	256QAM	1	12	15.82	15.95	15.79		
5	256QAM	1	24	15.88	15.84	16.00		
5	256QAM	12	0	15.76	16.01	16.01	17.2	0
5	256QAM	12	7	15.90	15.99	15.80		
5	256QAM	12	13	15.83	15.96	15.88		
5	256QAM	25	0	15.75	15.75	15.91		

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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	17.68	17.77	17.69		
20	QPSK	1	49	17.70	17.66	17.73	18.9	0
20	QPSK	1	99	17.69	17.76	17.56		
20	QPSK	50	0	17.71	17.76	17.65		
20	QPSK	50	24	17.68	17.60	17.68	18.9	0
20	QPSK	50	50	17.64	17.75	17.51		
20	QPSK	100	0	17.64	17.68	17.61		
20	16QAM	1	0	17.68	17.71	17.63		
20	16QAM	1	49	17.69	17.62	17.66	18.9	0
20	16QAM	1	99	17.70	17.75	17.48		
20	16QAM	50	0	17.68	17.67	17.69		
20	16QAM	50	24	17.70	17.66	17.73	18.9	0
20	16QAM	50	50	17.69	17.76	17.56		
20	16QAM	100	0	17.71	17.76	17.65		
20	64QAM	1	0	17.68	17.60	17.68		
20	64QAM	1	49	17.64	17.75	17.51	18.9	0
20	64QAM	1	99	17.64	17.68	17.68		
20	64QAM	50	0	17.09	17.18	17.08		
20	64QAM	50	24	17.21	17.20	17.20	17.9	1
20	64QAM	50	50	17.07	17.14	17.21		
20	64QAM	100	0	17.07	17.12	17.11		
20	256QAM	1	0	15.06	15.10	15.19		
20	256QAM	1	49	15.16	15.22	15.20	15.9	3
20	256QAM	1	99	15.18	15.05	15.10		
20	256QAM	50	0	15.14	15.18	15.14		
20	256QAM	50	24	15.09	15.08	15.18	15.9	3
20	256QAM	50	50	15.21	15.20	15.15		
20	256QAM	100	0	15.06	15.13	15.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.65	17.60	17.49		
15	QPSK	1	37	17.51	17.59	17.65	18.9	0
15	QPSK	1	74	17.50	17.73	17.38		
15	QPSK	36	0	17.62	17.65	17.44		
15	QPSK	36	20	17.59	17.40	17.59	18.9	0
15	QPSK	36	39	17.43	17.54	17.35		
15	QPSK	75	0	17.56	17.65	17.41		
15	16QAM	1	0	17.63	17.65	17.43		
15	16QAM	1	37	17.47	17.51	17.57	18.9	0
15	16QAM	1	74	17.66	17.62	17.43		
15	16QAM	36	0	17.49	17.50	17.52		
15	16QAM	36	20	17.48	17.54	17.54	18.9	0
15	16QAM	36	39	17.57	17.68	17.45		
15	16QAM	75	0	17.67	17.55	17.58		
15	64QAM	1	0	17.53	17.57	17.48		
15	64QAM	1	37	17.43	17.59	17.33	18.9	0
15	64QAM	1	74	17.58	17.54	17.55		
15	64QAM	36	0	17.01	17.00	17.06		
15	64QAM	36	20	17.13	17.01	17.17	17.9	1
15	64QAM	36	39	17.05	16.96	17.14		
15	64QAM	75	0	16.87	16.97	16.94		
15	256QAM	1	0	14.90	14.94	15.03		
15	256QAM	1	37	14.95	15.02	15.09	15.9	3
15	256QAM	1	74	15.02	14.87	15.03		
15	256QAM	36	0	15.02	15.02	14.94		
15	256QAM	36	20	14.94	15.03	14.98	15.9	3
15	256QAM	36	39	15.17	15.14	15.02		
15	256QAM	75	0	14.94	15.06	15.07		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.62	17.67	17.66		
10	QPSK	1	25	17.53	17.63	17.56	18.9	0
10	QPSK	1	49	17.67	17.69	17.37		
10	QPSK	25	0	17.57	17.60	17.46		
10	QPSK	25	12	17.65	17.49	17.49	18.9	0
10	QPSK	25	25	17.51	17.59	17.40		
10	QPSK	50	0	17.51	17.51	17.54		
10	16QAM	1	0	17.48	17.66	17.41		
10	16QAM	1	25	17.63	17.52	17.51	18.9	0
10	16QAM	1	49	17.51	17.55	17.29		
10	16QAM	25	0	17.54	17.46	17.52		
10	16QAM	25	12	17.62	17.58	17.53	18.9	0
10	16QAM	25	25	17.58	17.64	17.43		
10	16QAM	50	0	17.52	17.71	17.56		
10	64QAM	1	0	17.56	17.57	17.54		
10	64QAM	1	25	17.55	17.68	17.32	18.9	0
10	64QAM	1	49	17.43	17.56	17.57		
10	64QAM	25	0	16.90	17.15	16.99		
10	64QAM	25	12	17.06	17.15	17.08	17.9	1
10	64QAM	25	25	16.86	17.08	17.00		
10	64QAM	50	0	17.00	16.93	17.04		
10	256QAM	1	0	15.03	14.92	15.08		
10	256QAM	1	25	15.04	15.04	15.08	15.9	3
10	256QAM	1	49	15.11	14.95	14.89		
10	256QAM	25	0	14.94	15.01	14.98		
10	256QAM	25	12	14.94	14.87	15.04	15.9	3
10	256QAM	25	25	15.06	15.04	14.97		
10	256QAM	50	0	14.86	15.00	15.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.52	17.61	17.60		
5	QPSK	1	12	17.62	17.56	17.53	18.9	0
5	QPSK	1	24	17.51	17.72	17.47		
5	QPSK	12	0	17.56	17.73	17.58		
5	QPSK	12	7	17.63	17.41	17.49	18.9	0
5	QPSK	12	13	17.51	17.68	17.34		
5	QPSK	25	0	17.45	17.54	17.41		
5	16QAM	1	0	17.53	17.65	17.59		
5	16QAM	1	12	17.65	17.50	17.48	18.9	0
5	16QAM	1	24	17.49	17.68	17.37		
5	16QAM	12	0	17.49	17.46	17.51		
5	16QAM	12	7	17.55	17.49	17.54	18.9	0
5	16QAM	12	13	17.53	17.55	17.34		
5	16QAM	25	0	17.56	17.70	17.56		
5	64QAM	1	0	17.65	17.41	17.64		
5	64QAM	1	12	17.54	17.59	17.40	18.9	0
5	64QAM	1	24	17.42	17.54	17.60		
5	64QAM	12	0	16.91	17.04	16.93		
5	64QAM	12	7	17.17	17.05	17.11	17.9	1
5	64QAM	12	13	16.89	17.06	16.99		
5	64QAM	25	0	16.88	17.07	17.01		
5	256QAM	1	0	14.87	14.92	15.11		
5	256QAM	1	12	14.97	15.07	15.13	15.9	3
5	256QAM	1	24	14.96	14.97	14.88		
5	256QAM	12	0	14.96	15.04	14.98		
5	256QAM	12	7	14.98	15.00	15.10	15.9	3
5	256QAM	12	13	15.11	15.07	15.12		
5	256QAM	25	0	14.88	14.93	15.13		

Band 42 FCC Part27Q Ant8

BW [MHz]	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	21.96	22.01	21.88		
20	QPSK	1	49	21.89	22.00	21.86	23	0
20	QPSK	1	99	21.84	21.83	21.63		
20	QPSK	50	0	20.88	21.09	21.01		
20	QPSK	50	24	21.04	20.96	20.97	22	1
20	QPSK	50	50	21.04	20.90	21.03		
20	QPSK	100	0	21.00	21.07	20.86		
20	16QAM	1	0	21.04	20.97	20.89		
20	16QAM	1	49	20.97	21.05	20.94	22	1
20	16QAM	1	99	21.02	21.08	21.08		
20	16QAM	50	0	20.12	20.09	20.13		
20	16QAM	50	24	20.18	20.08	20.14	21	2
20	16QAM	50	50	20.05	20.18	20.08		
20	16QAM	100	0	20.21	20.10	20.14		
20	64QAM	1	0	19.84	19.72	19.71		
20	64QAM	1	49	19.66	19.63	19.79	21	2
20	64QAM	1	99	19.69	19.65	19.70		
20	64QAM	50	0	19.23	19.13	19.08		
20	64QAM	50	24	19.04	19.13	19.12	20	3
20	64QAM	50	50	19.21	19.10	19.09		
20	64QAM	100	0	19.05	19.08	18.96		
20	256QAM	1	0	16.93	16.85	16.84		
20	256QAM	1	49	16.95	16.74	16.94	18	5
20	256QAM	1	99	16.95	16.85	16.76		
20	256QAM	50	0	16.99	17.09	17.03		
20	256QAM	50	24	17.06	17.14	17.19	18	5
20	256QAM	50	50	17.19	16.99	17.18		
20	256QAM	100	0	17.02	17.05	16.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.82	21.88	21.78		
15	QPSK	1	37	21.72	21.88	21.78	23	0
15	QPSK	1	74	21.76	21.77	21.56		
15	QPSK	36	0	20.84	20.96	20.88		
15	QPSK	36	20	20.94	20.86	20.85	22	1
15	QPSK	36	39	20.90	20.83	20.84		
15	QPSK	75	0	20.93	21.01	20.77		
15	16QAM	1	0	20.87	20.81	20.84		
15	16QAM	1	37	20.90	20.96	20.79	22	1
15	16QAM	1	74	20.82	20.94	20.99		
15	16QAM	36	0	19.98	19.96	20.03		
15	16QAM	36	20	20.09	20.00	20.01	21	2
15	16QAM	36	39	19.96	19.99	19.90		
15	16QAM	75	0	20.03	20.02	19.99		
15	64QAM	1	0	19.72	19.60	19.61		
15	64QAM	1	37	19.51	19.50	19.62	21	2
15	64QAM	1	74	19.56	19.47	19.65		
15	64QAM	36	0	19.16	19.04	18.93		
15	64QAM	36	20	18.84	19.08	18.97	20	3
15	64QAM	36	39	19.09	18.94	18.93		
15	64QAM	75	0	18.96	19.04	18.85		
15	256QAM	1	0	16.76	16.81	16.72		
15	256QAM	1	37	16.86	16.54	16.88	18	5
15	256QAM	1	74	16.77	16.75	16.69		
15	256QAM	36	0	16.86	17.00	16.98		
15	256QAM	36	20	17.00	17.02	17.09	18	5
15	256QAM	36	39	17.01	16.89	17.11		
15	256QAM	75	0	16.93	16.93	16.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.79	21.89	21.74		
10	QPSK	1	25	21.84	21.82	21.69	23	0
10	QPSK	1	49	21.70	21.73	21.50		
10	QPSK	25	0	20.71	21.01	20.86		
10	QPSK	25	12	20.96	20.91	20.90	22	1
10	QPSK	25	25	20.93	20.78	20.87		
10	QPSK	50	0	20.89	20.91	20.82		
10	16QAM	1	0	20.86	20.90	20.69		
10	16QAM	1	25	20.86	20.96	20.85	22	1
10	16QAM	1	49	20.97	20.92	20.94		
10	16QAM	25	0	19.94	19.94	19.96		
10	16QAM	25	12	20.05	19.99	20.00	21	2
10	16QAM	25	25	19.85	20.09	20.03		
10	16QAM	50	0	20.08	19.90	19.94		
10	64QAM	1	0	19.75	19.53	19.61		
10	64QAM	1	25	19.56	19.46	19.59	21	2
10	64QAM	1	49	19.60	19.46	19.58		
10	64QAM	25	0	19.11	19.04	18.94		
10	64QAM	25	12	18.86	18.94	18.93	20	3
10	64QAM	25	25	19.12	18.96	19.03		
10	64QAM	50	0	18.94	18.90	18.79		
10	256QAM	1	0	16.81	16.70	16.76		
10	256QAM	1	25	16.75	16.68	16.81	18	5
10	256QAM	1	49	16.75	16.75	16.68		
10	256QAM	25	0	16.86	16.91	16.84		
10	256QAM	25	12	16.94	17.01	17.09	18	5
10	256QAM	25	25	17.06	16.79	17.01		
10	256QAM	50	0	16.87	16.89	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.90	21.95	21.74		
5	QPSK	1	12	21.71	21.85	21.68	23	0
5	QPSK	1	24	21.71	21.76	21.49		
5	QPSK	12	0	20.80	20.94	20.84		
5	QPSK	12	7	20.86	20.77	20.88	22	1
5	QPSK	12	13	20.98	20.73	20.85		
5	QPSK	25	0	20.81	20.89	20.76		
5	16QAM	1	0	20.89	20.83	20.80		
5	16QAM	1	12	20.77	20.86	20.77	22	1
5	16QAM	1	24	20.86	20.99	20.88		
5	16QAM	12	0	20.05	19.89	20.03		
5	16QAM	12	7	19.99	19.99	20.09	21	2
5	16QAM	12	13	19.98	20.14	19.94		
5	16QAM	25	0	20.13	19.99	20.00		
5	64QAM	1	0	19.74	19.55	19.64		
5	64QAM	1	12	19.57	19.57	19.65	21	2
5	64QAM	1	24	19.56	19.49	19.59		
5	64QAM	12	0	19.07	18.94	18.98		
5	64QAM	12	7	18.85	18.93	18.99	20	3
5	64QAM	12	13	19.02	18.93	19.02		
5	64QAM	25	0	18.92	18.94	18.78		
5	256QAM	1	0	16.87	16.69	16.72		
5	256QAM	1	12	16.89	16.66	16.81	18	5
5	256QAM	1	24	16.75	16.71	16.70		
5	256QAM	12	0	16.89	16.91	16.96		
5	256QAM	12	7	16.89	16.99	17.02	18	5
5	256QAM	12	13	17.02	16.90	17.11		
5	256QAM	25	0	16.90	16.90	16.77		

Band 42 FCC Part27Q Ant10

BW [MHz]	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	13.72	14.01	13.88	14.7	0
20	QPSK	1	49	13.72	13.80	13.76		
20	QPSK	1	99	13.78	13.71	13.71		
20	QPSK	50	0	13.67	13.93	13.83	14.7	0
20	QPSK	50	24	13.81	13.87	13.85		
20	QPSK	50	50	13.92	13.73	13.86		
20	QPSK	100	0	13.78	13.90	13.86		
20	16QAM	1	0	13.75	13.93	13.91	14.7	0
20	16QAM	1	49	13.82	13.75	13.89		
20	16QAM	1	99	13.73	13.72	13.89		
20	16QAM	50	0	13.73	13.90	13.85	14.7	0
20	16QAM	50	24	13.77	13.83	13.79		
20	16QAM	50	50	13.70	13.79	13.84		
20	16QAM	100	0	13.85	13.91	13.92		
20	64QAM	1	0	13.86	13.76	13.79	14.7	0
20	64QAM	1	49	13.76	13.84	13.88		
20	64QAM	1	99	13.82	13.77	13.88		
20	64QAM	50	0	13.70	13.80	13.78	14.7	0
20	64QAM	50	24	13.72	13.88	13.92		
20	64QAM	50	50	13.76	13.81	13.70		
20	64QAM	100	0	13.77	13.71	13.87		
20	256QAM	1	0	13.76	13.80	13.73	14.7	0
20	256QAM	1	49	13.85	13.89	13.89		
20	256QAM	1	99	13.78	13.85	13.84		
20	256QAM	50	0	13.70	13.78	13.84	14.7	0
20	256QAM	50	24	13.84	13.78	13.85		
20	256QAM	50	50	13.81	13.91	13.87		
20	256QAM	100	0	13.90	13.91	13.75		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	13.66	13.97	13.83	14.7	0
15	QPSK	1	37	13.69	13.77	13.70		
15	QPSK	1	74	13.75	13.57	13.55		
15	QPSK	36	0	13.61	13.83	13.79	14.7	0
15	QPSK	36	20	13.73	13.82	13.80		
15	QPSK	36	39	13.85	13.65	13.82		
15	QPSK	75	0	13.65	13.84	13.69		
15	16QAM	1	0	13.66	13.77	13.86	14.7	0
15	16QAM	1	37	13.65	13.67	13.87		
15	16QAM	1	74	13.60	13.58	13.72		
15	16QAM	36	0	13.67	13.74	13.69	14.7	0
15	16QAM	36	20	13.69	13.74	13.67		
15	16QAM	36	39	13.65	13.72	13.74		
15	16QAM	75	0	13.74	13.81	13.79		
15	64QAM	1	0	13.77	13.70	13.72	14.7	0
15	64QAM	1	37	13.69	13.82	13.71		
15	64QAM	1	74	13.69	13.65	13.79		
15	64QAM	36	0	13.60	13.66	13.66	14.7	0
15	64QAM	36	20	13.61	13.71	13.80		
15	64QAM	36	39	13.63	13.77	13.65		
15	64QAM	75	0	13.70	13.54	13.74		
15	256QAM	1	0	13.60	13.65	13.67	14.7	0
15	256QAM	1	37	13.78	13.83	13.78		
15	256QAM	1	74	13.69	13.75	13.79		
15	256QAM	36	0	13.68	13.66	13.73	14.7	0
15	256QAM	36	20	13.80	13.62	13.77		
15	256QAM	36	39	13.76	13.87	13.77		
15	256QAM	75	0	13.83	13.75	13.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	13.62	13.96	13.71	14.7	0
10	QPSK	1	25	13.64	13.68	13.68		
10	QPSK	1	49	13.67	13.58	13.61		
10	QPSK	25	0	13.53	13.76	13.66	14.7	0
10	QPSK	25	12	13.69	13.85	13.79		
10	QPSK	25	25	13.79	13.55	13.74		
10	QPSK	50	0	13.70	13.87	13.71		
10	16QAM	1	0	13.73	13.91	13.79	14.7	0
10	16QAM	1	25	13.77	13.62	13.87		
10	16QAM	1	49	13.62	13.65	13.77		
10	16QAM	25	0	13.65	13.73	13.81	14.7	0
10	16QAM	25	12	13.61	13.78	13.67		
10	16QAM	25	25	13.61	13.63	13.69		
10	16QAM	50	0	13.70	13.78	13.89		
10	64QAM	1	0	13.81	13.66	13.74	14.7	0
10	64QAM	1	25	13.60	13.73	13.81		
10	64QAM	1	49	13.66	13.73	13.70		
10	64QAM	25	0	13.61	13.64	13.62	14.7	0
10	64QAM	25	12	13.61	13.78	13.74		
10	64QAM	25	25	13.60	13.66	13.65		
10	64QAM	50	0	13.73	13.55	13.81		
10	256QAM	1	0	13.71	13.73	13.56	14.7	0
10	256QAM	1	25	13.74	13.82	13.72		
10	256QAM	1	49	13.67	13.70	13.76		
10	256QAM	25	0	13.66	13.72	13.70	14.7	0
10	256QAM	25	12	13.68	13.67	13.79		
10	256QAM	25	25	13.78	13.78	13.80		
10	256QAM	50	0	13.80	13.83	13.62		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	13.56	13.98	13.75	14.7	0
5	QPSK	1	12	13.57	13.70	13.62		
5	QPSK	1	24	13.62	13.59	13.68		
5	QPSK	12	0	13.56	13.75	13.73	14.7	0
5	QPSK	12	7	13.71	13.74	13.80		
5	QPSK	12	13	13.79	13.62	13.70		
5	QPSK	25	0	13.75	13.86	13.84		
5	16QAM	1	0	13.73	13.83	13.80	14.7	0
5	16QAM	1	12	13.76	13.72	13.74		
5	16QAM	1	24	13.67	13.58	13.73		
5	16QAM	12	0	13.67	13.87	13.68	14.7	0
5	16QAM	12	7	13.69	13.80	13.72		
5	16QAM	12	13	13.55	13.66	13.82		
5	16QAM	25	0	13.78	13.75	13.77		
5	64QAM	1	0	13.73	13.63	13.72	14.7	0
5	64QAM	1	12	13.68	13.80	13.75		
5	64QAM	1	24	13.69	13.66	13.72		
5	64QAM	12	0	13.66	13.76	13.69	14.7	0
5	64QAM	12	7	13.56	13.81	13.79		
5	64QAM	12	13	13.59	13.73	13.55		
5	64QAM	25	0	13.60	13.54	13.69		
5	256QAM	1	0	13.61	13.70	13.62	14.7	0
5	256QAM	1	12	13.73	13.72	13.79		
5	256QAM	1	24	13.74	13.76	13.81		
5	256QAM	12	0	13.54	13.70	13.73	14.7	0
5	256QAM	12	7	13.67	13.74	13.73		
5	256QAM	12	13	13.76	13.80	13.78		
5	256QAM	25	0	13.73	13.82	13.71		

Full & Default & ECI4 Power Mode_Other PA

Band 2 Ant0

BW [MHz]	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	21.18	21.24	21.21	22.5	0
20	QPSK	1	49	21.15	21.14	21.17		
20	QPSK	1	99	21.15	21.04	21.11		
20	QPSK	50	0	20.34	20.39	20.17	21.5	1
20	QPSK	50	24	20.16	20.25	20.16		
20	QPSK	50	50	20.20	20.19	20.29		
20	QPSK	100	0	20.35	20.37	20.28		
20	16QAM	1	0	20.19	20.25	20.38	21.5	1
20	16QAM	1	49	20.11	20.39	20.12		
20	16QAM	1	99	20.17	20.20	20.13		
20	16QAM	50	0	19.23	19.36	19.45	20.5	2
20	16QAM	50	24	19.48	19.39	19.39		
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.39	19.33	20.5	2
20	64QAM	1	49	19.29	19.44	19.38		
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33	19.5	3
20	64QAM	50	24	18.47	18.35	18.51		
20	64QAM	50	50	18.26	18.36	18.35		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26	17.5	5
20	256QAM	1	49	16.37	16.39	16.25		
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24	17.5	5
20	256QAM	50	24	16.21	16.26	16.19		
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.27	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.10	21.11	21.15	22.5	0
15	QPSK	1	37	21.06	21.05	21.08		
15	QPSK	1	74	21.00	20.93	20.99		
15	QPSK	36	0	20.29	20.27	20.10	21.5	1
15	QPSK	36	20	20.11	20.17	20.04		
15	QPSK	36	39	20.09	20.10	20.25		
15	QPSK	75	0	20.26	20.26	20.22		
15	16QAM	1	0	20.16	20.23	20.29	21.5	1
15	16QAM	1	37	20.00	20.31	20.03		
15	16QAM	1	74	20.11	20.14	20.07		
15	16QAM	36	0	19.12	19.31	19.35	20.5	2
15	16QAM	36	20	19.37	19.33	19.27		
15	16QAM	36	39	19.29	19.32	19.23		
15	16QAM	75	0	19.37	19.30	19.32		
15	64QAM	1	0	19.42	19.27	19.27	20.5	2
15	64QAM	1	37	19.17	19.38	19.27		
15	64QAM	1	74	19.36	19.32	19.25		
15	64QAM	36	0	18.37	18.29	18.24	19.5	3
15	64QAM	36	20	18.32	18.32	18.45		
15	64QAM	36	39	18.20	18.31	18.32		
15	64QAM	75	0	18.27	18.25	18.09		
15	256QAM	1	0	16.13	16.26	16.15	17.5	5
15	256QAM	1	37	16.27	16.34	16.17		
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16	17.5	5
15	256QAM	36	20	16.15	16.20	16.11		
15	256QAM	36	39	16.18	16.35	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.14	21.16	21.17	22.5	0
10	QPSK	1	25	21.12	21.08	21.05		
10	QPSK	1	49	21.11	20.94	21.05		
10	QPSK	25	0	20.27	20.29	20.05	21.5	1
10	QPSK	25	12	20.04	20.18	20.04		
10	QPSK	25	25	20.08	20.13	20.25		
10	QPSK	50	0	20.27	20.34	20.21		
10	16QAM	1	0	20.15	20.21	20.31	21.5	1
10	16QAM	1	25	19.99	20.34	20.04		
10	16QAM	1	49	20.08	20.16	20.05		
10	16QAM	25	0	19.17	19.28	19.38	20.5	2
10	16QAM	25	12	19.43	19.28	19.35		
10	16QAM	25	25	19.35	19.29	19.24		
10	16QAM	50	0	19.36	19.26	19.27		
10	64QAM	1	0	19.40	19.30	19.27	20.5	2
10	64QAM	1	25	19.19	19.35	19.33		
10	64QAM	1	49	19.36	19.27	19.18		
10	64QAM	25	0	18.32	18.31	18.23	19.5	3
10	64QAM	25	12	18.42	18.24	18.40		
10	64QAM	25	25	18.14	18.24	18.30		
10	64QAM	50	0	18.22	18.28	18.06		
10	256QAM	1	0	16.13	16.24	16.15	17.5	5
10	256QAM	1	25	16.25	16.33	16.13		
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18	17.5	5
10	256QAM	25	12	16.28	16.18	16.08		
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.15	21.08	22.5	0
5	QPSK	1	12	21.08	21.01	21.09		
5	QPSK	1	24	21.10	20.94	21.07		
5	QPSK	12	0	20.29	20.34	20.04	21.5	1
5	QPSK	12	7	20.27	20.32	20.07		
5	QPSK	12	13	20.07	20.07	20.25		
5	QPSK	25	0	20.22	20.32	20.19		
5	16QAM	1	0	20.09	20.22	20.31	21.5	1
5	16QAM	1	12	19.92	20.15	20.07		
5	16QAM	1	24	20.12	20.15	20.01		
5	16QAM	12	0	19.15	19.32	19.42	20.5	2
5	16QAM	12	7	19.36	19.32	19.30		
5	16QAM	12	13	19.33	19.28	19.20		
5	16QAM	25	0	19.32	19.28	19.33		
5	64QAM	1	0	19.44	19.27	19.22	20.5	2
5	64QAM	1	12	19.24	19.37	19.33		
5	64QAM	1	24	19.37	19.26	19.26		
5	64QAM	12	0	18.38	18.32	18.21	19.5	3
5	64QAM	12	7	18.35	18.26	18.41		
5	64QAM	12	13	18.19	18.31	18.23		
5	64QAM	25	0	18.28	18.25	18.13		
5	256QAM	1	0	16.19	16.33	16.15	17.5	5
5	256QAM	1	12	16.27	16.34	16.14		
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.35	16.26	16.18	17.5	5
5	256QAM	12	7	16.13	16.14	16.11		
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.20	21.14	22.5	0
3	QPSK	1	8	21.10	21.10	21.05		
3	QPSK	1	14	21.07	20.95	21.04		
3	QPSK	8	0	20.28	20.31	20.06	21.5	1
3	QPSK	8	4	20.06	20.21	20.08		
3	QPSK	8	7	20.11	20.15	20.20		
3	QPSK	15	0	20.27	20.24	20.25		
3	16QAM	1	0	20.07	20.16	20.35	21.5	1
3	16QAM	1	8	20.01	20.03	20.03		
3	16QAM	1	14	20.04	20.14	20.03		
3	16QAM	8	0	19.11	19.28	19.34	20.5	2
3	16QAM	8	4	19.39	19.34	19.27		
3	16QAM	8	7	19.28	19.33	19.27		
3	16QAM	15	0	19.31	19.28	19.29		
3	64QAM	1	0	19.35	19.30	19.29	20.5	2
3	64QAM	1	8	19.24	19.38	19.32		
3	64QAM	1	14	19.39	19.28	19.19		
3	64QAM	8	0	18.33	18.26	18.30	19.5	3
3	64QAM	8	4	18.41	18.29	18.45		
3	64QAM	8	7	18.19	18.26	18.30		
3	64QAM	15	0	18.29	18.26	18.04		
3	256QAM	1	0	16.17	16.31	16.17	17.5	5
3	256QAM	1	8	16.27	16.31	16.14		
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20	17.5	5
3	256QAM	8	4	16.12	16.22	16.16		
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.30	16.16	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.10	21.20	21.13	22.5	0
1.4	QPSK	1	3	21.11	21.03	21.07		
1.4	QPSK	1	5	21.02	20.98	21.03		
1.4	QPSK	3	0	21.02	21.12	21.02		
1.4	QPSK	3	1	21.00	20.97	20.95		
1.4	QPSK	3	3	20.98	20.87	20.95		
1.4	QPSK	6	0	20.25	20.32	20.21	21.5	1
1.4	16QAM	1	0	20.10	20.22	20.27	21.5	1
1.4	16QAM	1	3	19.99	20.35	20.02		
1.4	16QAM	1	5	20.09	20.16	20.01		
1.4	16QAM	3	0	21.06	21.08	20.98		
1.4	16QAM	3	1	20.96	20.91	20.94		
1.4	16QAM	3	3	20.93	20.86	20.86		
1.4	16QAM	6	0	19.33	19.29	19.29	20.5	2
1.4	64QAM	1	0	19.43	19.31	19.27	20.5	2
1.4	64QAM	1	3	19.16	19.37	19.34		
1.4	64QAM	1	5	19.28	19.26	19.24		
1.4	64QAM	3	0	19.35	19.19	19.18		
1.4	64QAM	3	1	19.12	19.32	19.24		
1.4	64QAM	3	3	19.16	19.18	19.16		
1.4	64QAM	6	0	18.23	18.19	18.10	19.5	3
1.4	256QAM	1	0	16.11	16.24	16.20	17.5	5
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29		
1.4	256QAM	3	0	16.34	16.26	16.16		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.5	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	21.51	21.54	21.49	22.5	0
20	QPSK	1	49	21.50	21.46	21.41		
20	QPSK	1	99	21.52	21.44	21.38		
20	QPSK	50	0	20.56	20.64	20.54	21.5	1
20	QPSK	50	24	20.50	20.52	20.48		
20	QPSK	50	50	20.42	20.49	20.63		
20	QPSK	100	0	20.47	20.62	20.56		
20	16QAM	1	0	20.64	20.79	20.74	21.5	1
20	16QAM	1	49	20.74	20.67	20.93		
20	16QAM	1	99	20.65	20.77	20.79		
20	16QAM	50	0	19.62	19.56	19.64	20.5	2
20	16QAM	50	24	19.64	19.67	19.61		
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92	20.5	2
20	64QAM	1	49	19.87	19.89	19.88		
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70	19.5	3
20	64QAM	50	24	18.49	18.60	18.58		
20	64QAM	50	50	18.53	18.74	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.52	16.57	16.61	17.5	5
20	256QAM	1	49	16.61	16.71	16.44		
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63	17.5	5
20	256QAM	50	24	16.52	16.40	16.40		
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.22	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.15	21.08	22.5	0
15	QPSK	1	37	21.06	21.03	21.09		
15	QPSK	1	74	21.08	20.98	20.99		
15	QPSK	36	0	20.27	20.34	20.08	21.5	1
15	QPSK	36	20	20.04	20.13	20.08		
15	QPSK	36	39	20.13	20.07	20.26		
15	QPSK	75	0	20.28	20.40	20.23		
15	16QAM	1	0	20.10	20.21	20.32	21.5	1
15	16QAM	1	37	20.00	20.33	20.08		
15	16QAM	1	74	20.10	20.12	20.01		
15	16QAM	36	0	19.12	19.31	19.35	20.5	2
15	16QAM	36	20	19.39	19.36	19.35		
15	16QAM	36	39	19.37	19.24	19.25		
15	16QAM	75	0	19.32	19.26	19.30		
15	64QAM	1	0	19.44	19.33	19.21	20.5	2
15	64QAM	1	37	19.25	19.37	19.26		
15	64QAM	1	74	19.32	19.31	19.26		
15	64QAM	36	0	18.34	18.33	18.28	19.5	3
15	64QAM	36	20	18.36	18.24	18.43		
15	64QAM	36	39	18.16	18.32	18.29		
15	64QAM	75	0	18.23	18.18	18.13		
15	256QAM	1	0	16.14	16.26	16.15	17.5	5
15	256QAM	1	37	16.31	16.34	16.17		
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20	17.5	5
15	256QAM	36	20	16.12	16.18	16.09		
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.10	21.11	21.11	22.5	0
10	QPSK	1	25	21.02	21.03	21.12		
10	QPSK	1	49	21.10	20.93	21.03		
10	QPSK	25	0	20.28	20.28	20.13	21.5	1
10	QPSK	25	12	20.05	20.18	20.11		
10	QPSK	25	25	20.16	20.22	20.23		
10	QPSK	50	0	20.23	20.29	20.22		
10	16QAM	1	0	20.15	20.13	20.29	21.5	1
10	16QAM	1	25	20.01	20.29	20.05		
10	16QAM	1	49	20.14	20.13	20.01		
10	16QAM	25	0	19.19	19.31	19.38	20.5	2
10	16QAM	25	12	19.42	19.31	19.28		
10	16QAM	25	25	19.30	19.25	19.21		
10	16QAM	50	0	19.32	19.26	19.27		
10	64QAM	1	0	19.37	19.34	19.21	20.5	2
10	64QAM	1	25	19.25	19.33	19.26		
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.28	18.34	18.30	19.5	3
10	64QAM	25	12	18.36	18.26	18.41		
10	64QAM	25	25	18.19	18.25	18.31		
10	64QAM	50	0	18.27	18.23	18.10		
10	256QAM	1	0	16.16	16.27	16.23	17.5	5
10	256QAM	1	25	16.29	16.30	16.22		
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13	17.5	5
10	256QAM	25	12	16.29	16.30	16.07		
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.23	21.16	22.5	0
5	QPSK	1	12	21.06	21.06	21.10		
5	QPSK	1	24	21.07	20.92	21.02		
5	QPSK	12	0	20.25	20.29	20.07	21.5	1
5	QPSK	12	7	20.23	20.33	20.03		
5	QPSK	12	13	20.08	20.09	20.20		
5	QPSK	25	0	20.24	20.33	20.22		
5	16QAM	1	0	20.14	20.16	20.28	21.5	1
5	16QAM	1	12	20.06	20.05	20.05		
5	16QAM	1	24	20.06	20.14	20.08		
5	16QAM	12	0	19.10	19.32	19.39	20.5	2
5	16QAM	12	7	19.39	19.29	19.27		
5	16QAM	12	13	19.30	19.24	19.23		
5	16QAM	25	0	19.32	19.22	19.32		
5	64QAM	1	0	19.38	19.30	19.28	20.5	2
5	64QAM	1	12	19.20	19.39	19.27		
5	64QAM	1	24	19.35	19.30	19.25		
5	64QAM	12	0	18.31	18.31	18.25	19.5	3
5	64QAM	12	7	18.38	18.22	18.47		
5	64QAM	12	13	18.13	18.23	18.30		
5	64QAM	25	0	18.25	18.27	18.13		
5	256QAM	1	0	16.11	16.16	16.18	17.5	5
5	256QAM	1	12	16.33	16.27	16.21		
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.28	16.13	17.5	5
5	256QAM	12	7	16.10	16.12	16.09		
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.14	21.11	21.11	22.5	0
3	QPSK	1	8	21.04	21.06	21.04		
3	QPSK	1	14	21.04	20.93	21.00		
3	QPSK	8	0	20.28	20.34	20.05	21.5	1
3	QPSK	8	4	20.08	20.20	20.09		
3	QPSK	8	7	20.13	20.15	20.20		
3	QPSK	15	0	20.25	20.33	20.24		
3	16QAM	1	0	20.08	20.20	20.26	21.5	1
3	16QAM	1	8	20.01	20.30	20.07		
3	16QAM	1	14	20.07	20.09	20.02		
3	16QAM	8	0	19.14	19.32	19.39	20.5	2
3	16QAM	8	4	19.37	19.34	19.31		
3	16QAM	8	7	19.29	19.29	19.22		
3	16QAM	15	0	19.37	19.24	19.24		
3	64QAM	1	0	19.44	19.35	19.28	20.5	2
3	64QAM	1	8	19.18	19.40	19.33		
3	64QAM	1	14	19.29	19.33	19.24		
3	64QAM	8	0	18.32	18.34	18.22	19.5	3
3	64QAM	8	4	18.44	18.32	18.42		
3	64QAM	8	7	18.22	18.30	18.22		
3	64QAM	15	0	18.29	18.32	18.13		
3	256QAM	1	0	16.12	16.30	16.18	17.5	5
3	256QAM	1	8	16.33	16.34	16.21		
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.16	16.20	17.5	5
3	256QAM	8	4	16.09	16.16	16.12		
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.17	21.09	22.5	0
1.4	QPSK	1	3	21.05	21.03	21.06		
1.4	QPSK	1	5	21.04	20.94	20.99		
1.4	QPSK	3	0	21.04	21.04	21.02		
1.4	QPSK	3	1	20.93	20.92	20.94		
1.4	QPSK	3	3	20.91	20.84	20.86		
1.4	QPSK	6	0	20.28	20.31	20.25	21.5	1
1.4	16QAM	1	0	20.06	20.18	20.34	21.5	1
1.4	16QAM	1	3	20.06	20.35	20.04		
1.4	16QAM	1	5	20.07	20.15	20.02		
1.4	16QAM	3	0	21.06	21.09	21.02		
1.4	16QAM	3	1	21.01	20.91	20.94		
1.4	16QAM	3	3	20.92	20.89	20.91		
1.4	16QAM	6	0	19.32	19.30	19.30	20.5	2
1.4	64QAM	1	0	19.37	19.29	19.25	20.5	2
1.4	64QAM	1	3	19.26	19.32	19.33		
1.4	64QAM	1	5	19.36	19.34	19.21		
1.4	64QAM	3	0	19.32	19.23	19.15		
1.4	64QAM	3	1	19.09	19.31	19.26		
1.4	64QAM	3	3	19.21	19.17	19.14		
1.4	64QAM	6	0	18.29	18.25	18.08	19.5	3
1.4	256QAM	1	0	16.13	16.25	16.20	17.5	5
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35		
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.5	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	21.21	21.23	21.19	22.5	0
20	QPSK	1	49	21.17	21.05	21.06		
20	QPSK	1	99	20.98	20.96	20.92		
20	QPSK	50	0	20.18	20.25	20.21	21.5	1
20	QPSK	50	24	20.15	20.03	20.06		
20	QPSK	50	50	20.22	20.22	20.17		
20	QPSK	100	0	20.10	20.23	20.14		
20	16QAM	1	0	20.66	20.63	20.60	21.5	1
20

Band 2 Ant1

BW [MHz]	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	21.65	21.67	21.62	23	0
20	QPSK	1	49	21.49	21.49	21.41		
20	QPSK	1	99	21.51	21.65	21.46		
20	QPSK	50	0	20.57	20.60	20.51		
20	QPSK	50	24	20.50	20.54	20.44	22	1
20	QPSK	50	50	20.37	20.52	20.56		
20	QPSK	100	0	20.50	20.55	20.43		
20	16QAM	1	0	20.84	20.73	20.65		
20	16QAM	1	49	20.83	20.70	20.72	22	1
20	16QAM	1	99	20.69	20.61	20.80		
20	16QAM	50	0	19.68	19.69	19.67		
20	16QAM	50	24	19.60	19.65	19.48	21	2
20	16QAM	50	50	19.50	19.50	19.50		
20	16QAM	100	0	19.55	19.59	19.48		
20	64QAM	1	0	19.61	19.68	19.58		
20	64QAM	1	49	19.79	19.69	19.62	21	2
20	64QAM	1	99	19.57	19.71	19.71		
20	64QAM	50	0	18.53	18.54	18.42		
20	64QAM	50	24	18.49	18.59	18.62	20	3
20	64QAM	50	50	18.52	18.57	18.65		
20	64QAM	100	0	18.48	18.60	18.55		
20	256QAM	1	0	16.74	16.64	16.74		
20	256QAM	1	49	16.70	16.70	16.58	18	5
20	256QAM	1	99	16.68	16.64	16.51		
20	256QAM	50	0	16.64	16.60	16.61		
20	256QAM	50	24	16.58	16.50	16.55	18	5
20	256QAM	50	50	16.69	16.59	16.55		
20	256QAM	100	0	16.47	16.57	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.62	21.62	21.55	23	0
15	QPSK	1	37	21.43	21.43	21.33		
15	QPSK	1	74	21.43	21.59	21.34		
15	QPSK	36	0	20.51	20.47	20.47	22	1
15	QPSK	36	20	20.44	20.45	20.40		
15	QPSK	36	39	20.25	20.45	20.32		
15	QPSK	75	0	20.45	20.48	20.31		
15	16QAM	1	0	20.81	20.67	20.52	22	1
15	16QAM	1	37	20.76	20.64	20.64		
15	16QAM	1	74	20.55	20.55	20.54		
15	16QAM	36	0	19.59	19.52	19.62	21	2
15	16QAM	36	20	19.50	19.56	19.42		
15	16QAM	36	39	19.45	19.40	19.47		
15	16QAM	75	0	19.46	19.47	19.37		
15	64QAM	1	0	19.55	19.64	19.54	21	2
15	64QAM	1	37	19.71	19.66	19.49		
15	64QAM	1	74	19.46	19.66	19.60		
15	64QAM	36	0	18.44	18.44	18.30	20	3
15	64QAM	36	20	18.38	18.53	18.57		
15	64QAM	36	39	18.48	18.50	18.57		
15	64QAM	75	0	18.42	18.54	18.44		
15	256QAM	1	0	16.68	16.55	16.65	18	5
15	256QAM	1	37	16.61	16.58	16.55		
15	256QAM	1	74	16.61	16.59	16.42		
15	256QAM	36	0	16.58	16.53	16.56	18	5
15	256QAM	36	20	16.54	16.37	16.42		
15	256QAM	36	39	16.61	16.57	16.47		
15	256QAM	75	0	16.38	16.46	16.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.54	21.58	21.40	23	0
10	QPSK	1	25	21.39	21.43	21.34		
10	QPSK	1	49	21.47	21.58	21.37		
10	QPSK	25	0	20.51	20.55	20.42	22	1
10	QPSK	25	12	20.46	20.48	20.38		
10	QPSK	25	25	20.31	20.46	20.32		
10	QPSK	50	0	20.43	20.46	20.32		
10	16QAM	1	0	20.73	20.64	20.54	22	1
10	16QAM	1	25	20.78	20.64	20.69		
10	16QAM	1	49	20.57	20.57	20.73		
10	16QAM	25	0	19.62	19.56	19.55	21	2
10	16QAM	25	12	19.56	19.56	19.41		
10	16QAM	25	25	19.44	19.41	19.39		
10	16QAM	50	0	19.44	19.52	19.40		
10	64QAM	1	0	19.50	19.62	19.48	21	2
10	64QAM	1	25	19.73	19.57	19.54		
10	64QAM	1	49	19.46	19.61	19.62		
10	64QAM	25	0	18.41	18.47	18.37	20	3
10	64QAM	25	12	18.43	18.54	18.55		
10	64QAM	25	25	18.45	18.51	18.57		
10	64QAM	50	0	18.43	18.48	18.45		
10	256QAM	1	0	16.69	16.61	16.63	18	5
10	256QAM	1	25	16.66	16.67	16.45		
10	256QAM	1	49	16.58	16.57	16.40		
10	256QAM	25	0	16.53	16.56	16.53	18	5
10	256QAM	25	12	16.48	16.41	16.45		
10	256QAM	25	25	16.60	16.66	16.45		
10	256QAM	50	0	16.36	16.52	16.45		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.55	21.55	21.56	23	0
5	QPSK	1	12	21.38	21.42	21.32		
5	QPSK	1	24	21.43	21.57	21.40		
5	QPSK	12	0	20.47	20.49	20.39	22	1
5	QPSK	12	7	20.47	20.44	20.35		
5	QPSK	12	13	20.25	20.47	20.48		
5	QPSK	25	0	20.41	20.48	20.38		
5	16QAM	1	0	20.79	20.63	20.55	22	1
5	16QAM	1	12	20.78	20.64	20.63		
5	16QAM	1	24	20.66	20.49	20.71		
5	16QAM	12	0	19.63	19.58	19.61	21	2
5	16QAM	12	7	19.48	19.52	19.39		
5	16QAM	12	13	19.43	19.38	19.41		
5	16QAM	25	0	19.45	19.54	19.37		
5	64QAM	1	0	19.49	19.64	19.53	21	2
5	64QAM	1	12	19.75	19.60	19.50		
5	64QAM	1	24	19.53	19.72	19.60		
5	64QAM	12	0	18.47	18.42	18.34	20	3
5	64QAM	12	7	18.36	18.54	18.54		
5	64QAM	12	13	18.45	18.52	18.56		
5	64QAM	25	0	18.41	18.48	18.53		
5	256QAM	1	0	16.66	16.52	16.69	18	5
5	256QAM	1	12	16.63	16.66	16.47		
5	256QAM	1	24	16.55	16.51	16.40		
5	256QAM	12	0	16.58	16.53	16.53	18	5
5	256QAM	12	7	16.47	16.46	16.44		
5	256QAM	12	13	16.62	16.62	16.44		
5	256QAM	25	0	16.43	16.50	16.41		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.60	21.64	21.57	23	0
3	QPSK	1	8	21.44	21.45	21.30		
3	QPSK	1	14	21.38	21.56	21.38		
3	QPSK	8	0	20.46	20.56	20.47	22	1
3	QPSK	8	4	20.46	20.43	20.39		
3	QPSK	8	7	20.26	20.46	20.43		
3	QPSK	15	0	20.46	20.44	20.35		
3	16QAM	1	0	20.79	20.60	20.54	22	1
3	16QAM	1	8	20.74	20.62	20.60		
3	16QAM	1	14	20.64	20.57	20.75		
3	16QAM	8	0	19.60	19.52	19.55	21	2
3	16QAM	8	4	19.55	19.58	19.37		
3	16QAM	8	7	19.39	19.40	19.44		
3	16QAM	15	0	19.48	19.46	19.44		
3	64QAM	1	0	19.52	19.57	19.49	21	2
3	64QAM	1	8	19.66	19.65	19.55		
3	64QAM	1	14	19.49	19.63	19.67		
3	64QAM	8	0	18.44	18.47	18.33	20	3
3	64QAM	8	4	18.44	18.49	18.54		
3	64QAM	8	7	18.41	18.49	18.59		
3	64QAM	15	0	18.38	18.52	18.47		
3	256QAM	1	0	16.68	16.58	16.70	18	5
3	256QAM	1	8	16.65	16.60	16.52		
3	256QAM	1	14	16.60	16.59	16.46		
3	256QAM	8	0	16.55	16.55	16.49	18	5
3	256QAM	8	4	16.45	16.37	16.46		
3	256QAM	8	7	16.59	16.61	16.46		
3	256QAM	15	0	16.41	16.37	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.56	21.56	21.52	23	0
1.4	QPSK	1	3	21.43	21.44	21.35		
1.4	QPSK	1	5	21.46	21.54	21.38		
1.4	QPSK	3	0	21.56	21.56	21.52		
1.4	QPSK	3	1	21.43	21.44	21.35		
1.4	QPSK	3	3	21.46	21.54	21.38		
1.4	QPSK	6	0	20.39	20.52	20.35	22	1
1.4	16QAM	1	0	20.76	20.67	20.57	22	1
1.4	16QAM	1	3	20.76	20.60	20.69		
1.4	16QAM	1	5	20.60	20.54	20.77		
1.4	16QAM	3	0	20.39	20.52	20.35		
1.4	16QAM	3	1	20.76	20.67	20.57		
1.4	16QAM	3	3	20.76	20.60	20.69		
1.4	16QAM	6	0	20.60	20.54	20.77	21	2
1.4	64QAM	1	0	19.55	19.62	19.51	21	2
1.4	64QAM	1	3	19.73	19.56	19.59		
1.4	64QAM	1	5	19.50	19.59	19.62		
1.4	64QAM	3	0	19.55	19.62	19.51		
1.4	64QAM	3	1	19.73	19.56	19.59		
1.4	64QAM	3	3	19.50	19.59	19.62		
1.4	64QAM	6	0	18.43	18.49	18.43	20	3
1.4	256QAM	1	0	16.62	16.57	16.64	18	5
1.4	256QAM	1	3	16.64	16.66	16.49		
1.4	256QAM	1	5	16.62	16.53	16.47		
1.4	256QAM	3	0	16.53	16.55	16.57		
1.4	256QAM	3	1	16.50	16.42	16.42		
1.4	256QAM	3	3	16.62	16.63	16.49		
1.4	256QAM	6	0	16.44	16.48	16.41	18	5

Band 4 Ant1

BW [MHz]	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	21.74	21.84	21.80	23	0
20	QPSK	1	49	21.78	21.82	21.76		
20	QPSK	1	99	21.69	21.77	21.74		
20	QPSK	50	0	20.89	20.90	20.68		
20	QPSK	50	24	20.74	20.88	20.87	22	1
20	QPSK	50	50	20.68	20.79	20.80		
20	QPSK	100	0	20.70	20.84	20.66		
20	16QAM	1	0	20.89	20.83	20.92		
20	16QAM	1	49	20.93	20.79	20.78	22	1
20	16QAM	1	99	20.76	20.87	20.94		
20	16QAM	50	0	19.82	19.83	19.86		
20	16QAM	50	24	19.81	19.92	19.81	21	2
20	16QAM	50	50	19.95	19.79	19.92		
20	16QAM	100	0	19.86	19.80	19.93		
20	64QAM	1	0	19.80	19.84	19.82		
20	64QAM	1	49	19.72	19.73	19.92	21	2
20	64QAM	1	99	19.91	19.91	19.83		
20	64QAM	50	0	18.76	18.88	18.80		
20	64QAM	50	24	18.80	18.88	18.82	20	3
20	64QAM	50	50	18.90	18.75	18.80		
20	64QAM	100	0	18.85	18.85	18.79		
20	256QAM	1	0	16.96	16.86	16.80		
20	256QAM	1	49	16.74	16.94	16.76	18	5
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84		
20	256QAM	50	24	16.92	16.96	16.77	18	5
20	256QAM	50	50	16.76	16.86	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.52	21.56	21.54	23	0
15	QPSK	1	37	21.45	21.37	21.36		
15	QPSK	1	74	21.43	21.59	21.37		
15	QPSK	36	0	20.51	20.49	20.45	22	1
15	QPSK	36	20	20.40	20.50	20.38		
15	QPSK	36	39	20.30	20.48	20.46		
15	QPSK	75	0	20.37	20.49	20.30		
15	16QAM	1	0	20.81	20.63	20.60	22	1
15	16QAM	1	37	20.74	20.61	20.66		
15	16QAM	1	74	20.64	20.54	20.68		
15	16QAM	36	0	19.62	19.57	19.59	21	2
15	16QAM	36	20	19.54	19.55	19.38		
15	16QAM	36	39	19.45	19.45	19.46		
15	16QAM	75	0	19.44	19.55	19.41		
15	64QAM	1	0	19.57	19.57	19.54	21	2
15	64QAM	1	37	19.72	19.61	19.56		
15	64QAM	1	74	19.50	19.61	19.64		
15	64QAM	36	0	18.45	18.47	18.35	20	3
15	64QAM	36	20	18.38	18.46	18.50		
15	64QAM	36	39	18.47	18.50	18.55		
15	64QAM	75	0	18.39	18.47	18.50		
15	256QAM	1	0	16.65	16.54	16.66	18	5
15	256QAM	1	37	16.64	16.58	16.50		
15	256QAM	1	74	16.60	16.55	16.46		
15	256QAM	36	0	16.59	16.52	16.56	18	5
15	256QAM	36	20	16.49	16.39	16.46		
15	256QAM	36	39	16.63	16.59	16.44		
15	256QAM	75	0	16.41	16.51	16.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.57	21.63	21.51	23	0
10	QPSK	1	25	21.38	21.43	21.37		
10	QPSK	1	49	21.46	21.54	21.33		
10	QPSK	25	0	20.46	20.55	20.42	22	1
10	QPSK	25	12	20.44	20.42	20.40		
10	QPSK	25	25	20.26	20.47	20.49		
10	QPSK	50	0	20.47	20.51	20.35		
10	16QAM	1	0	20.76	20.61	20.62	22	1
10	16QAM	1	25	20.72	20.66	20.67		
10	16QAM	1	49	20.58	20.58	20.73		
10	16QAM	25	0	19.58	19.56	19.58	21	2
10	16QAM	25	12	19.53	19.58	19.36		
10	16QAM	25	25	19.47	19.38	19.40		
10	16QAM	50	0	19.49	19.55	19.42		
10	64QAM	1	0	19.56	19.65	19.47	21	2
10	64QAM	1	25	19.71	19.61	19.57		
10	64QAM	1	49	19.51	19.61	19.60		
10	64QAM	25	0	18.45	18.44	18.30	20	3
10	64QAM	25	12	18.39	18.47	18.57		
10	64QAM	25	25	18.47	18.48	18.61		
10	64QAM	50	0	18.42	18.56	18.44		
10	256QAM	1	0	16.66	16.53	16.69	18	5
10	256QAM	1	25	16.58	16.60	16.51		
10	256QAM	1	49	16.60	16.53	16.40		
10	256QAM	25	0	16.61	16.54	16.57	18	5
10	256QAM	25	12	16.58	16.41	16.47		
10	256QAM	25	25	16.62	16.65	16.48		
10	256QAM	50	0	16.39	16.50	16.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.58	21.54	21.54	23	0
5	QPSK	1	12	21.36	21.40	21.34		
5	QPSK	1	24	21.42	21.55	21.40		
5	QPSK	12	0	20.52	20.49	20.44	22	1
5	QPSK	12	7	20.38	20.49	20.33		
5	QPSK	12	13	20.32	20.45	20.51		
5	QPSK	25	0	20.42	20.50	20.31		
5	16QAM	1	0	20.72	20.70	20.56	22	1
5	16QAM	1	12	20.73	20.61	20.67		
5	16QAM	1	24	20.60	20.49	20.69		
5	16QAM	12	0	19.60	19.54	19.54	21	2
5	16QAM	12	7	19.54	19.61	19.42		
5	16QAM	12	13	19.43	19.45	19.46		
5	16QAM	25	0	19.42	19.46	19.37		
5	64QAM	1	0	19.52	19.64	19.48	21	2
5	64QAM	1	12	19.73	19.63	19.57		
5	64QAM	1	24	19.52	19.68	19.58		
5	64QAM	12	0	18.49	18.43	18.37	20	3
5	64QAM	12	7	18.41	18.52	18.50		
5	64QAM	12	13	18.48	18.45	18.61		
5	64QAM	25	0	18.39	18.45	18.43		
5	256QAM	1	0	16.61	16.55	16.64	18	5
5	256QAM	1	12	16.57	16.63	16.47		
5	256QAM	1	24	16.58	16.52	16.41		
5	256QAM	12	0	16.59	16.48	16.54	18	5
5	256QAM	12	7	16.46	16.41	16.52		
5	256QAM	12	13	16.64	16.65	16.49		
5	256QAM	25	0	16.43	16.51	16.46		
Channel				19963	20175	20387	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.60	21.61	21.49	23	0
3	QPSK	1	8	21.41	21.36	21.36		
3	QPSK	1	14	21.40	21.60	21.40		
3	QPSK	8	0	20.47	20.55	20.44	22	1
3	QPSK	8	4	20.44	20.50	20.38		
3	QPSK	8	7	20.33	20.47	20.50		
3	QPSK	15	0	20.41	20.51	20.36		
3	16QAM	1	0	20.78	20.62	20.52	22	1
3	16QAM	1	8	20.72	20.61	20.60		
3	16QAM	1	14	20.61	20.54	20.76		
3	16QAM	8	0	19.56	19.55	19.57	21	2
3	16QAM	8	4	19.48	19.58	19.40		
3	16QAM	8	7	19.42	19.47	19.43		
3	16QAM	15	0	19.46	19.51	19.39		
3	64QAM	1	0	19.54	19.57	19.51	21	2
3	64QAM	1	8	19.74	19.61	19.54		
3	64QAM	1	14	19.44	19.65	19.62		
3	64QAM	8	0	18.49	18.48	18.38	20	3
3	64QAM	8	4	18.41	18.51	18.53		
3	64QAM	8	7	18.44	18.51	18.61		
3	64QAM	15	0	18.40	18.53	18.46		
3	256QAM	1	0	16.70	16.57	16.65	18	5
3	256QAM	1	8	16.64	16.62	16.53		
3	256QAM	1	14	16.56	16.57	16.46		
3	256QAM	8	0	16.58	16.51	16.52	18	5
3	256QAM	8	4	16.47	16.38	16.44		
3	256QAM	8	7	16.59	16.62	16.45		
3	256QAM	15	0	16.38	16.49	16.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.50	21.46	21.42	23	0
1.4	QPSK	1	3	21.37	21.34	21.23		
1.4	QPSK	1	5	21.34	21.49	21.33		
1.4	QPSK	3	0	21.52	21.51	21.40		
1.4	QPSK	3	1	21.35	21.32	21.28		
1.4	QPSK	3	3	21.39	21.45	21.29		
1.4	QPSK	6	0	20.27	20.47	20.28	22	1
1.4	16QAM	1	0	20.70	20.61	20.48	22	1
1.4	16QAM	1	3	20.72	20.56	20.63		
1.4	16QAM	1	5	20.49	20.42	20.72		
1.4	16QAM	3	0	20.27	20.44	20.31		
1.4	16QAM	3	1	20.73	20.60	20.45		
1.4	16QAM	3	3	20.72	20.54	20.60		
1.4	16QAM	6	0	20.55	20.42	20.67	21	2
1.4	64QAM	1	0	19.48	19.54	19.47	21	2
1.4	64QAM	1	3	19.62	19.50	19.54		
1.4	64QAM	1	5	19.46	19.51	19.52		
1.4	64QAM	3	0	19.47	19.53	19.47		
1.4	64QAM	3	1	19.65	19.43	19.50		
1.4	64QAM	3	3	19.44	19.53	19.54		
1.4	64QAM	6	0	18.38	18.44	18.33	20	3
1.4	256QAM	1	0	16.57	16.53	16.52	18	5
1.4	256QAM	1	3	16.60	16.57	16.42		
1.4	256QAM	1	5	16.58	16.44	16.42		
1.4	256QAM	3	0	16.40	16.47	16.47		
1.4	256QAM	3	1	16.38	16.31	16.36		
1.4	256QAM	3	3	16.57	16.54	16.41		
1.4	256QAM	6	0	16.34	16.37	16.37	18	5

Band 7 Ant1

BW [MHz]	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	21.83	21.85	21.72	23	0
20	QPSK	1	49	21.69	21.79	21.57		
20	QPSK	1	99	21.77	21.78	21.53		
20	QPSK	50	0	20.68	20.88	20.72		
20	QPSK	50	24	20.71	20.79	20.70	22	1
20	QPSK	50	50	20.76	20.80	20.86		
20	QPSK	100	0	20.71	20.85	20.72		
20	16QAM	1	0	20.86	20.92	20.95		
20	16QAM	1	49	21.00	21.05	20.92	22	1
20	16QAM	1	99	20.83	20.86	20.93		
20	16QAM	50	0	19.80	19.85	19.85		
20	16QAM	50	24	19.80	19.86	19.85	21	2
20	16QAM	50	50	19.97	19.72	19.91		
20	16QAM	100	0

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.70	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.99		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.77	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	22.06	21.80		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	22.05	21.89	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.74	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.69	17.85	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.61	17.79		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.62	21.80		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.65	20.75	20.79		
10	16QAM	50	0	20.83	20.76	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.69	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.77	17.77	17.88	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.08	22.06	22.12	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.76	20.80	20.84		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	21.00	20.93		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.96	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.86		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.90	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.80	17.78	17.65	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	23.06	23.08	23.00		
20	QPSK	1	49	23.00	23.02	22.89	24	0
20	QPSK	1	99	23.01	23.06	22.84		
20	QPSK	50	0	22.14	22.15	22.12		
20	QPSK	50	24	22.14	22.13	22.14	23	1
20	QPSK	50	50	22.10	22.02	22.13		
20	QPSK	100	0	22.02	22.03	22.05		
20	16QAM	1	0	22.24	22.28	22.21		
20	16QAM	1	49	22.21	22.38	22.41	23	1
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22	2
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.32	21.20	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22	2
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21	3
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19	5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19	5
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95		
15	QPSK	1	37	22.95	22.92	22.82	24	0
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01		
15	QPSK	36	20	22.07	22.00	22.02	23	1
15	QPSK	36	39	21.97	22.04	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17		
15	16QAM	1	37	22.15	22.31	22.35	23	1
15	16QAM	1	74	22.10	22.25	22.16		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22	2
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	20.97	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22	2
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.01	19.95	19.95	21	3
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.15	18.14	19	5
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19	5
15	256QAM	36	39	18.04	17.97	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	22.96		
10	QPSK	1	25	22.93	22.96	22.85	24	0
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00		
10	QPSK	25	12	22.05	22.04	22.09	23	1
10	QPSK	25	25	22.05	21.97	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13		
10	16QAM	1	25	22.13	22.33	22.32	23	1
10	16QAM	1	49	22.12	22.22	22.18		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	20.91	20.87	21.02	22	2
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22	2
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21	3
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19	5
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	17.84	17.98	17.91	19	5
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88		
5	QPSK	1	12	22.91	22.97	22.80	24	0
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03		
5	QPSK	12	7	22.06	22.09	22.11	23	1
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09		
5	16QAM	1	12	22.12	22.29	22.34	23	1
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22	2
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22	2
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21	3
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19	5
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19	5
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94		
3	QPSK	1	8	22.94	22.93	22.77	24	0
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.02	22.08		
3	QPSK	8	4	22.03	22.03	22.06	23	1
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.14	21.96	22.17		
3	16QAM	1	8	22.11	22.33	22.35	23	1
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.96	21.00	22	2
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.04	21.05	22	2
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21	3
3	64QAM	8	7	20.02	20.06	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19	5
3	256QAM	1	14	18.16	18.06	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19	5
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.97	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55		
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58	24	0
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77		
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98	23	1
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22	2
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.83	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.66	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67	19	5
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19	5

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92		
20	QPSK	1	49	22.95	23.13	22.73	24	0
20	QPSK	1	99	22.94	23.04	22.91		
20	QPSK	50	0	21.89	21.97	21.92		
20	QPSK	50	24	21.83	21.76	21.95	23	1
20	QPSK	50	50	21.91	21.89	21.82		
20	QPSK	100	0	21.76	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38		
20	16QAM	1	49	22.34	22.44	22.38	23	1
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM	50	24	21.06	21.05	21.06	22	2
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0

Band 2 Ant9

BW [MHz]	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	22.74	22.89	22.70		
20	QPSK	1	49	22.63	22.76	22.56	24	0
20	QPSK	1	99	22.59	22.74	22.57		
20	QPSK	50	0	21.66	21.88	21.79		
20	QPSK	50	24	21.69	21.84	21.78	23	1
20	QPSK	50	50	21.74	21.77	21.69		
20	QPSK	100	0	21.67	21.82	21.76		
20	16QAM	1	0	22.00	22.04	21.95		
20	16QAM	1	49	21.93	21.93	21.95	23	1
20	16QAM	1	99	22.16	21.96	21.98		
20	16QAM	50	0	20.69	20.79	20.89		
20	16QAM	50	24	20.87	20.72	20.78	22	2
20	16QAM	50	50	20.87	20.87	20.86		
20	16QAM	100	0	20.84	20.77	20.70		
20	64QAM	1	0	20.85	20.98	20.87		
20	64QAM	1	49	21.07	21.06	20.92	22	2
20	64QAM	1	99	20.98	21.09	20.88		
20	64QAM	50	0	19.90	19.79	19.86		
20	64QAM	50	24	19.70	19.79	19.89	21	3
20	64QAM	50	50	19.92	19.69	19.72		
20	64QAM	100	0	19.85	19.80	19.87		
20	256QAM	1	0	17.76	17.87	17.84		
20	256QAM	1	49	17.89	17.83	17.82	19	5
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62		
20	256QAM	50	24	17.84	17.87	17.63	19	5
20	256QAM	50	50	17.73	17.77	17.87		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.67	22.82	22.64		
15	QPSK	1	37	22.68	22.82	22.52	24	0
15	QPSK	1	74	22.54	22.79	22.48		
15	QPSK	36	0	21.60	21.84	21.73		
15	QPSK	36	20	21.58	21.78	21.72	23	1
15	QPSK	36	39	21.62	21.84	21.61		
15	QPSK	75	0	21.62	21.69	21.67		
15	16QAM	1	0	21.90	21.92	21.84		
15	16QAM	1	37	21.89	21.85	21.86	23	1
15	16QAM	1	74	22.03	21.85	21.87		
15	16QAM	36	0	20.61	20.72	20.63		
15	16QAM	36	20	20.74	20.67	20.67	22	2
15	16QAM	36	39	20.74	20.84	20.80		
15	16QAM	75	0	20.74	20.74	20.65		
15	64QAM	1	0	20.80	20.93	20.84		
15	64QAM	1	37	21.02	20.99	20.85	22	2
15	64QAM	1	74	20.85	20.97	20.76		
15	64QAM	36	0	19.82	19.72	19.75		
15	64QAM	36	20	19.58	19.69	19.84	21	3
15	64QAM	36	39	19.86	19.59	19.65		
15	64QAM	75	0	19.81	19.68	19.75		
15	256QAM	1	0	17.67	17.82	17.81		
15	256QAM	1	37	17.83	17.79	17.74	19	5
15	256QAM	1	74	17.75	17.72	17.64		
15	256QAM	36	0	17.81	17.68	17.50		
15	256QAM	36	20	17.79	17.81	17.56	19	5
15	256QAM	36	39	17.67	17.64	17.83		
15	256QAM	75	0	17.81	17.73	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.69	22.80	22.62		
10	QPSK	1	25	22.55	22.72	22.53	24	0
10	QPSK	1	49	22.56	22.80	22.48		
10	QPSK	25	0	21.62	21.75	21.70		
10	QPSK	25	12	21.59	21.77	21.74	23	1
10	QPSK	25	25	21.61	21.70	21.65		
10	QPSK	50	0	21.64	21.75	21.71		
10	16QAM	1	0	21.96	22.00	21.92		
10	16QAM	1	25	21.81	21.82	21.91	23	1
10	16QAM	1	49	22.01	21.84	21.95		
10	16QAM	25	0	20.60	20.66	20.58		
10	16QAM	25	12	20.76	20.62	20.71	22	2
10	16QAM	25	25	20.80	20.79	20.74		
10	16QAM	50	0	20.73	20.65	20.60		
10	64QAM	1	0	20.80	20.94	20.82		
10	64QAM	1	25	20.98	21.02	20.80	22	2
10	64QAM	1	49	20.89	21.01	20.82		
10	64QAM	25	0	19.84	19.75	19.74		
10	64QAM	25	12	19.60	19.67	19.80	21	3
10	64QAM	25	25	19.88	19.63	19.65		
10	64QAM	50	0	19.76	19.71	19.82		
10	256QAM	1	0	17.73	17.79	17.80		
10	256QAM	1	25	17.83	17.77	17.78	19	5
10	256QAM	1	49	17.77	17.67	17.69		
10	256QAM	25	0	17.73	17.66	17.55		
10	256QAM	25	12	17.74	17.67	17.82	19	5
10	256QAM	25	25	17.66	17.63	17.82		
10	256QAM	50	0	17.82	17.72	17.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.61	22.76	22.58		
5	QPSK	1	12	22.50	22.66	22.48	24	0
5	QPSK	1	24	22.46	22.77	22.48		
5	QPSK	12	0	21.58	21.82	21.66		
5	QPSK	12	7	21.57	21.76	21.71	23	1
5	QPSK	12	13	21.62	21.69	21.57		
5	QPSK	25	0	21.55	21.76	21.70		
5	16QAM	1	0	21.90	21.97	21.86		
5	16QAM	1	12	21.86	21.81	21.91	23	1
5	16QAM	1	24	22.10	21.88	21.88		
5	16QAM	12	0	20.58	20.70	20.64		
5	16QAM	12	7	20.76	20.62	20.73	22	2
5	16QAM	12	13	20.80	20.79	20.81		
5	16QAM	25	0	20.77	20.64	20.58		
5	64QAM	1	0	20.74	20.87	20.78		
5	64QAM	1	12	20.95	20.97	20.83	22	2
5	64QAM	1	24	20.98	20.77	20.84		
5	64QAM	12	0	19.87	19.70	19.83		
5	64QAM	12	7	19.60	19.73	19.78	21	3
5	64QAM	12	13	19.89	19.63	19.62		
5	64QAM	25	0	19.78	19.72	19.75		
5	256QAM	1	0	17.68	17.83	17.73		
5	256QAM	1	12	17.78	17.71	17.75	19	5
5	256QAM	1	24	17.75	17.71	17.65		
5	256QAM	12	0	17.74	17.71	17.58		
5	256QAM	12	7	17.73	17.83	17.58	19	5
5	256QAM	12	13	17.67	17.63	17.74		
5	256QAM	25	0	17.79	17.73	17.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.64	22.83	22.60		
3	QPSK	1	8	22.54	22.67	22.51	24	0
3	QPSK	1	14	22.54	22.80	22.53		
3	QPSK	8	0	21.58	21.85	21.76		
3	QPSK	8	4	21.60	21.72	21.67	23	1
3	QPSK	8	7	21.69	21.71	21.62		
3	QPSK	15	0	21.59	21.71	21.63		
3	16QAM	1	0	21.91	22.01	21.89		
3	16QAM	1	8	21.81	21.89	21.87	23	1
3	16QAM	1	14	22.12	21.92	21.90		
3	16QAM	8	0	20.66	20.71	20.64		
3	16QAM	8	4	20.80	20.90	20.70	22	2
3	16QAM	8	7	20.82	20.82	20.80		
3	16QAM	15	0	20.80	20.65	20.60		
3	64QAM	1	0	20.76	20.95	20.79		
3	64QAM	1	8	20.95	21.02	20.84	22	2
3	64QAM	1	14	20.87	21.05	20.76		
3	64QAM	8	0	19.80	19.74	19.83		
3	64QAM	8	4	19.57	19.72	19.81	21	3
3	64QAM	8	7	19.97	19.62	19.66		
3	64QAM	15	0	19.77	19.71	19.79		
3	256QAM	1	0	17.74	17.83	17.77		
3	256QAM	1	8	17.85	17.80	17.73	19	5
3	256QAM	1	14	17.78	17.70	17.70		
3	256QAM	8	0	17.80	17.64	17.51		
3	256QAM	8	4	17.74	17.81	17.52	19	5
3	256QAM	8	7	17.70	17.65	17.84		
3	256QAM	15	0	17.79	17.68	17.59		
Channel				18907	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.71	22.83	22.57		
1.4	QPSK	1	3	22.60	22.67	22.48		
1.4	QPSK	1	5	22.48	22.76	22.50	24	0
1.4	QPSK	3	0	22.71	22.83	22.57		
1.4	QPSK	3	1	22.60	22.67	22.48		
1.4	QPSK	3	3	22.48	22.76	22.50		
1.4	QPSK	6	0	21.64	21.78	21.68	23	1
1.4	16QAM	1	0	21.91	22.01	21.84		
1.4	16QAM	1	3	21.83	21.85	21.90		
1.4	16QAM	1	5	22.06	21.89	21.87	23	1
1.4	16QAM	3	0	21.91	22.01	21.84		
1.4	16QAM	3	1	21.83	21.85	21.90		
1.4	16QAM	3	3	22.06	21.89	21.87		
1.4	16QAM	6	0	20.80	20.73	20.63	22	2
1.4	64QAM	1	0	20.75	20.88	20.79		
1.4	64QAM	1	3	21.01	21.02	20.82		
1.4	64QAM	1	5	20.95	20.96	20.80	22	2
1.4	64QAM	3	0	20.75	20.88	20.79		
1.4	64QAM	3	1	21.01	21.02	20.82		
1.4	64QAM	3	3	20.95	20.96	20.80		
1.4	64QAM	6	0	19.74	19.75	19.81	21	3
1.4	256QAM	1	0	17.72	17.77	17.74		
1.4	256QAM	1	3	17.84	17.72	17.76		
1.4	256QAM	1	5	17.78	17.72	17.64	19	5
1.4	256QAM	3	0	17.80	17.66	17.51		
1.4	256QAM	3	1	17.72	17.77	17.59		
1.4	256QAM	3	3	17.68	17.62	17.84		
1.4	256QAM	6	0	17.80	17.72	17.61	19	5

Band 4 Ant9

BW [MHz]	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	23.01	23.07	22.99		
20	QPSK	1	49	22.84	22.97	22.81	24	0
20	QPSK	1	99	23.06	22.85	22.93		
20	QPSK	50	0	22.02	22.08	22.00		
20	QPSK	50	24	21.98	21.97	21.97	23	1
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.86	22.03	21.85		
20	16QAM	1	0	22.37	22.37	22.42		
20	16QAM	1	49	22.39	22.47	22.30	23	1
20	16QAM	1	99	22.29	22.28	22.35		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22	2
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.24	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22	2
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.02	20.16	21	3
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19	5
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19	5
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.70	22.84	22.65		
15	QPSK	1	37	22.58	22.82	22.48	24	0
15	QPSK	1	74	22.50	22.80	22.54		
15	QPSK	36	0	21.59	21.77	21.74		
15	QPSK	36	20	21.61	21.76	21.67	23	1
15	QPSK	36	39	21.62	21.85	21.62		
15	QPSK	75	0	21.61	21.76	21.66		
15	16QAM	1	0	21.90	21.95	21.83		
15	16QAM	1	37	21.89	21.84	21.86	23	1
15	16QAM	1	74	22.06	21.85	21.87		
15	16QAM	36	0	20.65	20.74	20.59		
15	16QAM	36	20	20.83	20.83	20.71	22	2
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.84	20.64		
15	64QAM	1	0	20.76	20.94	20.84		
15	64QAM	1	37	20.99	20.99	20.89	22	2
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74		
15	64QAM	36	20	19.58	19.71	19.83	21	3
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77		
15	256QAM	1	37	17.80	17.76	17.77	19	5
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51		
15	256QAM	36	20	17.72	17.72	17.51	19	5
15	256QAM	36	39	17.89	17.63	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.66	22.85	22.73		
10	QPSK	1	25	22.58	22.69	22.44	24	0
10	QPSK	1	49	22.51	22.76	22.52		
10	QPSK	25	0	21.55	21.82	21.67		
10	QPSK	25	12	21.60	21.76	21.68	23	1
10	QPSK	25	25	21.65	21.81	21.59		
10	QPSK	50	0	21.64	21.69	21.68		
10	16QAM	1	0	21.92	21.93	21.83		
10	16QAM	1	25	21.85	21.83	21.88	23	1
10	16QAM	1	49	22.06	21.91	21.94		
10	16QAM	25	0	20.62	20.73	20.58		
10	16QAM	25	12	20.78	20.60	20.74	22	2
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.68	20.59		
10	64QAM	1	0	20.78	20.91	20.77		
10	64QAM	1	25	20.96	20.93	20.82	22	2
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76		
10	64QAM	25	12	19.66	19.75	19.79	21	3
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81		
10	256QAM	1	25	17.78	17.74	17.71	19	5
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55		
10	256QAM	25	12	17.78	17.71	17.59	19	5
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.84	22.58		
5	QPSK	1	12	22.59	22.71	22.49	24	0
5	QPSK	1	24	22.55	22.84	22.52		
5	QPSK	12	0	21.57	21.80	21.75		
5	QPSK	12	7	21.57	21.76	21.68	23	1
5	QPSK	12	13	21.70	21.66	21.61		
5	QPSK	25	0	21.60	21.71	21.71		
5	16QAM	1	0	21.94	21.96	21.85		
5	16QAM	1	12	21.86	21.82	21.91	23	1
5	16QAM	1	24	22.10	21.87	21.90		
5	16QAM	12	0	20.63	20.70	20.56		
5	16QAM	12	7	20.76	20.62	20.72	22	2
5	16QAM	12	13	20.80	20.78	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79		
5	64QAM	1	12	21.04	20.96	20.84	22	2
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74		
5	64QAM	12	7	19.61	19.68	19.85	21	3
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.75	19.76		
5	256QAM	1	0	17.74	17.82	17.75		
5	256QAM	1	12	17.82	17.77	17.70	19	5
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55		
5	256QAM	12	7	17.75	17.77	17.54	19	5
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.62	22.79	22.65		
3	QPSK	1	8	22.54	22.71	22.50	24	0
3	QPSK	1	14	22.52	22.79	22.48		
3	QPSK	8	0	21.60	21.82	21.71		
3	QPSK	8	4	21.56	21.71	21.68	23	1
3	QPSK	8	7	21.66	21.70	21.61		
3	QPSK	15	0	21.61	21.70	21.68		
3	16QAM	1	0	21.91	21.92	21.92		
3	16QAM	1	8	21.82	21.90	21.82	23	1
3	16QAM	1	14	22.12	21.84	21.85		
3	16QAM	8	0	20.61	20.67	20.66		
3	16QAM	8	4	20.78	20.90	20.73	22	2
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78		
3	64QAM	1	8	20.97	21.01	20.80	22	2
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75		
3	64QAM	8	4	19.61	19.71	19.83	21	3
3	64QAM	8	7	19.80	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78		
3	256QAM	1	8	17.83	17.80	17.76	19	5
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59		
3	256QAM	8	4	17.71	17.79	17.51	19	5
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.82	17.68	17.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.76	22.46		
1.4	QPSK	1	3	22.50	22.59	22.45		
1.4	QPSK	1	5	22.40	22.64	22.45	24	0
1.4	QPSK	3	0	22.60	22.75	22.53		
1.4	QPSK	3	1	22.50	22.60	22.37		
1.4	QPSK	3	3	22.38	22.70	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.87	21.88	21.79		
1.4	16QAM	1	3	21.72	21.74	21.86		
1.4	16QAM	1	5	21.96	21.81	21.78	23	1
1.4	16QAM	3	0	21.80	21.96	21.80		
1.4	16QAM	3	1	21.77	21.75	21.78		
1.4	16QAM	3	3	21.99	21.82	21.77		
1.4	16QAM	6	0	20.74	20.63	20.50	22	2
1.4	64QAM	1	0	20.62	20.85	20.72		
1.4	64QAM	1	3	20.90	20.98	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71	22	2
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.86	20.96	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21	3
1.4	256QAM	1	0	17.66	17.69	17.63		
1.4	256QAM	1	3	17.73	17.61	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53	19	5
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	19	5

Band 7 Ant9

BW [MHz]	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	23.21	23.24	23.02		
20	QPSK	1	49	23.19	23.05	22.95	24	0
20	QPSK	1	99	23.02	23.22	22.90		
20	QPSK	50	0	22.03	22.19	22.07		
20	QPSK	50	24	22.08	21.99	22.17	23	1
20	QPSK	50	50	22.07	22.09	22.15		
20	QPSK	100	0	22.06	22.14	22.12		
20	16QAM	1	0	22.53	22.48	22.36		
20	16QAM	1	49	22.54	22.41	22.58	23	1
20	16QAM	1	99	22.43	22.43	22.57		
20	16QAM	50	0	21.09	21.16	21.08		
20	16QAM	50	24	21.11	21.18	21.26	22	2
20	16QAM	50	50	21.10	21.07	21.05		
20	16QAM	100	0

Reduced Power Mode for ECI2_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
5	Channel			18700	18900	19100		
	Frequency (MHz)			1860	1880	1900		
20	QPSK	1	0	21.18	21.24	21.21		
20	QPSK	1	49	21.15	21.14	21.17	22.5	0
20	QPSK	1	99	21.15	21.04	21.11		
20	QPSK	50	0	20.34	20.39	20.17		
20	QPSK	50	24	20.16	20.25	20.16	21.5	1
20	QPSK	50	50	20.20	20.19	20.29		
20	QPSK	100	0	20.35	20.37	20.20		
20	16QAM	1	0	20.19	20.26	20.38		
20	16QAM	1	49	20.11	20.39	20.12	21.5	1
20	16QAM	1	99	20.17	20.20	20.13		
20	16QAM	50	0	19.23	19.36	19.45		
20	16QAM	50	24	19.48	19.39	19.39	20.5	2
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.39	19.33		
20	64QAM	1	49	19.28	19.44	19.38	20.5	2
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33		
20	64QAM	50	24	18.47	18.35	18.51	19.5	3
20	64QAM	50	50	18.26	18.35	18.36		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26		
20	256QAM	1	49	16.37	16.39	16.25	17.5	5
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24		
20	256QAM	50	24	16.21	16.26	16.19	17.5	5
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
15	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	21.10	21.11	21.15		
15	QPSK	1	37	21.06	21.05	21.08	22.5	0
15	QPSK	1	74	21.10	20.99	21.09		
15	QPSK	36	0	20.29	20.27	20.10		
15	QPSK	36	20	20.11	20.17	20.04	21.5	1
15	QPSK	36	39	20.09	20.10	20.25		
15	QPSK	75	0	20.22	20.26	20.22		
15	16QAM	1	0	20.16	20.23	20.29		
15	16QAM	1	37	20.00	20.31	20.03	21.5	1
15	16QAM	1	74	20.11	20.14	20.07		
15	16QAM	36	0	19.32	19.31	19.35		
15	16QAM	36	20	19.37	19.33	19.27	20.5	2
15	16QAM	36	39	19.29	19.32	19.23		
15	16QAM	75	0	19.37	19.30	19.32		
15	64QAM	1	0	19.42	19.27	19.27		
15	64QAM	1	37	19.17	19.38	19.27	20.5	2
15	64QAM	1	74	19.36	19.32	19.25		
15	64QAM	36	0	18.37	18.29	18.24		
15	64QAM	36	20	18.39	18.45	18.46	19.5	3
15	64QAM	36	39	18.20	18.31	18.32		
15	64QAM	75	0	18.27	18.25	18.09		
15	256QAM	1	0	16.13	16.26	16.15		
15	256QAM	1	37	16.27	16.34	16.17	17.5	5
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16		
15	256QAM	36	20	16.15	16.20	16.11	17.5	5
15	256QAM	36	39	16.18	16.25	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
10	Channel			18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1905		
10	QPSK	1	0	21.14	21.16	21.17		
10	QPSK	1	25	21.04	21.08	21.05	22.5	0
10	QPSK	1	49	21.11	20.94	21.05		
10	QPSK	25	0	20.27	20.29	20.05		
10	QPSK	25	12	20.04	20.18	20.04	21.5	1
10	QPSK	25	25	20.08	20.13	20.25		
10	QPSK	50	0	20.27	20.34	20.21		
10	16QAM	1	0	20.15	20.21	20.31		
10	16QAM	1	25	19.99	20.34	20.04	21.5	1
10	16QAM	1	49	20.08	20.16	20.05		
10	16QAM	25	0	19.17	19.28	19.38		
10	16QAM	25	12	19.43	19.28	19.35	20.5	2
10	16QAM	25	25	19.35	19.29	19.24		
10	16QAM	50	0	19.36	19.28	19.27		
10	64QAM	1	0	19.40	19.30	19.27		
10	64QAM	1	25	19.19	19.35	19.33	20.5	2
10	64QAM	1	49	19.36	19.27	19.18		
10	64QAM	25	0	18.32	18.23	18.34		
10	64QAM	25	12	18.42	18.24	18.40	19.5	3
10	64QAM	25	25	18.14	18.24	18.30		
10	64QAM	50	0	18.22	18.28	18.06		
10	256QAM	1	0	16.13	16.24	16.15		
10	256QAM	1	25	16.25	16.33	16.13	17.5	5
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18		
10	256QAM	25	12	16.15	16.18	16.08	17.5	5
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
5	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.15	21.08		
5	QPSK	1	12	21.08	21.01	21.09	22.5	0
5	QPSK	1	24	21.10	20.94	21.07		
5	QPSK	12	0	20.29	20.34	20.04		
5	QPSK	12	7	20.10	20.14	20.07	21.5	1
5	QPSK	12	13	20.07	20.07	20.25		
5	QPSK	25	0	20.22	20.32	20.19		
5	16QAM	1	0	20.09	20.22	20.31		
5	16QAM	1	12	20.01	20.29	20.07	21.5	1
5	16QAM	1	24	20.12	20.15	20.01		
5	16QAM	12	0	19.15	19.32	19.42		
5	16QAM	12	7	19.36	19.32	19.30	20.5	2
5	16QAM	12	13	19.33	19.28	19.32		
5	16QAM	25	0	19.32	19.27	19.33		
5	64QAM	1	0	19.44	19.27	19.22		
5	64QAM	1	12	19.24	19.37	19.33	20.5	2
5	64QAM	1	24	19.37	19.26	19.26		
5	64QAM	12	0	18.38	18.27	18.21		
5	64QAM	12	7	18.35	18.26	18.41	19.5	3
5	64QAM	12	13	18.19	18.31	18.23		
5	64QAM	25	0	18.25	18.27	18.13		
5	256QAM	1	0	16.10	16.33	16.15		
5	256QAM	1	12	16.27	16.34	16.14	17.5	5
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.35	16.26	16.18		
5	256QAM	12	7	16.13	16.15	16.25	17.5	5
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
3	Channel			18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.20	21.14		
3	QPSK	1	8	21.10	21.10	21.05	22.5	0
3	QPSK	1	14	21.07	20.95	21.04		
3	QPSK	8	0	20.28	20.31	20.06		
3	QPSK	8	4	20.06	20.21	20.08	21.5	1
3	QPSK	8	7	20.11	20.15	20.20		
3	QPSK	15	0	20.27	20.24	20.25		
3	16QAM	1	0	20.07	20.16	20.35		
3	16QAM	1	8	20.01	20.33	20.03	21.5	1
3	16QAM	1	14	20.04	20.14	20.03		
3	16QAM	8	0	19.11	19.28	19.34		
3	16QAM	8	4	19.39	19.34	19.27	20.5	2
3	16QAM	8	7	19.28	19.33	19.27		
3	16QAM	15	0	19.31	19.28	19.29		
3	64QAM	1	0	19.35	19.30	19.29		
3	64QAM	1	8	19.24	19.38	19.32	20.5	2
3	64QAM	1	14	19.30	19.28	19.19		
3	64QAM	8	0	18.33	18.26	18.30		
3	64QAM	8	4	18.41	18.29	18.45	19.5	3
3	64QAM	8	7	18.19	18.26	18.30		
3	64QAM	15	0	18.24	18.26	18.04		
3	256QAM	1	0	16.17	16.31	16.17		
3	256QAM	1	8	16.27	16.31	16.14	17.5	5
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20		
3	256QAM	8	4	16.12	16.22	16.16	17.5	5
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.30	16.16	16.07		
1.4	Channel			18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	21.10	21.20	21.13		
1.4	QPSK	1	3	21.11	21.03	21.07		
1.4	QPSK	1	5	21.02	20.98	21.03	22.5	0
1.4	QPSK	3	0	21.02	21.12	21.02		
1.4	QPSK	3	1	21.00	20.97	20.95		
1.4	QPSK	3	3	20.98	20.87	20.95		
1.4	QPSK	6	0	20.25	20.32	20.21	21.5	1
1.4	16QAM	1	0	20.10	20.22	20.27		
1.4	16QAM	1	3	19.99	20.35	20.02		
1.4	16QAM	1	5	20.09	20.16	20.01	21.5	1
1.4	16QAM	3	0	21.06	21.08	20.98		
1.4	16QAM	3	1	20.96	20.91	20.94		
1.4	16QAM	3	3	20.93	20.86	20.86		
1.4	16QAM	6	0	19.33	19.29	19.29	20.5	2
1.4	64QAM	1	0	19.43	19.31	19.27		
1.4	64QAM	1	3	19.16	19.37	19.34		
1.4	64QAM	1	5	19.28	19.26	19.24	20.5	2
1.4	64QAM	3	0	19.35	19.19	19.18		
1.4	64QAM	3	1	19.12	19.32	19.24		
1.4	64QAM	3	3	19.16	19.18	19.16		
1.4	64QAM	6	0	18.23	18.19	18.10	19.5	3
1.4	256QAM	1	0	16.11	16.24	16.20		
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29	17.5	5
1.4	256QAM	3	0	16.34	16.26	16.18		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.5	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
20	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	21.51	21.54	21.49		
20	QPSK	1	49	21.50	21.46	21.41	22.5	0
20	QPSK	1	99	21.52	21.44	21.38		
20	QPSK	50	0	20.56	20.64	20.54		
20	QPSK	50	24	20.50	20.52	20.48	21.5	1
20	QPSK	50	50	20.42	20.49	20.63		
20	QPSK	100	0	20.47	20.62	20.56		
20	16QAM	1	0	20.84	20.79	20.74		
20	16QAM	1	49	20.74	20.67	20.93	21.5	1
20	16QAM	1	99	20.65	20.77	20.79		
20	16QAM	50	0	19.62	19.56	19.64		
20	16QAM	50	24	19.64	19.67	19.61	20.5	2
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92		
20	64QAM	1	49	19.87	19.88	19.88	20.5	2
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70		
20	64QAM	50	24	18.49	18.60	18.58	19.5	3
20	64QAM	50	50	18.53	18.76	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.52	16.57	16.61		
20	256QAM	1	49	16.61	16.71	16.44	17.5	5
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63		
20	256QAM	50	24	16.52	16.40	16.40	17.5	5
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
15	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	21.05	21.15	21.08		
15	QPSK	1	37	21.06	21.03	21.09	22.5	0
15	QPSK	1	74	21.08	20.98	20.99		
15	QPSK	36	0	20.27	20.34	20.08		
15	QPSK	36	20	20.04	20.13	20.08	21.5	1
15	QPSK	36	39	20.13	20.07	20.26		
15	QPSK	75	0	20.28	20.40	20.23		
15	16QAM	1	0	20.10	20.21	20.32		
15	16QAM	1	37	20.00	20.33	20.08	21.5	1
15	16QAM	1	74	20.10	20.12	20.01		
15	16QAM	36	0	19.12	19.31	19.35		
15	16QAM	36	20	19.39	19.36	19.35	20.5	2
15	16QAM	36	39	19.37	19.24	19.25		
15	16QAM	75	0	19.32	19.26	19.30		
15	64QAM	1	0	19.44	19.30	19.21		
15	64QAM	1	37	19.25	19.37	19.26	20.5	2
15	64QAM	1	74	19.32	19.31	19.26		
15	64QAM	36	0	18.34	18.33	18.28		
15	64QAM	36	20	18.36	18.45	18.43	19.5	3
15	64QAM	36	39	18.16	18.32	18.29		
15	64QAM	75	0	18.23	18.18	18.13		
15	256QAM	1	0	16.14	16.26	16.15		
15	256QAM	1	37	16.31	16.34	16.17	17.5	5
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20		
15	256QAM	36	20	16.12	16.18	16.09	17.5	5
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
10	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	21.10	21.11	21.11		
10	QPSK	1	25	21.12	21.04	21.12	22.5	0
10	QPSK	1	49	21.10	20.93	21.03		
10	QPSK	25	0	20.28	20.28	20.13		
10	QPSK	25	12	20.05	20.18	20.11	21.5	1
10	QPSK	25	25	20.16	20.20	20.23		
10	QPSK	50	0	20.23	20.29	20.22		
10	16QAM	1	0	20.15	20.13	20.29		
10	16QAM	1	25	20.01	20.29	20.05	21.5	1
10	16QAM	1	49	20.14	20.13	20.01		
10	16QAM	25	0	19.19	19.31	19.38		
10	16QAM	25	12	19.42	19.31	19.28	20.5	2
10	16QAM	25	25	19.30	19.25	19.21		
10	16QAM	50	0	19.32	19.28	19.27		
10	64QAM	1	0	19.37	19.34	19.21		
10	64QAM	1	25	19.25	19.33	19.26	20.5	2
10	64QAM	1	49	19.36	19.27	19.19		
10	64QAM	25	0	18.33	18.24	18.30		
10	64QAM	25	12	18.36	18.26	18.41	19.5	3
10	64QAM	25	25	18.19	18.25	18.31		
10	64QAM	50	0	18.27	18.23	18.10		
10	256QAM	1	0	16.18	16.27	16.23		
10	256QAM	1	25	16.29	16.30	16.22	17.5	5
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13		
10	256QAM	25	12	16.10	16.14	16.07	17.5	5
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
5	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.21	21.16		
5	QPSK	1	12	21.06	21.06	21.10	22.5	0
5	QPSK	1	24	21.07	20.92	21.02		
5	QPSK	12	0	20.25	20.29	20.07		
5	QPSK	12	7	20.07	20.21	20.03	21.5	1
5	QPSK	12	13	20.08	20.09	20.20		
5	QPSK	25	0	20.24	20.33	20.22		
5	16QAM	1	0	20.14	20.16	20.26		
5	16QAM	1	12	20.03	20.06	20.05	21.5	1
5	16QAM	1	24	20.06	20.14	20.08		
5	16QAM	12	0	19.10	19.32	19.39		
5	16QAM	12	7	19.39	19.29	19.27	20.5	2
5	16QAM	12	13	19.30	19.24	19.23		
5	16QAM	25	0	19.37	19.22	19.32		
5	64QAM	1	0	19.38	19.30	19.28		
5	64QAM	1	12	19.20	19.39	19.27	20.5	2
5	64QAM	1	24	19.35	19.30	19.25		
5	64QAM	12	0	18.31	18.33	18.25		
5	64QAM	12	7	18.38	18.22	18.47	19.5	3
5	64QAM	12	13	18.13	18.23	18.30		
5	64QAM	25	0	18.25	18.27	18.13		
5	256QAM	1	0	16.11	16.32	16.18		
5	256QAM	1	12	16.33	16.27	16.21	17.5	5
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.28	16.13		
5	256QAM	12	7	16.10	16.24	16.16	17.5	5
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
3	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	21.14	21.11	21.11		
3	QPSK	1	8	21.04	21.06	21.04	22.5	0
3	QPSK	1	14	21.04	20.93	21.00		
3	QPSK	8	0	20.28	20.26	20.05		
3	QPSK	8	4	20.08	20.13	20.09	21.5	1
3	QPSK	8	7	20.13	20.15	20.20		
3	QPSK	15	0	20.25	20.33	20.24		
3	16QAM	1	0	20.08	20.20	20.26		
3	16QAM	1	8	20.01	20.30	20.07	21.5	1
3	16QAM	1	14	20.07	20.09	20.02		
3	16QAM	8	0	19.14	19.32	19.39		
3	16QAM	8	4	19.37	19.34	19.31	20.5	2
3	16QAM	8	7	19.29	19.28	19.22		
3	16QAM	15	0	19.37	19.24	19.24		
3	64QAM	1	0	19.44	19.35	19.28		
3	64QAM	1	8	19.16	19.40	19.33	20.5	2
3	64QAM	1	14	19.29	19.33	19.24		
3	64QAM	8	0	18.32	18.34	18.22		
3	64QAM	8	4	18.44	18.32	18.42	19.5	3
3	64QAM	8	7	18.22	18.30	18.22		
3	64QAM	15	0	18.29	18.20	18.13		
3	256QAM	1	0	16.12	16.30	16.18		
3	256QAM	1	8	16.33	16.34	16.21	17.5	5
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.29	16.20		
3	256QAM	8	4	16.09	16.16	16.12	17.5	5
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
1.4	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.17	21.09		
1.4	QPSK	1	3	21.05	21.03	21.06		
1.4	QPSK	1	5	21.04	20.94	20.99	22.5	0
1.4	QPSK	3	0	21.04	21.04	21.02		
1.4	QPSK	3	1	20.93	20.92	20.94		
1.4	QPSK	3	3	20.91	20.84	20.86		
1.4	QPSK	6	0	20.26	20.31	20.25	21.5	1
1.4	16QAM	1	0	20.06	20.18	20.34		
1.4	16QAM	1	3	20.06	20.35	20.04		
1.4	16QAM	1	5	20.07	20.15	20.02	21.5	1
1.4	16QAM	3	0	21.06	21.09	21.02		
1.4	16QAM	3	1	21.01	20.91	20.94		
1.4	16QAM	3	3	20.92	20.89	20.91		
1.4	16QAM	6	0	19.32	19.30	19.30	20.5	2
1.4	64QAM	1	0	19.37	19.29	19.25		
1.4	64QAM	1	3	19.26	19.32	19.33		
1.4	64QAM	1	5	19.36	19.34	19.21	20.5	2
1.4	64QAM	3	0	19.32	19.23	19.15		
1.4	64QAM	3	1	19.09	19.31	19.26		
1.4	64QAM	3	3	19.21	19.17	19.14		
1.4	64QAM	6	0	18.29	18.25	18.08	19.5	3
1.4	256QAM	1	0	16.13	16.25	16.20		
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35	17.5	5
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.5	5

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
20	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	21.21	21.23	21.19		
20	QPSK	1	49	21.17	21.05	21.06	22.5	0
20	QPSK	1	99	20.98	20.96	20.92		
20	QPSK	50	0	20.18	20.25	20.21		
20	QPSK	50	24	20.15	20.03	20.06	21.5	1
20	QPSK	50	50	20.22	20.22	20.17		
20	QPSK	100	0	20.10	20.23	20.14		
20	16QAM

Band 2 Ant1

BW [MHz]	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	15.01	15.04	15.02		
20	QPSK	1	49	15.01	14.94	14.86	16.1	0
20	QPSK	1	99	15.01	14.93	14.92		
20	QPSK	50	0	14.89	15.01	14.84		
20	QPSK	50	24	14.87	14.90	14.82	16.1	0
20	QPSK	50	50	14.87	14.98	14.82		
20	QPSK	100	0	14.96	14.98	14.92		
20	16QAM	1	0	14.92	14.99	14.92		
20	16QAM	1	49	14.91	14.98	14.85	16.1	0
20	16QAM	1	99	14.91	14.95	14.88		
20	16QAM	50	0	14.96	14.93	14.90		
20	16QAM	50	24	14.89	14.93	14.99	16.1	0
20	16QAM	50	50	14.90	14.89	14.97		
20	16QAM	100	0	15.02	14.95	14.88		
20	64QAM	1	0	14.84	14.97	14.87		
20	64QAM	1	49	14.95	14.87	14.98	16.1	0
20	64QAM	1	99	14.98	14.97	14.86		
20	64QAM	50	0	15.01	14.96	14.95		
20	64QAM	50	24	14.95	15.02	14.89	16.1	0
20	64QAM	50	50	14.99	14.85	14.99		
20	64QAM	100	0	14.89	14.90	14.96		
20	256QAM	1	0	14.89	14.84	14.83		
20	256QAM	1	49	14.84	14.95	14.93	16.1	0
20	256QAM	1	99	14.95	14.92	15.02		
20	256QAM	50	0	14.89	14.82	14.83		
20	256QAM	50	24	14.99	15.00	14.91	16.1	0
20	256QAM	50	50	14.82	14.96	14.90		
20	256QAM	100	0	15.00	14.98	14.93		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.98	15.00	14.82		
15	QPSK	1	37	14.88	14.93	14.79	16.1	0
15	QPSK	1	74	14.92	14.75	14.89		
15	QPSK	36	0	14.74	14.82	14.81		
15	QPSK	36	20	14.70	14.73	14.70	16.1	0
15	QPSK	36	39	14.85	14.85	14.65		
15	QPSK	75	0	14.93	14.80	14.74		
15	16QAM	1	0	14.82	14.79	14.71		
15	16QAM	1	37	14.76	14.91	14.74	16.1	0
15	16QAM	1	74	14.75	14.76	14.81		
15	16QAM	36	0	14.77	14.89	14.79		
15	16QAM	36	20	14.77	14.79	14.81	16.1	0
15	16QAM	36	39	14.79	14.77	14.90		
15	16QAM	75	0	14.88	14.76	14.76		
15	64QAM	1	0	14.77	14.93	14.72		
15	64QAM	1	37	14.75	14.82	14.79	16.1	0
15	64QAM	1	74	14.82	14.88	14.82		
15	64QAM	36	0	14.83	14.79	14.85		
15	64QAM	36	20	14.87	14.82	14.82	16.1	0
15	64QAM	36	39	14.78	14.70	14.95		
15	64QAM	75	0	14.81	14.68	14.77		
15	256QAM	1	0	14.71	14.70	14.77		
15	256QAM	1	37	14.78	14.84	14.88	16.1	0
15	256QAM	1	74	14.93	14.77	14.82		
15	256QAM	36	0	14.77	14.73	14.66		
15	256QAM	36	20	14.87	14.94	14.73	16.1	0
15	256QAM	36	39	14.88	14.93	14.79		
15	256QAM	75	0	14.81	14.92	14.73		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.90	14.84	14.88		
10	QPSK	1	25	14.98	14.81	14.89	16.1	0
10	QPSK	1	49	14.98	14.84	14.73		
10	QPSK	25	0	14.71	14.83	14.71		
10	QPSK	25	12	14.74	14.72	14.70	16.1	0
10	QPSK	25	25	14.84	14.78	14.60		
10	QPSK	50	0	14.79	14.83	14.88		
10	16QAM	1	0	14.88	14.92	14.76		
10	16QAM	1	25	14.76	14.95	14.73	16.1	0
10	16QAM	1	49	14.83	14.87	14.79		
10	16QAM	25	0	14.79	14.73	14.83		
10	16QAM	25	12	14.79	14.84	14.93	16.1	0
10	16QAM	25	25	14.81	14.73	14.91		
10	16QAM	50	0	14.88	14.75	14.83		
10	64QAM	1	0	14.75	14.84	14.84		
10	64QAM	1	25	14.78	14.69	14.76	16.1	0
10	64QAM	1	49	14.85	14.80	14.65		
10	64QAM	25	0	14.97	14.86	14.84		
10	64QAM	25	12	14.77	14.97	14.76	16.1	0
10	64QAM	25	25	14.84	14.65	14.84		
10	64QAM	50	0	14.85	14.84	14.83		
10	256QAM	1	0	14.70	14.75	14.86		
10	256QAM	1	25	14.71	14.90	14.90	16.1	0
10	256QAM	1	49	14.79	14.89	14.86		
10	256QAM	25	0	14.71	14.79	14.79		
10	256QAM	25	12	14.85	14.85	14.68	16.1	0
10	256QAM	25	25	14.80	14.77	14.80		
10	256QAM	50	0	14.91	14.86	14.90		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.95	14.84	14.83		
5	QPSK	1	12	14.91	14.87	14.83	16.1	0
5	QPSK	1	24	14.87	14.76	14.84		
5	QPSK	12	0	14.78	14.93	14.68		
5	QPSK	12	7	14.84	14.88	14.88	16.1	0
5	QPSK	12	13	14.75	14.94	14.78		
5	QPSK	25	0	14.76	14.94	14.87		
5	16QAM	1	0	14.86	14.87	14.82		
5	16QAM	1	12	14.71	14.90	14.68	16.1	0
5	16QAM	1	24	14.88	14.83	14.78		
5	16QAM	12	0	14.85	14.75	14.73		
5	16QAM	12	7	14.87	14.73	14.90	16.1	0
5	16QAM	12	13	14.88	14.87	14.87		
5	16QAM	25	0	15.00	14.79	14.78		
5	64QAM	1	0	14.75	14.85	14.79		
5	64QAM	1	12	14.79	14.78	14.95	16.1	0
5	64QAM	1	24	14.85	14.93	14.87		
5	64QAM	12	0	14.92	14.79	14.82		
5	64QAM	12	7	14.88	14.89	14.77	16.1	0
5	64QAM	12	13	14.78	14.65	14.84		
5	64QAM	25	0	14.72	14.94	14.91		
5	256QAM	1	0	14.74	14.63	14.67		
5	256QAM	1	12	14.72	14.87	14.72	16.1	0
5	256QAM	1	24	14.92	14.76	14.82		
5	256QAM	12	0	14.83	14.87	14.76		
5	256QAM	12	7	14.92	14.81	14.76	16.1	0
5	256QAM	12	13	14.62	14.78	14.87		
5	256QAM	25	0	14.93	14.82	14.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.88	14.92	14.94		
3	QPSK	1	8	14.85	14.82	14.80	16.1	0
3	QPSK	1	14	14.96	14.80	14.90		
3	QPSK	8	0	14.73	14.84	14.73		
3	QPSK	8	4	14.67	14.71	14.68	16.1	0
3	QPSK	8	7	14.72	14.87	14.65		
3	QPSK	15	0	14.94	14.87	14.74		
3	16QAM	1	0	14.82	14.96	14.70		
3	16QAM	1	8	14.77	14.77	14.74	16.1	0
3	16QAM	1	14	14.77	14.76	14.67		
3	16QAM	8	0	14.75	14.80	14.83		
3	16QAM	8	4	14.79	14.72	14.88	16.1	0
3	16QAM	8	7	14.74	14.79	14.78		
3	16QAM	15	0	14.97	14.87	14.71		
3	64QAM	1	0	14.74	14.85	14.71		
3	64QAM	1	8	14.92	14.74	14.90	16.1	0
3	64QAM	1	14	14.95	14.83	14.81		
3	64QAM	8	0	14.92	14.86	14.85		
3	64QAM	8	4	14.79	14.81	14.74	16.1	0
3	64QAM	8	7	14.87	14.69	14.81		
3	64QAM	15	0	14.67	14.85	14.81		
3	256QAM	1	0	14.67	14.68	14.68		
3	256QAM	1	8	14.74	14.81	14.88	16.1	0
3	256QAM	1	14	14.85	14.77	14.99		
3	256QAM	8	0	14.86	14.74	14.63		
3	256QAM	8	4	14.89	14.96	14.87	16.1	0
3	256QAM	8	7	14.68	14.80	14.74		
3	256QAM	15	0	14.95	14.89	14.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.83	14.89	14.97		
1.4	QPSK	1	3	14.87	14.78	14.74		
1.4	QPSK	1	5	14.84	14.77	14.86	16.1	0
1.4	QPSK	3	0	14.79	14.87	14.66		
1.4	QPSK	3	1	14.75	14.76	14.78		
1.4	QPSK	3	3	14.69	14.86	14.63		
1.4	QPSK	6	0	14.92	14.77	14.78	16.1	0
1.4	16QAM	1	0	14.89	14.83	14.75		
1.4	16QAM	1	3	14.75	14.83	14.81		
1.4	16QAM	1	5	14.73	14.76	14.70	16.1	0
1.4	16QAM	3	0	14.81	14.82	14.72		
1.4	16QAM	3	1	14.68	14.77	14.80		
1.4	16QAM	3	3	14.70	14.77	14.89		
1.4	16QAM	6	0	14.98	14.77	14.67	16.1	0
1.4	64QAM	1	0	14.82	14.88	14.68		
1.4	64QAM	1	3	14.90	14.68	14.83		
1.4	64QAM	1	5	14.88	14.82	14.74	16.1	0
1.4	64QAM	3	0	14.82	14.90	14.90		
1.4	64QAM	3	1	14.73	14.97	14.72		
1.4	64QAM	3	3	14.86	14.74	14.89		
1.4	64QAM	6	0	14.67	14.81	14.91	16.1	0
1.4	256QAM	1	0	14.80	14.64	14.61		
1.4	256QAM	1	3	14.75	14.92	14.88		
1.4	256QAM	1	5	14.85	14.81	14.92	16.1	0
1.4	256QAM	3	0	14.80	14.68	14.80		
1.4	256QAM	3	1	14.90	14.97	14.75		
1.4	256QAM	3	3	14.80	14.87	14.90		
1.4	256QAM	6	0	14.85	14.79	14.83	16.1	0

Band 4 Ant1

BW [MHz]	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	15.15	15.18	15.08		
20	QPSK	1	49	15.11	15.08	15.04	16.6	0
20	QPSK	1	99	15.04	15.16	15.04		
20	QPSK	50	0	15.09	15.16	15.09		
20	QPSK	50	24	14.99	15.14	15.00	16.6	0
20	QPSK	50	50	15.08	15.15	15.06		
20	QPSK	100	0	15.05	15.14	15.10		
20	16QAM	1	0	15.14	15.15	15.03		
20	16QAM	1	49	15.14	15.07	14.97	16.6	0
20	16QAM	1	99	15.00	15.10	14.99		
20	16QAM	50	0	15.07	15.07	15.11		
20	16QAM	50	24	14.97	15.00	15.03	16.6	0
20	16QAM	50	50	15.11	15.06	15.09		
20	16QAM	100	0	15.13	15.07	15.02		
20	64QAM	1	0	14.84	14.97	14.87		
20	64QAM	1	49	15.08	15.01	15.12	16.6	0
20	64QAM	1	99	15.08	15.15	15.09		
20	64QAM	50	0	15.05	15.12	14.97		
20	64QAM	50	24	15.07	15.04	15.08	16.6	0
20	64QAM	50	50	15.05	15.07	15.15		
20	64QAM	100	0	15.00	14.98	15.09		
20	256QAM	1	0	14.96	14.86	14.80		
20	256QAM	1	49	14.74	14.94	14.76	16.6	0
20	256QAM	1	99	14.85	14.78	14.88		
20	256QAM	50	0	14.81	14.85	14.84		
20	256QAM	50	24	14.92	14.96	14.77	16.6	0
20	256QAM	50	50	14.76	14.86	14.88		
20	256QAM	100	0	14.80	14.88	15.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.50	16.54	16.41		
15	QPSK	1	37	16.54	16.45	16.39	16.6	0
15	QPSK	1	74	16.38	16.59	16.43		
15	QPSK	36	0	16.57	16.46	16.52		
15	QPSK	36	20	16.44	16.47	16.47	16.6	0
15	QPSK	36	39	16.41	16.49	16.47		
15	QPSK	75	0	16.43	16.55	16.52		
15	16QAM	1	0	16.47	16.43	16.38		
15	16QAM	1	37	16.52	16.40	16.41	16.6	0
15	16QAM	1	74	16.43	16.57	16.46		
15	16QAM	36	0	16.51	16.43	16.49		
15	16QAM	36	20	16.34	16.46	16.34	16.6	0
15	16QAM	36	39	16.53	16.49	16.53		
15	16QAM	75	0	16.53	16.56	16.41		
15	64QAM	1	0	16.56	16.49	16.49		
15	64QAM	1	37	16.40	16.46	16.43	16.6	0
15	64QAM	1	74	16.48	16.57	16.55		
15	64QAM	36	0	16.51	16.49	16.36		
15	64QAM	36	20	16.36	16.37	16.46	16.6	0
15	64QAM	36	39	16.52	16.42	16.45		
15	64QAM	75	0	16.47	16.43	16.44		
15	256QAM	1	0	16.15	16.04	16.16		
15	256QAM	1	37	16.14	16.08	16.00	16.6	0
15	256QAM	1	74	16.10	16.05	15.96		
15	256QAM	36	0	16.09	16.02	16.06		
15	256QAM	36	20	15.99	15.89	15.96	16.6	0
15	256QAM	36	39	16.13	16.09	15.94		
15	256QAM	75	0	15.91	16.01	15.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.54	16.55	16.41		
10	QPSK	1	25	16.48	16.47	16.47	16.6	0
10	QPSK	1	49	16.45	16.54	16.39		
10	QPSK	25	0	16.52	16.60	16.50		
10	QPSK	25	12	16.36	16.44	16.41	16.6	0
10	QPSK	25	25	16.41	16.48	16.43		
10	QPSK	50	0	16.48	16.60	16.47		
10	16QAM	1	0	16.57	16.62	16.42		
10	16QAM	1	25	16.62	16.50	16.27	16.6	0
10	16QAM	1	49	16.44	16.59	16.44		
10	16QAM	25	0	16.46	16.53	16.41		
10	16QAM	25	12	16.37	16.42	16.33	16.6	0
10	16QAM	25	25	16.43	16.48	16.41		
10	16QAM	50	0	16.50	16.52	16.42		
10	64QAM	1	0	16.43	16.45	16.59		
10	64QAM	1	25	16.37	16.38	16.59	16.6	0
10	64QAM	1	49	16.45	16.46	16.48		
10	64QAM	25	0	16.51	16.53	16.34		
10	64QAM	25	12	16.52	16.52	16.49	16.6	0
10	64QAM	25	25	16.45	16.44	16.54		
10	64QAM	50	0	16.43	16.32	16.50		
10	256QAM	1	0	16.16	16.03	16.19		
10	256QAM	1	25	16.08	16.10	16.01	16.6	0
10	256QAM	1	49	16.10	16.03	15.90		
10	256QAM	25	0	16.11	16.04	16.07		
10	256QAM	25	12	16.04	16.01	15.97	16.6	0
10	256QAM	25	25	16.12	16.15	15.98		
10	256QAM	50	0	15.89	16.00	15.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1753.5		
5	QPSK	1	0	16.49	16.53	16.55		
5	QPSK	1	12	16.39	16.37	16.48	16.6	0
5	QPSK	1	24	16.48	16.51	16.46		
5	QPSK	12	0	16.55	16.64	16.50		
5	QPSK	12	7	16.37	16.44	16.32	16.6	0
5	QPSK	12	13	16.38	16.52	16.35		
5	QPSK	25	0	16.52	16.46	16.42		
5	16QAM	1	0	16.54	16.61	16.42		
5	16QAM	1	12	16.45	16.48	16.33	16.6	0
5	16QAM	1	24	16.38	16.43	16.47		
5	16QAM	12	0	16.54	16.51	16.55		
5	16QAM	12	7	16.36	16.32	16.47	16.6	0
5	16QAM	12	13	16.53	16.44	16.56		
5	16QAM	25	0	16.60	16.49	16.36		
5	64QAM	1	0	16.58	16.50	16.44		
5	64QAM	1	12	16.42	16.40	16.54	16.6	0
5	64QAM	1	24	16.55	16.55	16.41		
5	64QAM	12	0	16.49	16.40	16.36		
5	64QAM	12	7	16.47	16.49	16.43	16.6	0
5	64QAM	12	13	16.36	16.43	16.45		
5	64QAM	25	0	16.42	16.44	16.40		
5	256QAM	1	0	16.11	16.05	16.14		
5	256QAM	1	12	16.07	16.13	15.97	16.6	0
5	256QAM	1	24	16.08	16.02	15.91		
5	256QAM	12	0	16.09	16.08	16.04		
5	256QAM	12	7	15.96	15.91	16.02	16.6	0
5	256QAM	12	13	16.14	16.15	15.99		
5	256QAM	25	0	15.93	16.01	15.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.50	16.52	16.43		
3	QPSK	1	8	16.49	16.51	16.46	16.6	0
3	QPSK	1	14	16.36	16.54	16.51		
3	QPSK	8	0	16.54	16.49	16.39		
3	QPSK	8	4	16.40	16.48	16.39	16.6	0
3	QPSK	8	7	16.53	16.54	16.46		
3	QPSK	15	0	16.42	16.60	16.47		
3	16QAM	1	0	16.55	16.40	16.40		
3	16QAM	1	8	16.53	16.46	16.28	16.6	0
3	16QAM	1	14	16.43	16.52	16.46		
3	16QAM	8	0	16.38	16.49	16.48		
3	16QAM	8	4	16.30	16.42	16.37	16.6	0
3	16QAM	8	7	16.50	16.44	16.51		
3	16QAM	15	0	16.47	16.37	16.43		
3	64QAM	1	0	16.61	16.43	16.58		
3	64QAM	1	8	16.37	16.47	16.47	16.6	0
3	64QAM	1	14	16.37	16.55	16.45		
3	64QAM	8	0	16.41	16.47	16.26		
3	64QAM	8	4	16.52	16.44	16.39	16.6	0
3	64QAM	8	7	16.42	16.46	16.57		
3	64QAM	15	0	16.47	16.43	16.44		
3	256QAM	1	0	16.20	16.07	16.15		
3	256QAM	1	8	16.14	16.12	16.03	16.6	0
3	256QAM	1	14	16.06	16.07	15.96		
3	256QAM	8	0	16.08	16.01	16.02		
3	256QAM	8	4	15.97	15.88	15.94	16.6	0
3	256QAM	8	7	16.09	16.12	15.95		
3	256QAM	15	0	15.98	15.99	15.87		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.49	16.62	16.55		
1.4	QPSK	1	3	16.50	16.51	16.45		
1.4	QPSK	1	5	16.32	16.57	16.50	16.6	0
1.4	QPSK	3	0	16.38	16.46	16.42		
1.4	QPSK	3	1	16.42	16.62	16.31		
1.4	QPSK	3	3	16.53	16.58	16.40		
1.4	QPSK	6	0	16.52	16.56	16.39	16.6	0
1.4	16QAM	1	0	16.48	16.56	16.35		
1.4	16QAM	1	3	16.62	16.54	16.42		
1.4	16QAM	1	5	16.36	16.52	16.44	16.6	0
1.4	16QAM	3	0	16.42	16.53	16.42		
1.4	16QAM	3	1	16.36	16.32	16.45		
1.4	16QAM	3	3	16.56	16.46	16.46		
1.4	16QAM	6	0	16.49	16.43	16.36	16.6	0
1.4	64QAM	1	0	16.45	16.46	16.48		
1.4	64QAM	1	3	16.37	16.38	16.58		
1.4	64QAM	1	5	16.46	16.53	16.56	16.6	0
1.4	64QAM	3	0	16.49	16.41	16.39		
1.4	64QAM	3	1	16.37	16.50	16.54		
1.4	64QAM	3	3	16.38	16.48	16.49		
1.4	64QAM	6	0	16.33	16.41	16.55	16.6	0
1.4	256QAM	1	0	16.07	16.03	16.02		
1.4	256QAM	1	3	16.10	16.07	15.92		
1.4	256QAM	1	5	16.08	15.94	15.92	16.6	0
1.4	256QAM	3	0	15.90	15.97	15.97		
1.4	256QAM	3	1	15.88	15.81	15.86		
1.4	256QAM	3	3	16.07	16.04	15.91		
1.4	256QAM	6	0	15.84	15.87	15.87	16.6	0

Band 7 Ant1

BW [MHz]	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	16.62	16.66	16.60		
20	QPSK	1	49	16.48	16.48	16.64	17.4	0
20	QPSK	1	99	16.59	16.63	16.63		
20	QPSK	50	0	16.50	16.63	16.58		
20	QPSK	50	24	16.44	16.59	16.47	17.4	0
20	QPSK	50	50	16.49	16.62	16.51		
20	QPSK	100	0	16.52	16.53	16.63		
20	16QAM	1	0	16.60	16.62	16.60		
20	16QAM	1	49	16.47	16.52	16.48

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.70	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.99		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.77	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	22.06	21.80		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	22.05	21.99	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.74	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.69	17.85	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.61	17.79		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.62	21.62		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	22.00	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.65	20.75	20.79		
10	16QAM	50	0	20.83	20.76	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.69	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.77	17.77	17.81	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.08	22.06	22.12	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.76	20.80	20.82		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	21.00	20.93		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.74	19.74	19.91		
5	256QAM	1	0	17.86	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.86		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.80	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.80	17.78	17.65	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	23.06	23.08	23.00		
20	QPSK	1	49	23.00	23.02	22.89	24	0
20	QPSK	1	99	23.01	23.06	22.84		
20	QPSK	50	0	22.14	22.15	22.12		
20	QPSK	50	24	22.14	22.13	22.14	23	1
20	QPSK	50	50	22.10	22.02	22.13		
20	QPSK	100	0	22.02	22.03	22.05		
20	16QAM	1	0	22.24	22.28	22.21		
20	16QAM	1	49	22.21	22.38	22.41	23	1
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22	2
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.32	21.20	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22	2
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21	3
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19	5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19	5
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95		
15	QPSK	1	37	22.95	22.92	22.82	24	0
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01		
15	QPSK	36	20	22.07	22.00	22.02	23	1
15	QPSK	36	39	21.97	22.04	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17		
15	16QAM	1	37	22.15	22.31	22.35	23	1
15	16QAM	1	74	22.10	22.25	22.16		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22	2
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	21.07	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22	2
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.01	19.91	19.95	21	3
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.16	18.14	19	5
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19	5
15	256QAM	36	39	18.04	17.97	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	22.96		
10	QPSK	1	25	22.93	22.96	22.85	24	0
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00		
10	QPSK	25	12	22.05	22.04	22.09	23	1
10	QPSK	25	25	22.05	21.97	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13		
10	16QAM	1	25	22.13	22.33	22.32	23	1
10	16QAM	1	49	22.12	22.22	22.18		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	21.00	20.87	21.02	22	2
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22	2
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21	3
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19	5
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	17.84	17.98	17.97	19	5
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88		
5	QPSK	1	12	22.91	22.97	22.80	24	0
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03		
5	QPSK	12	7	22.06	22.09	22.11	23	1
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09		
5	16QAM	1	12	22.12	22.20	22.34	23	1
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22	2
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22	2
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21	3
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19	5
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19	5
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94		
3	QPSK	1	8	22.94	22.93	22.77	24	0
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.02	22.08		
3	QPSK	8	4	22.03	22.03	22.06	23	1
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.14	21.96	22.17		
3	16QAM	1	8	22.11	22.33	22.35	23	1
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.96	21.00	22	2
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.08	21.05	22	2
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21	3
3	64QAM	8	7	20.02	20.06	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19	5
3	256QAM	1	14	18.16	18.06	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19	5
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.97	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55		
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58	24	0
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77		
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98	23	1
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22	2
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.83	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.66	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67	19	5
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19	5

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92		
20	QPSK	1	49	22.95	23.13	22.73	24	0
20	QPSK	1	99	22.94	23.04	22.91		
20	QPSK	50	0	21.89	21.97	21.92		
20	QPSK	50	24	21.83	21.76	21.95	23	1
20	QPSK	50	50	21.91	21.89	21.82		
20	QPSK	100	0	21.76	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38		
20	16QAM	1	49	22.34	22.44	22.38	23	1
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM	50	24	21.06	21.05	21.06	22	2
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0

Band 2 Ant9

BW [MHz]	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	21.46	21.51	21.40		
20	QPSK	1	49	21.45	21.38	21.41	22.6	0
20	QPSK	1	99	21.28	21.34	21.42		
20	QPSK	50	0	21.39	21.47	21.45		
20	QPSK	50	24	21.37	21.28	21.39	22.6	0
20	QPSK	50	50	21.32	21.27	21.45		
20	QPSK	100	0	21.27	21.44	21.33		
20	16QAM	1	0	21.42	21.30	21.39		
20	16QAM	1	49	21.27	21.38	21.45	22.6	0
20	16QAM	1	99	21.41	21.27	21.41		
20	16QAM	50	0	20.19	20.24	20.42		
20	16QAM	50	24	20.37	20.22	20.28	22.1	0.5
20	16QAM	50	50	20.37	20.37	20.36		
20	16QAM	100	0	20.34	20.27	20.20		
20	64QAM	1	0	20.35	20.48	20.37		
20	64QAM	1	49	20.57	20.56	20.42	22.1	0.5
20	64QAM	1	99	20.48	20.59	20.38		
20	64QAM	50	0	19.40	19.29	19.36		
20	64QAM	50	24	19.20	19.29	19.39	21.1	1.5
20	64QAM	50	50	19.42	19.19	19.22		
20	64QAM	100	0	19.35	19.30	19.37		
20	256QAM	1	0	17.26	17.37	17.34		
20	256QAM	1	49	17.39	17.33	17.32	19.1	3.5
20	256QAM	1	99	17.34	17.26	17.25		
20	256QAM	50	0	17.35	17.25	17.12		
20	256QAM	50	24	17.34	17.37	17.13	19.1	3.5
20	256QAM	50	50	17.23	17.21	17.37		
20	256QAM	100	0	17.38	17.27	17.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.43	21.29	21.21		
15	QPSK	1	37	21.41	21.18	21.37	22.6	0
15	QPSK	1	74	21.17	21.26	21.29		
15	QPSK	36	0	21.26	21.32	21.24		
15	QPSK	36	20	21.32	21.18	21.34	22.6	0
15	QPSK	36	39	21.20	21.17	21.27		
15	QPSK	75	0	21.19	21.36	21.22		
15	16QAM	1	0	21.27	21.17	21.32		
15	16QAM	1	37	21.24	21.26	21.32	22.6	0
15	16QAM	1	74	21.28	21.14	21.32		
15	16QAM	36	0	20.11	20.22	20.13		
15	16QAM	36	20	20.24	20.17	20.17	22.1	0.5
15	16QAM	36	39	20.24	20.34	20.30		
15	16QAM	75	0	20.24	20.24	20.15		
15	64QAM	1	0	20.30	20.43	20.34		
15	64QAM	1	37	20.52	20.49	20.35	22.1	0.5
15	64QAM	1	74	20.35	20.47	20.26		
15	64QAM	36	0	19.32	19.22	19.25		
15	64QAM	36	20	19.08	19.19	19.34	21.1	1.5
15	64QAM	36	39	19.36	19.09	19.15		
15	64QAM	75	0	19.31	19.18	19.25		
15	256QAM	1	0	17.17	17.32	17.31		
15	256QAM	1	37	17.33	17.29	17.24	19.1	3.5
15	256QAM	1	74	17.25	17.22	17.14		
15	256QAM	36	0	17.31	17.18	17.00		
15	256QAM	36	20	17.29	17.31	17.06	19.1	3.5
15	256QAM	36	39	17.17	17.14	17.39		
15	256QAM	75	0	17.31	17.23	17.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.26	21.35	21.27		
10	QPSK	1	25	21.36	21.22	21.31	22.6	0
10	QPSK	1	49	21.12	21.12	21.35		
10	QPSK	25	0	21.23	21.29	21.31		
10	QPSK	25	12	21.25	21.23	21.27	22.6	0
10	QPSK	25	25	21.13	21.38	21.25		
10	QPSK	50	0	21.13	21.36	21.17		
10	16QAM	1	0	21.34	21.12	21.24		
10	16QAM	1	25	21.21	21.16	21.37	22.6	0
10	16QAM	1	49	21.22	21.24	21.22		
10	16QAM	25	0	20.10	20.16	20.08		
10	16QAM	25	12	20.26	20.12	20.21	22.1	0.5
10	16QAM	25	25	20.30	20.29	20.24		
10	16QAM	50	0	20.23	20.15	20.10		
10	64QAM	1	0	20.30	20.44	20.32		
10	64QAM	1	25	20.48	20.52	20.30	22.1	0.5
10	64QAM	1	49	20.39	20.51	20.32		
10	64QAM	25	0	19.34	19.25	19.24		
10	64QAM	25	12	19.10	19.17	19.30	21.1	1.5
10	64QAM	25	25	19.38	19.13	19.15		
10	64QAM	50	0	19.26	19.21	19.32		
10	256QAM	1	0	17.23	17.29	17.30		
10	256QAM	1	25	17.33	17.27	17.28	19.1	3.5
10	256QAM	1	49	17.27	17.17	17.19		
10	256QAM	25	0	17.23	17.16	17.05		
10	256QAM	25	12	17.31	17.17	17.30	19.1	3.5
10	256QAM	25	25	17.16	17.13	17.32		
10	256QAM	50	0	17.32	17.22	17.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.35	21.31	21.27		
5	QPSK	1	12	21.31	21.32	21.35	22.6	0
5	QPSK	1	24	21.18	21.24	21.34		
5	QPSK	12	0	21.34	21.42	21.32		
5	QPSK	12	7	21.21	21.22	21.26	22.6	0
5	QPSK	12	13	21.26	21.15	21.31		
5	QPSK	25	0	21.24	21.22	21.29		
5	16QAM	1	0	21.31	21.13	21.34		
5	16QAM	1	12	21.11	21.36	21.23	22.6	0
5	16QAM	1	24	21.25	21.20	21.35		
5	16QAM	12	0	20.08	20.20	20.14		
5	16QAM	12	7	20.26	20.12	20.23	22.1	0.5
5	16QAM	12	13	20.30	20.29	20.31		
5	16QAM	25	0	20.27	20.14	20.08		
5	64QAM	1	0	20.24	20.37	20.28		
5	64QAM	1	12	20.45	20.47	20.33	22.1	0.5
5	64QAM	1	24	20.36	20.27	20.34		
5	64QAM	12	0	19.37	19.20	19.33		
5	64QAM	12	7	19.10	19.23	19.18	21.1	1.5
5	64QAM	12	13	19.39	19.13	19.12		
5	64QAM	25	0	19.28	19.25	19.25		
5	256QAM	1	0	17.18	17.33	17.23		
5	256QAM	1	12	17.28	17.21	17.25	19.1	3.5
5	256QAM	1	24	17.25	17.21	17.15		
5	256QAM	12	0	17.24	17.13	17.04		
5	256QAM	12	7	17.23	17.33	17.08	19.1	3.5
5	256QAM	12	13	17.17	17.13	17.24		
5	256QAM	25	0	17.29	17.23	17.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.28	21.43	21.30		
3	QPSK	1	8	21.38	21.33	21.26	22.6	0
3	QPSK	1	14	21.25	21.30	21.35		
3	QPSK	8	0	21.20	21.25	21.34		
3	QPSK	8	4	21.16	21.25	21.26	22.6	0
3	QPSK	8	7	21.17	21.22	21.29		
3	QPSK	15	0	21.17	21.28	21.11		
3	16QAM	1	0	21.24	21.23	21.28		
3	16QAM	1	8	21.24	21.32	21.30	22.6	0
3	16QAM	1	14	21.33	21.20	21.31		
3	16QAM	8	0	20.16	20.21	20.14		
3	16QAM	8	4	20.30	20.10	20.20	22.1	0.5
3	16QAM	8	7	20.32	20.32	20.30		
3	16QAM	15	0	20.30	20.15	20.10		
3	64QAM	1	0	20.26	20.45	20.29		
3	64QAM	1	8	20.45	20.52	20.34	22.1	0.5
3	64QAM	1	14	20.37	20.55	20.26		
3	64QAM	8	0	19.30	19.24	19.33		
3	64QAM	8	4	19.07	19.22	19.31	21.1	1.5
3	64QAM	8	7	19.37	19.12	19.16		
3	64QAM	15	0	19.27	19.21	19.29		
3	256QAM	1	0	17.24	17.33	17.27		
3	256QAM	1	8	17.35	17.30	17.23	19.1	3.5
3	256QAM	1	14	17.28	17.20	17.20		
3	256QAM	8	0	17.30	17.14	17.01		
3	256QAM	8	4	17.24	17.31	17.02	19.1	3.5
3	256QAM	8	7	17.20	17.15	17.34		
3	256QAM	15	0	17.28	17.18	17.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.34	21.38	21.31		
1.4	QPSK	1	3	21.36	21.17	21.22		
1.4	QPSK	1	5	21.06	21.12	21.27	22.6	0
1.4	QPSK	3	0	21.28	21.38	21.36		
1.4	QPSK	3	1	21.33	21.25	21.25		
1.4	QPSK	3	3	21.29	21.08	21.39		
1.4	QPSK	6	0	21.09	21.31	21.11	22.6	0
1.4	16QAM	1	0	21.24	21.23	21.31		
1.4	16QAM	1	3	21.23	21.20	21.34		
1.4	16QAM	1	5	21.30	21.23	21.38	22.6	0
1.4	16QAM	3	0	21.36	21.44	21.22		
1.4	16QAM	3	1	21.32	21.31	21.21		
1.4	16QAM	3	3	21.20	21.14	21.33		
1.4	16QAM	6	0	20.30	20.23	20.13	22.1	0.5
1.4	64QAM	1	0	20.25	20.38	20.29		
1.4	64QAM	1	3	20.51	20.52	20.32		
1.4	64QAM	1	5	20.45	20.46	20.30	22.1	0.5
1.4	64QAM	3	0	20.25	20.38	20.29		
1.4	64QAM	3	1	20.51	20.52	20.32		
1.4	64QAM	3	3	20.45	20.46	20.30		
1.4	64QAM	6	0	19.24	19.25	19.31	21.1	1.5
1.4	256QAM	1	0	17.22	17.27	17.24		
1.4	256QAM	1	3	17.34	17.22	17.26		
1.4	256QAM	1	5	17.26	17.22	17.14	19.1	3.5
1.4	256QAM	3	0	17.30	17.16	17.01		
1.4	256QAM	3	1	17.22	17.27	17.09		
1.4	256QAM	3	3	17.18	17.12	17.34		
1.4	256QAM	6	0	17.30	17.22	17.11	19.1	3.5

Band 4 Ant9

BW [MHz]	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	23.01	23.07	22.99		
20	QPSK	1	49	22.84	22.97	22.81	24	0
20	QPSK	1	99	23.06	22.85	22.93		
20	QPSK	50	0	22.02	22.08	22.00		
20	QPSK	50	24	21.98	21.97	21.97	23	1
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.86	22.03	21.85		
20	16QAM	1	0	22.37	22.37	22.42		
20	16QAM	1	49	22.39	22.47	22.30	23	1
20	16QAM	1	99	22.29	22.28	22.35		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22	2
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.24	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22	2
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.02	20.16	21	3
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19	5
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19	5
20	256QAM	50	50	18.12	18.03	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.70	22.84	22.65		
15	QPSK	1	37	22.58	22.64	22.48	24	0
15	QPSK	1	74	22.50	22.80	22.54		
15	QPSK	36	0	21.59	21.77	21.74		
15	QPSK	36	20	21.61	21.76	21.67	23	1
15	QPSK	36	39	21.62	21.62	21.62		
15	QPSK	75	0	21.61	21.76	21.66		
15	16QAM	1	0	21.90	21.95	21.83		
15	16QAM	1	37	21.89	21.84	21.86	23	1
15	16QAM	1	74	22.06	21.85	21.87		
15	16QAM	36	0	20.65	20.74	20.59		
15	16QAM	36	20	20.83	20.83	20.71	22	2
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.85	20.64		
15	64QAM	1	0	20.76	20.94	20.84		
15	64QAM	1	37	20.99	20.99	20.89	22	2
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74		
15	64QAM	36	20	19.58	19.71	19.83	21	3
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77		
15	256QAM	1	37	17.80	17.76	17.77	19	5
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51		
15	256QAM	36	20	17.72	17.77	17.51	19	5
15	256QAM	36	39	17.89	17.62	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.66	22.85	22.73		
10	QPSK	1	25	22.58	22.69	22.44	24	0
10	QPSK	1	49	22.51	22.76	22.52		
10	QPSK	25	0	21.55	21.82	21.67		
10	QPSK	25	12	21.60	21.76	21.68	23	1
10	QPSK	25	25	21.65	21.82	21.59		
10	QPSK	50	0	21.64	21.69	21.68		
10	16QAM	1	0	21.92	21.93	21.83		
10	16QAM	1	25	21.85	21.83	21.88	23	1
10	16QAM	1	49	22.06	21.91	21.94		
10	16QAM	25	0	20.62	20.73	20.58		
10	16QAM	25	12	20.78	20.60	20.74	22	2
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.68	20.59		
10	64QAM	1	0	20.78	20.91	20.77		
10	64QAM	1	25	20.96	20.93	20.82	22	2
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76		
10	64QAM	25	12	19.66	19.75	19.79	21	3
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81		
10	256QAM	1	25	17.78	17.74	17.71	19	5
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55		
10	256QAM	25	12	17.78	17.70	17.59	19	5
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.84	22.58		
5	QPSK	1	12	22.59	22.71	22.49	24	0
5	QPSK	1	24	22.55	22.84	22.52		
5	QPSK	12	0	21.57	21.80	21.75		
5	QPSK	12	7	21.57	21.76	21.68	23	1
5	QPSK	12	13	21.70	21.66	21.61		
5	QPSK	25	0	21.60	21.71	21.71		
5	16QAM	1	0	21.94	21.96	21.85		
5	16QAM	1	12	21.86	21.83	21.91	23	1
5	16QAM	1	24	22.10	21.87	21.90		
5	16QAM	12	0	20.63	20.70	20.56		
5	16QAM	12	7	20.76	20.62	20.72	22	2
5	16QAM	12	13	20.80	20.75	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79		
5	64QAM	1	12	21.04	20.96	20.84	22	2
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74		
5	64QAM	12	7	19.61	19.68	19.85	21	3
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.75	19.76		
5	256QAM	1	0	17.74	17.82	17.75		
5	256QAM	1	12	17.82	17.77	17.70	19	5
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55		
5	256QAM	12	7	17.75	17.77	17.54	19	5
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.62	22.79	22.65		
3	QPSK	1	8	22.54	22.71	22.50	24	0
3	QPSK	1	14	22.52	22.79	22.48		
3	QPSK	8	0	21.60	21.82	21.71		
3	QPSK	8	4	21.56	21.71	21.68	23	1
3	QPSK	8	7	21.66	21.70	21.61		
3	QPSK	15	0	21.61	21.70	21.68		
3	16QAM	1	0	21.94	21.92	21.92		
3	16QAM	1	8	21.82	21.90	21.82	23	1
3	16QAM	1	14	22.12	21.84	21.85		
3	16QAM	8	0	20.61	20.67	20.66		
3	16QAM	8	4	20.78	20.60	20.73	22	2
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78		
3	64QAM	1	8	20.97	21.01	20.80	22	2
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75		
3	64QAM	8	4	19.61	19.71	19.83	21	3
3	64QAM	8	7	19.80	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78		
3	256QAM	1	8	17.83	17.80	17.76	19	5
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59		
3	256QAM	8	4	17.71	17.79	17.51	19	5
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.90	17.66	17.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.76	22.46		
1.4	QPSK	1	3	22.50	22.59	22.45		
1.4	QPSK	1	5	22.40	22.64	22.45	24	0
1.4	QPSK	3	0	22.60	22.75	22.53		
1.4	QPSK	3	1	22.50	22.60	22.37		
1.4	QPSK	3	3	22.38	22.70	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.87	21.88	21.79		
1.4	16QAM	1	3	21.72	21.74	21.86		
1.4	16QAM	1	5	21.96	21.81	21.78	23	1
1.4	16QAM	3	0	21.80	21.96	21.80		
1.4	16QAM	3	1	21.77	21.75	21.78		
1.4	16QAM	3	3	21.99	21.82	21.77		
1.4	16QAM	6	0	20.74	20.63	20.50	22	2
1.4	64QAM	1	0	20.62	20.85	20.72		
1.4	64QAM	1	3	20.90	20.98	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71	22	2
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.86	20.98	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21	3
1.4	256QAM	1	0	17.66	17.69	17.63		
1.4	256QAM	1	3	17.73	17.61	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53	19	5
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	19	5

Band 7 Ant9

BW [MHz]	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	20.70	20.73	20.65		
20	QPSK	1	49	20.47	20.66	20.49	22.1	0
20	QPSK	1	99	20.54	20.58	20.65		
20	QPSK	50	0	20.65	20.71	20.69		
20	QPSK	50	24	20.67	20.50	20.59	22.1	0
20	QPSK	50	50	20.53	20.56	20.66		
20	QPSK	100	0	20.50	20.66	20.62		
20	16QAM	1	0	20.56	20.46	20.66		
20	16QAM	1	49	20.50	20.53	20.62	22.1	0
20	16QAM	1	99	20.66

Reduced Power Mode for ECI3_Other PA

Band 2 Ant0

BW [MHz]	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	17.13	17.19	17.09	18.4	0
20	QPSK	1	49	17.02	17.05	16.98		
20	QPSK	1	99	17.01	16.94	16.98		
20	QPSK	50	0	17.10	17.15	17.03	18.4	0
20	QPSK	50	24	17.08	17.10	17.11		
20	QPSK	50	50	17.08	16.95	16.98		
20	QPSK	100	0	17.01	17.13	17.07		
20	16QAM	1	0	17.05	17.02	17.14	18.4	0
20	16QAM	1	49	17.11	17.00	17.05		
20	16QAM	1	99	17.05	17.05	17.00		
20	16QAM	50	0	17.13	17.01	16.95	18.4	0
20	16QAM	50	24	16.99	17.06	17.03		
20	16QAM	50	50	17.17	17.12	17.11		
20	16QAM	100	0	17.06	17.15	17.16		
20	64QAM	1	0	17.04	17.00	16.99	18.4	0
20	64QAM	1	49	16.98	17.13	16.98		
20	64QAM	1	99	17.14	16.96	17.16		
20	64QAM	50	0	17.08	17.04	17.03	18.4	0
20	64QAM	50	24	17.00	16.99	17.06		
20	64QAM	50	50	17.18	17.06	17.02		
20	64QAM	100	0	17.00	17.12	17.10		
20	256QAM	1	0	16.22	16.36	16.26	17.4	1
20	256QAM	1	49	16.37	16.39	16.25		
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24	17.4	1
20	256QAM	50	24	16.21	16.26	16.19		
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.03	17.04	17.03	18.4	0
15	QPSK	1	37	16.81	17.03	16.94		
15	QPSK	1	74	16.98	16.87	16.90		
15	QPSK	36	0	16.88	16.97	16.90	18.4	0
15	QPSK	36	20	17.04	16.94	16.99		
15	QPSK	36	39	16.91	16.76	16.76		
15	QPSK	75	0	16.86	17.06	16.91		
15	16QAM	1	0	16.90	16.81	17.10	18.4	0
15	16QAM	1	37	16.92	16.97	16.94		
15	16QAM	1	74	16.91	16.93	16.82		
15	16QAM	36	0	16.96	16.91	16.81	18.4	0
15	16QAM	36	20	16.96	16.90	16.94		
15	16QAM	36	39	17.11	17.06	16.99		
15	16QAM	75	0	16.93	16.97	17.13		
15	64QAM	1	0	16.84	16.96	16.90	18.4	0
15	64QAM	1	37	16.79	17.06	16.83		
15	64QAM	1	74	17.12	16.92	16.94		
15	64QAM	36	0	16.95	16.87	16.93	18.4	0
15	64QAM	36	20	16.83	16.81	17.02		
15	64QAM	36	39	16.99	17.02	17.00		
15	64QAM	75	0	16.89	17.00	16.98		
15	256QAM	1	0	16.13	16.26	16.15	17.4	1
15	256QAM	1	37	16.27	16.34	16.17		
15	256QAM	1	74	16.32	16.37	16.29		
15	256QAM	36	0	16.29	16.20	16.16	17.4	1
15	256QAM	36	20	16.15	16.20	16.11		
15	256QAM	36	39	16.18	16.35	16.41		
15	256QAM	75	0	16.33	16.21	16.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.10	17.06	17.05	18.4	0
10	QPSK	1	25	16.91	16.88	16.81		
10	QPSK	1	49	16.97	16.72	16.77		
10	QPSK	25	0	17.01	17.10	16.87	18.4	0
10	QPSK	25	12	16.89	16.99	16.92		
10	QPSK	25	25	17.04	16.86	16.79		
10	QPSK	50	0	16.89	17.09	16.90		
10	16QAM	1	0	16.90	16.99	17.05	18.4	0
10	16QAM	1	25	16.99	16.90	17.03		
10	16QAM	1	49	17.00	16.84	16.94		
10	16QAM	25	0	16.93	16.92	16.82	18.4	0
10	16QAM	25	12	16.91	16.96	16.95		
10	16QAM	25	25	17.14	17.06	16.97		
10	16QAM	50	0	16.95	17.02	17.01		
10	64QAM	1	0	16.92	16.79	16.77	18.4	0
10	64QAM	1	25	16.82	16.97	16.79		
10	64QAM	1	49	16.94	16.84	17.09		
10	64QAM	25	0	16.98	16.86	17.01	18.4	0
10	64QAM	25	12	16.92	16.84	16.98		
10	64QAM	25	25	17.16	17.03	16.81		
10	64QAM	50	0	16.94	16.97	16.97		
10	256QAM	1	0	16.13	16.24	16.15	17.4	1
10	256QAM	1	25	16.25	16.33	16.13		
10	256QAM	1	49	16.26	16.35	16.30		
10	256QAM	25	0	16.31	16.21	16.18	17.4	1
10	256QAM	25	12	16.15	16.18	16.08		
10	256QAM	25	25	16.25	16.28	16.39		
10	256QAM	50	0	16.28	16.23	16.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.07	17.00	17.04	18.4	0
5	QPSK	1	12	16.99	16.94	16.78		
5	QPSK	1	24	16.91	16.91	16.87		
5	QPSK	12	0	16.91	17.09	16.83	18.4	0
5	QPSK	12	7	16.92	16.89	17.07		
5	QPSK	12	13	17.02	16.77	16.84		
5	QPSK	25	0	16.89	16.97	16.92		
5	16QAM	1	0	16.96	16.90	17.11	18.4	0
5	16QAM	1	12	17.06	16.92	16.84		
5	16QAM	1	24	16.88	16.96	16.91		
5	16QAM	12	0	16.91	16.95	16.86	18.4	0
5	16QAM	12	7	16.80	16.97	16.85		
5	16QAM	12	13	16.95	17.07	16.97		
5	16QAM	25	0	16.93	17.02	17.13		
5	64QAM	1	0	16.97	16.87	16.80	18.4	0
5	64QAM	1	12	16.89	17.01	16.87		
5	64QAM	1	24	17.06	16.88	16.97		
5	64QAM	12	0	16.94	16.90	17.00	18.4	0
5	64QAM	12	7	16.97	16.80	16.89		
5	64QAM	12	13	17.00	17.04	16.98		
5	64QAM	25	0	16.85	16.97	17.02		
5	256QAM	1	0	16.10	16.33	16.15	17.4	1
5	256QAM	1	12	16.27	16.34	16.14		
5	256QAM	1	24	16.32	16.37	16.36		
5	256QAM	12	0	16.35	16.26	16.18	17.4	1
5	256QAM	12	7	16.13	16.15	16.11		
5	256QAM	12	13	16.22	16.31	16.35		
5	256QAM	25	0	16.31	16.20	16.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.06	17.07	16.93	18.4	0
3	QPSK	1	8	16.93	16.99	16.80		
3	QPSK	1	14	16.80	16.81	16.94		
3	QPSK	8	0	17.03	17.00	16.98	18.4	0
3	QPSK	8	4	16.92	16.95	16.97		
3	QPSK	8	7	16.94	16.79	16.92		
3	QPSK	15	0	16.93	17.05	16.98		
3	16QAM	1	0	16.83	16.97	17.01	18.4	0
3	16QAM	1	8	17.09	16.96	16.87		
3	16QAM	1	14	16.98	16.95	16.97		
3	16QAM	8	0	16.97	16.93	16.77	18.4	0
3	16QAM	8	4	16.82	16.93	16.92		
3	16QAM	8	7	17.13	17.02	17.03		
3	16QAM	15	0	16.90	17.03	17.01		
3	64QAM	1	0	16.85	16.89	16.90	18.4	0
3	64QAM	1	8	16.84	17.07	16.83		
3	64QAM	1	14	16.98	16.79	17.07		
3	64QAM	8	0	16.89	16.87	16.91	18.4	0
3	64QAM	8	4	16.94	16.97	17.03		
3	64QAM	8	7	17.15	16.85	16.89		
3	64QAM	15	0	16.80	17.05	16.98		
3	256QAM	1	0	16.17	16.31	16.17	17.4	1
3	256QAM	1	8	16.27	16.31	16.14		
3	256QAM	1	14	16.34	16.39	16.35		
3	256QAM	8	0	16.29	16.28	16.20	17.4	1
3	256QAM	8	4	16.12	16.22	16.16		
3	256QAM	8	7	16.19	16.31	16.38		
3	256QAM	15	0	16.30	16.16	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.96	17.13	17.01	18.4	0
1.4	QPSK	1	3	16.92	17.00	16.94		
1.4	QPSK	1	5	16.91	16.79	16.76		
1.4	QPSK	3	0	16.98	16.99	16.97		
1.4	QPSK	3	1	16.99	16.95	17.06		
1.4	QPSK	3	3	16.93	16.92	16.86		
1.4	QPSK	6	0	16.90	17.07	16.87	18.4	0
1.4	16QAM	1	0	16.85	16.98	17.01	18.4	0
1.4	16QAM	1	3	17.00	16.94	16.90		
1.4	16QAM	1	5	16.94	16.97	16.96		
1.4	16QAM	3	0	17.03	16.87	16.75		
1.4	16QAM	3	1	16.78	17.04	16.91		
1.4	16QAM	3	3	16.99	17.02	16.90		
1.4	16QAM	6	0	16.85	16.97	17.07	18.4	0
1.4	64QAM	1	0	16.87	16.78	16.95	18.4	0
1.4	64QAM	1	3	16.81	17.01	16.82		
1.4	64QAM	1	5	17.06	16.79	17.06		
1.4	64QAM	3	0	16.87	16.90	16.86		
1.4	64QAM	3	1	16.89	16.96	16.92		
1.4	64QAM	3	3	17.13	16.91	16.82		
1.4	64QAM	6	0	16.85	17.06	16.97	18.4	0
1.4	256QAM	1	0	16.11	16.24	16.20	17.4	1
1.4	256QAM	1	3	16.24	16.36	16.18		
1.4	256QAM	1	5	16.33	16.36	16.29		
1.4	256QAM	3	0	16.34	16.26	16.18		
1.4	256QAM	3	1	16.09	16.16	16.10		
1.4	256QAM	3	3	16.24	16.26	16.40		
1.4	256QAM	6	0	16.25	16.25	16.08	17.4	1

Band 4 Ant0

BW [MHz]	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	17.30	17.32	17.28	18.4	0
20	QPSK	1	49	17.13	17.25	17.11		
20	QPSK	1	99	17.16	17.15	17.09		
20	QPSK	50	0	17.25	17.30	17.27	18.4	0
20	QPSK	50	24	17.20	17.07	17.29		
20	QPSK	50	50	17.28	17.29	17.21		
20	QPSK	100	0	17.08	17.26	17.17		
20	16QAM	1	0	17.20	17.25	17.10	18.4	0
20	16QAM	1	49	17.09	17.10	17.13		
20	16QAM	1	99	17.15	17.09	17.09		
20	16QAM	50	0	17.30	17.14	17.19	18.4	0
20	16QAM	50	0	17.22	17.13	17.26		
20	16QAM	50	50	17.22	17.30	17.07		
20	16QAM	100	0	17.21	17.27	17.11		
20	64QAM	1	0	17.11	17.08	17.30	18.4	0
20	64QAM	1	49	17.11	17.27	17.26		
20	64QAM	1	99	17.28	17.08	17.20		
20	64QAM	50	0	17.10	17.31	17.16	18.4	0
20	64QAM	50	24	17.19	17.10	17.15		
20	64QAM	50	50	17.23	17.27	17.15		
20	64QAM	100	0	17.19	17.28	17.29		
20	256QAM	1	0	16.52	16.57	16.61	17.4	1
20	256QAM	1	49	16.61	16.71	16.44		
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63	17.4	1
20	256QAM	50	24	16.52	16.40	16.40		
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.09	17.15	17.13	18.4	0
15	QPSK	1	37	17.01	17.05	16.93		
15	QPSK	1	74	17.01	16.96	17.05		
15	QPSK	36	0	17.03	17.15	17.20	18.4	0
15	QPSK	36	20	17.13	16.85	17.26		
15	QPSK	36	39	17.09	17.14	17.12		
15	QPSK	75	0	17.03	17.14	17.12		
15	16QAM	1	0	17.10	17.23	17.03	18.4	0
15	16QAM	1	37	17.00	16.93	16.94		
15	16QAM	1	74	17.10	16.98	17.04		
15	16QAM	36	0	17.11	17.05	17.08	18.4	0
15	16QAM	36	20	17.04	17.06	17.19		
15	16QAM	36	39	17.17	17.24	17.02		
15	16QAM	75	0	17.06	17.11	17.05		
15	64QAM	1	0	16.93	17.03	17.26	18.4	0
15	64QAM	1	37	17.00	17.18	17.17		
15	64QAM	1	74	17.21	16.96	17.16		
15	64QAM	36	0	17.03	17.24	17.01	18.4	0
15	64QAM	36	20	17.09	16.92	17.11		
15	64QAM	36	39	17.03	17.07	17.08		
15	64QAM	75	0	17.13	17.26	17.25		
15	256QAM	1	0	16.14	16.26	16.15	17.4	1
15	256QAM	1	37	16.31	16.34	16.17		
15	256QAM	1	74	16.27	16.42	16.28		
15	256QAM	36	0	16.32	16.21	16.20	17.4	1
15	256QAM	36	20	16.12	16.18	16.09		
15	256QAM	36	39	16.21	16.27	16.37		
15	256QAM	75	0	16.32	16.19	16.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.19	17.29	17.12	18.4	0
10	QPSK	1	25	17.07	17.04	17.04		
10	QPSK	1	49	17.06	17.11	16.92		
10	QPSK	25	0	17.18	17.16	17.22	18.4	0
10	QPSK	25	12	16.99	16.94	17.22		
10	QPSK	25	25	17.07	17.12	17.06		
10	QPSK	50	0	17.02	17.13	17.04		
10	16QAM	1	0	17.04	17.09	17.00	18.4	0
10	16QAM	1	25	16.92	17.01	17.06		
10	16QAM	1	49	16.95	17.02	16.97		
10	16QAM	25	0	17.14	17.09	17.14	18.4	0
10	16QAM	25	12	17.12	16.96	17.11		
10	16QAM	25	25	17.03	17.12	16.92		
10	16QAM	50	0	17.01	17.13	17.08		
10	64QAM	1	0	17.01	16.92	17.10	18.4	0
10	64QAM	1	25	16.97	17.21	17.14		
10	64QAM	1	49	17.20	16.88	17.17		
10	64QAM	25	0	16.94	17.20	17.12	18.4	0
10	64QAM	25	12	17.09	16.94	17.05		
10	64QAM	25	25	17.20	17.10	16.95		
10	64QAM	50	0	17.13	17.19	17.12		
10	256QAM	1	0	16.18	16.27	16.23	17.4	1
10	256QAM	1	25	16.29	16.30	16.22		
10	256QAM	1	49	16.29	16.39	16.32		
10	256QAM	25	0	16.27	16.27	16.13	17.4	1
10	256QAM	25	12	16.10	16.14	16.07		
10	256QAM	25	25	16.18	16.35	16.38		
10	256QAM	50	0	16.28	16.25	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.22	17.25	17.13	18.4	0
5	QPSK	1	12	16.93	17.14	16.97		
5	QPSK	1	24	16.94	16.97	16.98		
5	QPSK	12	0	17.13	17.17	17.16	18.4	0
5	QPSK	12	7	17.02	16.93	17.11		
5	QPSK	12	13	17.18	17.12	17.10		
5	QPSK	25	0	16.90	17.06	17.00		
5	16QAM	1	0	17.12	17.18	17.00	18.4	0
5	16QAM	1	12	16.99	16.92	17.07		
5	16QAM	1	24	17.00	17.06	17.01		
5	16QAM	12	0	17.26	17.11	17.00	18.4	0
5	16QAM	12	7	17.09	17.05	17.09		
5	16QAM	12	13	17.08	17.26	16.87		
5	16QAM	25	0	17.18	17.08	16.92		
5	64QAM	1	0	17.01	16.97	17.08	18.4	0
5	64QAM	1	12	16.95	17.08	17.20		
5	64QAM	1	24	17.22	17.05	17.13		
5	64QAM	12	0	17.01	17.15	16.98	18.4	0
5	64QAM	12	7	17.11	16.95	17.11		
5	64QAM	12	13	17.20	17.25	17.07		
5	64QAM	25	0	16.99	17.20	17.16		
5	256QAM	1	0	16.11	16.32	16.18	17.4	1
5	256QAM	1	12	16.33	16.27	16.21		
5	256QAM	1	24	16.32	16.34	16.32		
5	256QAM	12	0	16.27	16.28	16.13	17.4	1
5	256QAM	12	7	16.10	16.22	16.09		
5	256QAM	12	13	16.25	16.34	16.43		
5	256QAM	25	0	16.34	16.16	16.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.17	17.26	17.14	18.4	0
3	QPSK	1	8	17.03	17.07	16.93		
3	QPSK	1	14	16.99	17.13	17.02		
3	QPSK	8	0	17.07	17.15	17.18	18.4	0
3	QPSK	8	4	16.99	17.03	17.15		
3	QPSK	8	7	17.20	17.08	16.99		
3	QPSK	15	0	16.95	17.05	16.96		
3	16QAM	1	0	16.98	17.15	16.93	18.4	0
3	16QAM	1	8	17.06	16.94	16.92		
3	16QAM	1	14	17.09	16.89	16.98		
3	16QAM	8	0	17.26	16.92	17.10	18.4	0
3	16QAM	8	4	17.00	16.96	17.20		
3	16QAM	8	7	17.05	17.14	16.88		
3	16QAM	15	0	17.10	17.05	16.98		
3	64QAM	1	0	16.89	16.93	17.18	18.4	0
3	64QAM	1	8	17.04	17.09	17.18		
3	64QAM	1	14	17.08	17.01	17.15		
3	64QAM	8	0	17.08	17.11	16.97	18.4	0
3	64QAM	8	4	17.14	17.02	17.06		
3	64QAM	8	7	17.15	17.21	17.12		
3	64QAM	15	0	17.07	17.09	17.15		
3	256QAM	1	0	16.12	16.30	16.18	17.4	1
3	256QAM	1	8	16.33	16.34	16.21		
3	256QAM	1	14	16.35	16.41	16.34		
3	256QAM	8	0	16.33	16.20	16.20	17.4	1
3	256QAM	8	4	16.09	16.16	16.12		
3	256QAM	8	7	16.27	16.35	16.36		
3	256QAM	15	0	16.29	16.26	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.23	17.19	17.09	18.4	0
1.4	QPSK	1	3	17.05	17.05	16.97		
1.4	QPSK	1	5	16.97	17.03	17.06		
1.4	QPSK	3	0	17.18	17.17	17.24		
1.4	QPSK	3	1	17.11	16.97	17.27		
1.4	QPSK	3	3	17.18	17.21	17.17		
1.4	QPSK	6	0	17.01	17.15	16.98	18.4	0
1.4	16QAM	1	0	17.10	17.23	17.08	18.4	0
1.4	16QAM	1	3	17.05	17.00	16.96		
1.4	16QAM	1	5	17.01	16.94	16.99		
1.4	16QAM	3	0	17.27	16.97	17.12		
1.4	16QAM	3	1	17.20	16.92	17.15		
1.4	16QAM	3	3	17.13	17.15	16.94		
1.4	16QAM	6	0	16.99	17.25	17.02	18.4	0
1.4	64QAM	1	0	17.08	17.00	17.15	18.4	0
1.4	64QAM	1	3	17.00	17.18	17.14		
1.4	64QAM	1	5	17.22	17.04	17.14		
1.4	64QAM	3	0	16.94	17.21	16.96		
1.4	64QAM	3	1	17.07	16.92	17.01		
1.4	64QAM	3	3	17.07	17.17	17.13		
1.4	64QAM	6	0	17.08	17.15	17.09	18.4	0
1.4	256QAM	1	0	16.13	16.25	16.20	17.4	1
1.4	256QAM	1	3	16.27	16.30	16.20		
1.4	256QAM	1	5	16.27	16.39	16.35		
1.4	256QAM	3	0	16.26	16.26	16.14		
1.4	256QAM	3	1	16.15	16.13	16.11		
1.4	256QAM	3	3	16.20	16.33	16.41		
1.4	256QAM	6	0	16.31	16.20	16.11	17.4	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.84	17.97	17.91	19.1	0
20	QPSK	1	49	17.92	17.77	17.83		
20	QPSK	1	99	17.91	17.91	17.83		
20	QPSK	50	0	17.90	17.95	17.87	19.1	0
20	QPSK	50	24	17.86	17.88	17.93		
20	QPSK	50	50	17.91	17.80	17.73		
20	QPSK	100	0	17.85	17.93	17.92		
20	16QAM	1	0	17.80	17.72	17.74	19.1	0
20	16QAM	1	49	17.78	17.72	17.80		
20	16QAM	1	99	17.72	17.89	17.77		
20	16QAM	50	0	17.86	17.86	17.93	19.1	0
20	16QAM	50	24	17.73	17.86	17.83		
20	16QAM	50	50	17.80	17.71	17.83		
20	16QAM	100	0	17.75	17.81	17.77		
20	64QAM	1	0	17.71	17.89	17.79	19.1	0
20	64QAM	1	49	17.71	17.77	17.75		
20	64QAM	1	99	17.93	17.74	17.78		
20	64QAM	50	0	17.86	17.92	17.87	19.1	0
20	64QAM	50	24	17.85	17.91	17.92		
20	64QAM	50	50	17.83	17.72	17.74		
20	64QAM	100	0	17.82	17.88	17.84		
20	256QAM	1	0	16.22	16.35	16.50	17.1	2
20	256QAM	1	49	16.35	16.29	16.45		
20	256QAM	1	99	16.44	16.41	16.32		
20	256QAM	50	0	16.11	16.22	16.18	17.1	2
20	256QAM	50	24	16.26	16.12	16.31		
20	256QAM	50	50	16.28	16.25	16.29		
20	256QAM	100	0	16.16	16.29	16.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.68	17.75	17.78	19.1	0
15	QPSK	1	37	17.77	17.58	17.69		
15	QPSK	1	74	17.84	17.84	17.70		
15	QPSK	36	0	17.81	17.77	17.83	19.1	0
15	QPSK	36	20	17.73	17.74	17.75		
15	QPSK	36	39	17.73	17.68	17.53		
15	QPSK	75	0	17.79	17.82	17.78		
15	16QAM	1	0	17.62	17.67	17.63	19.1	0
15	16QAM	1	37	17.70	17.50	17.58		
15	16QAM	1	74	17.54	17.71	17.64		
15	16QAM	36	0	17.82	17.65	17.87	19.1	0
15	16QAM	36	20	17.63	17.81	17.66		
15	16QAM	36	39	17.72	17.64	17.62		
15	16QAM	75	0	17.60	17.71	17.63		
15	64QAM	1	0	17.55	17.75	17.59	19.1	0
15	64QAM	1	37	17.61	17.63	17.62		
15	64QAM	1	74	17.79	17.67	17.72		
15	64QAM	36	0	17.65	17.75	17.70	19.1	0
15	64QAM	36	20	17.75	17.73	17.90		
15	64QAM	36	39	17.75	17.62	17.62		
15	64QAM	75	0	17.66	17.82	17.65		
15	256QAM	1	0	16.10	16.33	16.19	17.1	2
15	256QAM	1	37	16.29	16.34	16.18		
15	256QAM	1	74	16.28	16.37	16.38		
15	256QAM	36	0	16.26	16.19	16.13	17.1	2
15	256QAM	36	20	16.14	16.20	16.16		
15	256QAM	36	39	16.25	16.36	16.39		
15	256QAM	75	0	16.29	16.25	16.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.81	17.87	17.75	19.1	0
10	QPSK	1	25	17.75	17.55	17.65		
10	QPSK	1	49	17.79	17.83	17.66		
10	QPSK	25	0	17.76	17.82	17.85	19.1	0
10	QPSK	25	12	17.72	17.86	17.79		
10	QPSK	25	25	17.84	17.64	17.64		
10	QPSK	50	0	17.66	17.78	17.76		
10	16QAM	1	0	17.68	17.66	17.57	19.1	0
10	16QAM	1	25	17.61	17.63	17.78		
10	16QAM	1	49	17.56	17.72	17.61		
10	16QAM	25	0	17.75	17.81	17.87	19.1	0
10	16QAM	25	12	17.61	17.68	17.73		
10	16QAM	25	25	17.60	17.68	17.78		
10	16QAM	50	0	17.65	17.75	17.58		
10	64QAM	1	0	17.53	17.68	17.60	19.1	0
10	64QAM	1	25	17.65	17.65	17.56		
10	64QAM	1	49	17.82	17.57	17.69		
10	64QAM	25	0	17.67	17.84	17.73	19.1	0
10	64QAM	25	12	17.68	17.86	17.80		
10	64QAM	25	25	17.71	17.68	17.59		
10	64QAM	50	0	17.66	17.75	17.67		
10	256QAM	1	0	16.18	16.28	16.19	17.1	2
10	256QAM	1	25	16.29	16.27	16.14		
10	256QAM	1	49	16.26	16.40	16.36		
10	256QAM	25	0	16.30	16.23	16.12	17.1	2
10	256QAM	25	12	16.10	16.20	16.09		
10	256QAM	25	25	16.27	16.31	16.41		
10	256QAM	50	0	16.25	16.19	16.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.68	17.93	17.70	19.1	0
5	QPSK	1	12	17.87	17.59	17.75		
5	QPSK	1	24	17.76	17.85	17.70		
5	QPSK	12	0	17.83	17.75	17.85	19.1	0
5	QPSK	12	7	17.80	17.67	17.83		
5	QPSK	12	13	17.89	17.70	17.68		
5	QPSK	25	0	17.64	17.72	17.87		
5	16QAM	1	0	17.65	17.59	17.58	19.1	0
5	16QAM	1	12	17.57	17.51	17.64		
5	16QAM	1	24	17.60	17.76	17.62		
5	16QAM	12	0	17.77	17.67	17.87	19.1	0
5	16QAM	12	7	17.58	17.78	17.77		
5	16QAM	12	13	17.64	17.64	17.67		
5	16QAM	25	0	17.67	17.69	17.68		
5	64QAM	1	0	17.58	17.85	17.63	19.1	0
5	64QAM	1	12	17.64	17.71	17.71		
5	64QAM	1	24	17.80	17.57	17.58		
5	64QAM	12	0	17.70	17.81	17.80	19.1	0
5	64QAM	12	7	17.71	17.87	17.88		
5	64QAM	12	13	17.78	17.56	17.64		
5	64QAM	25	0	17.70	17.77	17.78		
5	256QAM	1	0	16.12	16.24	16.20	17.1	2
5	256QAM	1	12	16.24	16.30	16.20		
5	256QAM	1	24	16.29	16.38	16.30		
5	256QAM	12	0	16.25	16.26	16.15	17.1	2
5	256QAM	12	7	16.12	16.15	16.15		
5	256QAM	12	13	16.28	16.30	16.44		
5	256QAM	25	0	16.34	16.17	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	17.32	17.34	17.29	18.4	0
20	QPSK	1	49	17.21	17.22	17.22		
20	QPSK	1	99	17.08	17.22	17.07		
20	QPSK	50	0	17.26	17.31	17.24	18.4	0
20	QPSK	50	24	17.30	17.26	17.24		
20	QPSK	50	50	17.22	17.29	17.18		
20	QPSK	100	0	17.16	17.28	17.19		
20	16QAM	1	0	17.21	17.19	17.21	18.4	0
20	16QAM	1	49	17.12	17.27	17.24		
20	16QAM	1	99	17.25	17.10	17.08		
20	16QAM	50	0	17.11	17.26	17.09	18.4	0
20	16QAM	50	24	17.08	17.24	17.14		
20	16QAM	50	50	17.25	17.08	17.15		
20	16QAM	100	0	17.17	17.16	17.10		
20	64QAM	1	0	17.27	17.12	17.14	18.4	0
20	64QAM	1	49	17.19	17.18	17.08		
20	64QAM	1	99	17.23	17.29	17.26		
20	64QAM	50	0	17.11	17.22	17.28	18.4	0
20	64QAM	50	24	17.15	17.20	17.28		
20	64QAM	50	50	17.15	17.22	17.11		
20	64QAM	100	0	17.13	17.26	17.21		
20	256QAM	1	0	16.22	16.32	16.28	17.4	1
20	256QAM	1	49	16.24	16.25	16.23		
20	256QAM	1	99	16.36	16.26	16.30		
20	256QAM	50	0	16.22	16.25	16.31	17.4	1
20	256QAM	50	24	16.37	16.38	16.27		
20	256QAM	50	50	16.29	16.33	16.33		
20	256QAM	100	0	16.21	16.24	16.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.25	17.29	17.14	18.4	0
15	QPSK	1	37	17.16	17.16	17.04		
15	QPSK	1	74	17.01	17.12	16.89		
15	QPSK	36	0	17.09	17.23	17.05	18.4	0
15	QPSK	36	20	17.21	17.15	17.11		
15	QPSK	36	39	17.04	17.15	17.07		
15	QPSK	75	0	16.99	17.10	17.04		
15	16QAM	1	0	17.02	17.10	17.15	18.4	0
15	16QAM	1	37	16.98	17.13	17.16		
15	16QAM	1	74	17.05	17.05	17.00		
15	16QAM	36	0	16.95	17.09	17.05	18.4	0
15	16QAM	36	20	16.91	17.13	17.02		
15	16QAM	36	39	17.22	17.03	16.93		
15	16QAM	75	0	17.08	17.09	17.04		
15	64QAM	1	0	17.07	16.97	17.02	18.4	0
15	64QAM	1	37	17.12	16.99	16.89		
15	64QAM	1	74	17.19	17.20	17.05		
15	64QAM	36	0	17.07	17.20	17.07	18.4	0
15	64QAM	36	20	17.10	17.13	17.16		
15	64QAM	36	39	17.01	17.10	17.04		
15	64QAM	75	0	17.02	17.14	17.15		
15	256QAM	1	0	16.15	16.26	16.16	17.4	1
15	256QAM	1	37	16.21	16.17	16.16		
15	256QAM	1	74	16.26	16.17	16.26		
15	256QAM	36	0	16.19	16.18	16.23	17.4	1
15	256QAM	36	20	16.27	16.27	16.22		
15	256QAM	36	39	16.19	16.23	16.26		
15	256QAM	75	0	16.15	16.14	16.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.16	17.19	17.09	18.4	0
10	QPSK	1	25	17.13	17.17	17.18		
10	QPSK	1	49	16.89	17.08	17.03		
10	QPSK	25	0	17.22	17.10	17.11	18.4	0
10	QPSK	25	12	17.21	17.13	17.11		
10	QPSK	25	25	17.18	17.12	17.05		
10	QPSK	50	0	17.12	17.22	17.08		
10	16QAM	1	0	17.13	17.08	17.10	18.4	0
10	16QAM	1	25	16.91	17.08	17.05		
10	16QAM	1	49	17.08	16.99	16.98		
10	16QAM	25	0	17.08	17.07	17.03	18.4	0
10	16QAM	25	12	16.97	17.10	16.94		
10	16QAM	25	25	17.15	17.00	16.93		
10	16QAM	50	0	17.08	17.02	17.01		
10	64QAM	1	0	17.07	16.96	17.00	18.4	0
10	64QAM	1	25	17.13	17.07	17.05		
10	64QAM	1	49	17.17	17.11	17.09		
10	64QAM	25	0	16.99	17.06	17.19	18.4	0
10	64QAM	25	12	16.98	17.01	17.06		
10	64QAM	25	25	17.03	17.04	17.05		
10	64QAM	50	0	16.94	17.15	17.04		
10	256QAM	1	0	16.11	16.27	16.15	17.4	1
10	256QAM	1	25	16.13	16.16	16.14		
10	256QAM	1	49	16.30	16.18	16.23		
10	256QAM	25	0	16.12	16.22	16.27	17.4	1
10	256QAM	25	12	16.29	16.31	16.24		
10	256QAM	25	25	16.24	16.29	16.28		
10	256QAM	50	0	16.13	16.13	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.29	17.29	17.20	18.4	0
5	QPSK	1	12	17.02	17.02	17.12		
5	QPSK	1	24	17.04	17.12	17.05		
5	QPSK	12	0	17.23	17.27	17.10	18.4	0
5	QPSK	12	7	17.22	17.09	17.05		
5	QPSK	12	13	17.10	17.24	17.07		
5	QPSK	25	0	17.03	17.23	17.08		
5	16QAM	1	0	17.17	17.04	17.18	18.4	0
5	16QAM	1	12	17.01	17.20	17.07		
5	16QAM	1	24	17.16	16.98	16.91		
5	16QAM	12	0	17.06	17.07	16.97	18.4	0
5	16QAM	12	7	17.02	17.16	16.99		
5	16QAM	12	13	17.20	16.92	17.02		
5	16QAM	25	0	17.02	16.97	17.07		
5	64QAM	1	0	17.19	16.90	17.10	18.4	0
5	64QAM	1	12	17.08	17.03	16.87		
5	64QAM	1	24	17.14	17.16	17.05		
5	64QAM	12	0	17.06	17.14	17.14	18.4	0
5	64QAM	12	7	17.02	16.99	17.21		
5	64QAM	12	13	16.97	17.19	16.98		
5	64QAM	25	0	16.98	17.11	17.17		
5	256QAM	1	0	16.12	16.28	16.22	17.4	1
5	256QAM	1	12	16.13	16.20	16.18		
5	256QAM	1	24	16.30	16.17	16.20		
5	256QAM	12	0	16.14	16.15	16.22	17.4	1
5	256QAM	12	7	16.26	16.28	16.16		
5	256QAM	12	13	16.26	16.28	16.26		
5	256QAM	25	0	16.12	16.13	16.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.15	17.28	17.26	18.4	0
3	QPSK	1	8	17.18	17.10	17.00		
3	QPSK	1	14	17.01	17.07	16.92		
3	QPSK	8	0	17.19	17.18	17.15	18.4	0
3	QPSK	8	4	17.23	17.19	17.07		
3	QPSK	8	7	17.13	17.25	16.99		
3	QPSK	15	0	16.99	17.07	16.97		
3	16QAM	1	0	17.15	17.13	17.07	18.4	0
3	16QAM	1	8	17.09	17.15	17.11		
3	16QAM	1	14	17.17	16.93	16.88		
3	16QAM	8	0	16.99	17.16	16.98	18.4	0
3	16QAM	8	4	16.97	17.05	17.07		
3	16QAM	8	7	17.07	16.89	17.09		
3	16QAM	15	0	16.99	17.13	16.96		
3	64QAM	1	0	17.07	17.05	16.95	18.4	0
3	64QAM	1	8	17.10	17.04	16.87		
3	64QAM	1	14	17.03	17.09	17.12		
3	64QAM	8	0	17.05	17.12	17.23	18.4	0
3	64QAM	8	4	17.05	17.07	17.12		
3	64QAM	8	7	17.12	17.12	17.09		
3	64QAM	15	0	17.02	17.05	17.12		
3	256QAM	1	0	16.12	16.25	16.23	17.4	1
3	256QAM	1	8	16.14	16.12	16.11		
3	256QAM	1	14	16.27	16.17	16.23		
3	256QAM	8	0	16.17	16.19	16.25	17.4	1
3	256QAM	8	4	16.27	16.34	16.16		
3	256QAM	8	7	16.17	16.22	16.24		
3	256QAM	15	0	16.14	16.19	16.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.20	17.28	17.12	18.4	0
1.4	QPSK	1	3	17.04	17.03	17.10		
1.4	QPSK	1	5	16.95	17.07	16.88		
1.4	QPSK	3	0	17.23	17.19	17.03		
1.4	QPSK	3	1	17.21	17.07	17.09		
1.4	QPSK	3	3	17.11	17.23	17.07		
1.4	QPSK	6	0	16.99	17.18	17.06	18.4	0
1.4	16QAM	1	0	17.19	17.07	17.07	18.4	0
1.4	16QAM	1	3	16.97	17.21	17.17		
1.4	16QAM	1	5	17.05	16.95	16.96		
1.4	16QAM	3	0	16.91	17.14	16.97		
1.4	16QAM	3	1	17.02	17.20	17.05		
1.4	16QAM	3	3	17.04	16.99	17.04		
1.4	16QAM	6	0	17.12	17.03	16.92	18.4	0
1.4	64QAM	1	0	17.23	17.03	16.95	18.4	0
1.4	64QAM	1	3	16.99	17.13	17.01		
1.4	64QAM	1	5	17.18	17.27	17.08		
1.4	64QAM	3	0	16.93	17.18	17.20		
1.4	64QAM	3	1	16.98	17.02	17.15		
1.4	64QAM	3	3	17.10	17.20	16.97		
1.4	64QAM	6	0	16.95	17.12	17.08	18.4	0
1.4	256QAM	1	0	16.15	16.22	16.21	17.4	1
1.4	256QAM	1	3	16.17	16.14	16.13		
1.4	256QAM	1	5	16.30	16.15	16.24		
1.4	256QAM	3	0	16.18	16.19	16.28		
1.4	256QAM	3	1	16.31	16.33	16.23		
1.4	256QAM	3	3	16.20	16.25	16.22		
1.4	256QAM	6	0	16.16	16.14	16.21	17.4	1

Band 2 Ant1

BW [MHz]	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	15.97	16.04	16.01		
20	QPSK	1	49	16.01	15.87	15.82	17.3	0
20	QPSK	1	99	16.00	15.91	15.90		
20	QPSK	50	0	15.93	16.02	15.92		
20	QPSK	50	24	15.91	16.00	15.81	17.3	0
20	QPSK	50	50	15.94	15.92	15.99		
20	QPSK	100	0	15.80	15.91	16.00		
20	16QAM	1	0	15.93	15.85	16.03		
20	16QAM	1	49	15.94	15.88	15.86	17.3	0
20	16QAM	1	99	15.85	15.87	16.02		
20	16QAM	50	0	16.02	15.91	16.01		
20	16QAM	50	24	15.87	15.80	15.95	17.3	0
20	16QAM	50	50	15.98	15.97	16.00		
20	16QAM	100	0	15.98	15.88	15.84		
20	64QAM	1	0	15.81	15.95	15.99		
20	64QAM	1	49	15.80	15.89	15.84	17.3	0
20	64QAM	1	99	15.96	16.00	15.87		
20	64QAM	50	0	15.91	15.95	15.96		
20	64QAM	50	24	15.92	15.98	15.99	17.3	0
20	64QAM	50	50	15.81	15.94	16.00		
20	64QAM	100	0	15.88	15.80	15.94		
20	256QAM	1	0	15.86	15.89	15.97		
20	256QAM	1	49	15.90	15.88	15.85	17.3	0
20	256QAM	1	99	15.83	15.97	15.94		
20	256QAM	50	0	15.83	16.00	15.83		
20	256QAM	50	24	15.82	15.90	15.91	17.3	0
20	256QAM	50	50	15.80	15.97	15.94		
20	256QAM	100	0	15.95	15.98	16.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.77	15.85	15.93		
15	QPSK	1	37	15.98	15.93	15.80	17.3	0
15	QPSK	1	74	15.89	15.81	15.70		
15	QPSK	36	0	15.82	15.94	15.90		
15	QPSK	36	20	15.74	15.92	15.64	17.3	0
15	QPSK	36	39	15.92	15.93	15.95		
15	QPSK	75	0	15.59	15.87	15.95		
15	16QAM	1	0	15.90	15.85	15.82		
15	16QAM	1	37	15.89	15.81	15.73	17.3	0
15	16QAM	1	74	15.73	15.73	15.86		
15	16QAM	36	0	15.97	15.87	15.83		
15	16QAM	36	20	15.74	15.85	15.89	17.3	0
15	16QAM	36	39	15.80	15.86	15.83		
15	16QAM	75	0	15.85	15.70	15.79		
15	64QAM	1	0	15.75	15.84	15.77		
15	64QAM	1	37	15.77	15.73	15.75	17.3	0
15	64QAM	1	74	15.92	15.81	15.77		
15	64QAM	36	0	15.80	15.84	15.88		
15	64QAM	36	20	15.88	15.78	15.83	17.3	0
15	64QAM	36	39	15.59	15.76	15.80		
15	64QAM	75	0	15.86	15.68	15.77		
15	256QAM	1	0	15.71	15.77	15.81		
15	256QAM	1	37	15.77	15.66	15.70	17.3	0
15	256QAM	1	74	15.63	15.89	15.86		
15	256QAM	36	0	15.75	15.96	15.77		
15	256QAM	36	20	15.69	15.70	15.88	17.3	0
15	256QAM	36	39	15.59	15.77	15.75		
15	256QAM	75	0	15.73	15.94	15.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.89	15.96	15.85		
10	QPSK	1	25	15.83	15.74	15.79	17.3	0
10	QPSK	1	49	15.87	15.80	15.76		
10	QPSK	25	0	15.79	15.89	15.83		
10	QPSK	25	12	15.73	15.93	15.71	17.3	0
10	QPSK	25	25	15.74	15.73	15.92		
10	QPSK	50	0	15.70	15.97	15.98		
10	16QAM	1	0	15.73	15.65	15.86		
10	16QAM	1	25	15.85	15.85	15.68	17.3	0
10	16QAM	1	49	15.80	15.97	15.77		
10	16QAM	25	0	15.96	15.82	15.86		
10	16QAM	25	12	15.65	15.60	15.74	17.3	0
10	16QAM	25	25	15.94	15.75	15.81		
10	16QAM	50	0	15.91	15.83	15.76		
10	64QAM	1	0	15.78	15.76	15.80		
10	64QAM	1	25	15.71	15.83	15.70	17.3	0
10	64QAM	1	49	15.86	15.85	15.72		
10	64QAM	25	0	15.79	15.77	15.88		
10	64QAM	25	12	15.90	15.79	15.80	17.3	0
10	64QAM	25	25	15.75	15.75	15.91		
10	64QAM	50	0	15.81	15.73	15.75		
10	256QAM	1	0	15.79	15.85	15.76		
10	256QAM	1	25	15.79	15.81	15.67	17.3	0
10	256QAM	1	49	15.62	15.90	15.88		
10	256QAM	25	0	15.66	15.93	15.76		
10	256QAM	25	12	15.69	15.72	15.72	17.3	0
10	256QAM	25	25	15.73	15.79	15.81		
10	256QAM	50	0	15.78	15.76	15.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.85	15.98	15.86		
5	QPSK	1	12	15.94	15.79	15.60	17.3	0
5	QPSK	1	24	15.97	15.90	15.79		
5	QPSK	12	0	15.84	15.93	15.77		
5	QPSK	12	7	15.79	15.88	15.72	17.3	0
5	QPSK	12	13	15.82	15.74	15.81		
5	QPSK	25	0	15.70	15.90	15.82		
5	16QAM	1	0	15.83	15.67	15.93		
5	16QAM	1	12	15.91	15.78	15.83	17.3	0
5	16QAM	1	24	15.67	15.75	15.98		
5	16QAM	12	0	15.87	15.77	15.82		
5	16QAM	12	7	15.67	15.62	15.82	17.3	0
5	16QAM	12	13	15.79	15.88	15.72		
5	16QAM	25	0	15.94	15.67	15.73		
5	64QAM	1	0	15.75	15.82	15.86		
5	64QAM	1	12	15.77	15.85	15.77	17.3	0
5	64QAM	1	24	15.77	15.83	15.67		
5	64QAM	12	0	15.85	15.73	15.87		
5	64QAM	12	7	15.73	15.83	15.86	17.3	0
5	64QAM	12	13	15.73	15.84	15.98		
5	64QAM	25	0	15.72	15.94	15.78		
5	256QAM	1	0	15.70	15.71	15.82		
5	256QAM	1	12	15.83	15.83	15.81	17.3	0
5	256QAM	1	24	15.77	15.92	15.90		
5	256QAM	12	0	15.66	15.95	15.71		
5	256QAM	12	7	15.79	15.71	15.80	17.3	0
5	256QAM	12	13	15.68	15.81	15.64		
5	256QAM	25	0	15.90	15.77	15.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.82	15.90	15.85		
3	QPSK	1	8	15.95	15.68	15.66	17.3	0
3	QPSK	1	14	15.96	15.84	15.85		
3	QPSK	8	0	15.90	15.90	15.80		
3	QPSK	8	4	15.69	15.94	15.77	17.3	0
3	QPSK	8	7	15.75	15.83	15.84		
3	QPSK	15	0	15.61	15.85	15.87		
3	16QAM	1	0	15.79	15.74	15.91		
3	16QAM	1	8	15.80	15.83	15.66	17.3	0
3	16QAM	1	14	15.71	15.84	15.86		
3	16QAM	8	0	15.97	15.82	15.90		
3	16QAM	8	4	15.74	15.72	15.73	17.3	0
3	16QAM	8	7	15.90	15.88	15.86		
3	16QAM	15	0	15.96	15.76	15.68		
3	64QAM	1	0	15.78	15.88	15.86		
3	64QAM	1	8	15.60	15.77	15.75	17.3	0
3	64QAM	1	14	15.91	15.81	15.75		
3	64QAM	8	0	15.76	15.90	15.79		
3	64QAM	8	4	15.77	15.93	15.91	17.3	0
3	64QAM	8	7	15.75	15.93	15.81		
3	64QAM	15	0	15.80	15.66	15.84		
3	256QAM	1	0	15.78	15.74	15.86		
3	256QAM	1	8	15.87	15.72	15.77	17.3	0
3	256QAM	1	14	15.64	15.79	15.85		
3	256QAM	8	0	15.77	15.83	15.77		
3	256QAM	8	4	15.73	15.72	15.87	17.3	0
3	256QAM	8	7	15.62	15.75	15.76		
3	256QAM	15	0	15.75	15.80	15.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.94	15.84	15.84		
1.4	QPSK	1	3	15.99	15.80	15.70		
1.4	QPSK	1	5	15.89	15.87	15.77	17.3	0
1.4	QPSK	3	0	15.79	15.96	15.81		
1.4	QPSK	3	1	15.69	15.80	15.66		
1.4	QPSK	3	3	15.78	15.89	15.96		
1.4	QPSK	6	0	15.72	15.86	15.89	17.3	0
1.4	16QAM	1	0	15.80	15.77	15.95		
1.4	16QAM	1	3	15.72	15.82	15.72		
1.4	16QAM	1	5	15.75	15.68	15.99	17.3	0
1.4	16QAM	3	0	15.86	15.69	15.97		
1.4	16QAM	3	1	15.78	15.65	15.87		
1.4	16QAM	3	3	15.80	15.78	15.84		
1.4	16QAM	6	0	15.91	15.72	15.70	17.3	0
1.4	64QAM	1	0	15.69	15.87	15.87		
1.4	64QAM	1	3	15.99	15.70	15.65		
1.4	64QAM	1	5	15.90	15.94	15.76	17.3	0
1.4	64QAM	3	0	15.85	15.76	15.88		
1.4	64QAM	3	1	15.78	15.85	15.96		
1.4	64QAM	3	3	15.75	15.78	15.98		
1.4	64QAM	6	0	15.74	15.76	15.77	17.3	0
1.4	256QAM	1	0	15.68	15.83	15.82		
1.4	256QAM	1	3	15.72	15.74	15.79		
1.4	256QAM	1	5	15.69	15.79	15.81	17.3	0
1.4	256QAM	3	0	15.71	15.82	15.72		
1.4	256QAM	3	1	15.78	15.87	15.78		
1.4	256QAM	3	3	15.73	15.86	15.72		
1.4	256QAM	6	0	15.80	15.91	15.90	17.3	0

Band 4 Ant1

BW [MHz]	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	18.66	18.68	18.58		
20	QPSK	1	49	18.45	18.62	18.54	20.3	0
20	QPSK	1	99	18.48	18.55	18.57		
20	QPSK	50	0	18.62	18.67	18.54		
20	QPSK	50	24	18.59	18.63	18.66	20.3	0
20	QPSK	50	50	18.49	18.55	18.49		
20	QPSK	100	0	18.47	18.62	18.59		
20	16QAM	1	0	18.56	18.48	18.45		
20	16QAM	1	49	18.45	18.59	18.63	20.3	0
20	16QAM	1	99	18.64	18.51	18.62		
20	16QAM	50	0	18.57	18.55	18.58		
20	16QAM	50	24	18.63	18.66	18.50	20.3	0
20	16QAM	50	50	18.46	18.65	18.52		
20	16QAM	100	0	18.53	18.57	18.67		
20	64QAM	1	0	18.44	18.65	18.45		
20	64QAM	1	49	18.53	18.65	18.62	20.3	0
20	64QAM	1	99	18.57	18.55	18.62		
20	64QAM	50	0	18.64	18.65	18.45		
20	64QAM	50	24	18.65	18.61	18.49	20.3	0
20	64QAM	50	50	18.50	18.59	18.66		
20	64QAM	100	0	18.64	18.57	18.62		
20	256QAM	1	0	16.96	16.86	16.80		
20	256QAM	1	49	16.74	16.94	16.76	18.3	2
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84		
20	256QAM	50	24	16.92	16.96	16.77	18.3	2
20	256QAM	50	50	16.76	16.86	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.50	18.53	18.41		
15	QPSK	1	37	18.40	18.49	18.48	20.3	0
15	QPSK	1	74	18.40	18.42	18.49		
15	QPSK	36	0	18.50	18.56	18.50		
15	QPSK	36	20	18.55	18.61	18.59	20.3	0
15	QPSK	36	39	18.40	18.61	18.40		
15	QPSK	75	0	18.32	18.55	18.44		
15	16QAM	1	0	18.48	18.32	18.31		
15	16QAM	1	37	18.36	18.42	18.54	20.3	0
15	16QAM	1	74	18.55	18.48	18.48		
15	16QAM	36	0	18.54	18.50	18.53		
15	16QAM	36	20	18.61	18.54	18.47	20.3	0
15	16QAM	36	39	18.31	18.51	18.35		
15	16QAM	75	0	18.36	18.39	18.54		
15	64QAM	1	0	18.41	18.47	18.38		
15	64QAM	1	37	18.37	18.54	18.60	20.3	0
15	64QAM	1	74	18.53	18.53	18.49		
15	64QAM	36	0	18.45	18.47	18.35		
15	64QAM	36	20	18.38	18.46	18.50	20.3	0
15	64QAM	36	39	18.47	18.50	18.55		
15	64QAM	75	0	18.39	18.47	18.50		
15	256QAM	1	0	16.65	16.54	16.66		
15	256QAM	1	37	16.64	16.58	16.50	18.3	2
15	256QAM	1	74	16.60	16.55	16.46		
15	256QAM	36	0	16.59	16.52	16.56		
15	256QAM	36	20	16.49	16.39	16.46	18.3	2
15	256QAM	36	39	16.63	16.59	16.44		
15	256QAM	75	0	16.41	16.51	16.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.59	18.54	18.48		
10	QPSK	1	25	18.30	18.58	18.36	20.3	0
10	QPSK	1	49	18.35	18.39	18.39		
10	QPSK	25	0	18.59	18.56	18.44		
10	QPSK	25	12	18.48	18.60	18.49	20.3	0
10	QPSK	25	25	18.35	18.46	18.31		
10	QPSK	50	0	18.43	18.58	18.43		
10	16QAM	1	0	18.40	18.39	18.33		
10	16QAM	1	25	18.49	18.44	18.50	20.3	0
10	16QAM	1	49	18.50	18.49	18.59		
10	16QAM	25	0	18.42	18.43	18.46		
10	16QAM	25	12	18.60	18.64	18.37	20.3	0
10	16QAM	25	25	18.37	18.55	18.41		
10	16QAM	50	0	18.47	18.46	18.62		
10	64QAM	1	0	18.49	18.34	18.32		
10	64QAM	1	25	18.50	18.60	18.56	20.3	0
10	64QAM	1	49	18.44	18.52	18.57		
10	64QAM	25	0	18.45	18.44	18.30		
10	64QAM	25	12	18.39	18.47	18.57	20.3	0
10	64QAM	25	25	18.47	18.48	18.61		
10	64QAM	50	0	18.42	18.56	18.44		
10	256QAM	1	0	16.66	16.53	16.69		
10	256QAM	1	25	16.58	16.60	16.51	18.3	2
10	256QAM	1	49	16.60	16.53	16.40		
10	256QAM	25	0	16.61	16.54	16.57		
10	256QAM	25	12	16.54	16.41	16.47	18.3	2
10	256QAM	25	25	16.62	16.65	16.48		
10	256QAM	50	0	16.39	16.50	16.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.63	18.60	18.42		
5	QPSK	1	12	18.41	18.57	18.51	20.3	0
5	QPSK	1	24	18.42	18.42	18.53		
5	QPSK	12	0	18.56	18.50	18.40		
5	QPSK	12	7	18.57	18.60	18.60	20.3	0
5	QPSK	12	13	18.41	18.42	18.31		
5	QPSK	25	0	18.39	18.56	18.44		
5	16QAM	1	0	18.50	18.31	18.33		
5	16QAM	1	12	18.30	18.44	18.51	20.3	0
5	16QAM	1	24	18.51	18.41	18.54		
5	16QAM	12	0	18.52	18.48	18.54		
5	16QAM	12	7	18.52	18.55	18.44	20.3	0
5	16QAM	12	13	18.35	18.54	18.48		
5	16QAM	25	0	18.40	18.53	18.51		
5	64QAM	1	0	18.34	18.35	18.31		
5	64QAM	1	12	18.45	18.57	18.57	20.3	0
5	64QAM	1	24	18.52	18.57	18.54		
5	64QAM	12	0	18.49	18.43	18.37		
5	64QAM	12	7	18.41	18.52	18.50	20.3	0
5	64QAM	12	13	18.48	18.45	18.61		
5	64QAM	25	0	18.39	18.48	18.43		
5	256QAM	1	0	16.61	16.55	16.64		
5	256QAM	1	12	16.57	16.63	16.47	18.3	2
5	256QAM	1	24	16.58	16.52	16.41		
5	256QAM	12	0	16.59	16.48	16.54		
5	256QAM	12	7	16.46	16.41	16.52	18.3	2
5	256QAM	12	13	16.64	16.65	16.49		
5	256QAM	25	0	16.43	16.51	16.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.51	18.54	18.43		
3	QPSK	1	8	18.39	18.45	18.46	20.3	0
3	QPSK	1	14	18.42	18.39	18.54		
3	QPSK	8	0	18.52	18.53	18.37		
3	QPSK	8	4	18.47	18.55	18.54	20.3	0
3	QPSK	8	7	18.41	18.48	18.40		
3	QPSK	15	0	18.43	18.44	18.49		
3	16QAM	1	0	18.47	18.41	18.41		
3	16QAM	1	8	18.33	18.57	18.55	20.3	0
3	16QAM	1	14	18.48	18.42	18.46		
3	16QAM	8	0	18.51	18.49	18.54		
3	16QAM	8	4	18.46	18.53	18.46	20.3	0
3	16QAM	8	7	18.33	18.51	18.35		
3	16QAM	15	0	18.47	18.45	18.58		
3	64QAM	1	0	18.37	18.43	18.49		
3	64QAM	1	8	18.51	18.54	18.55	20.3	0
3	64QAM	1	14	18.55	18.42	18.56		
3	64QAM	8	0	18.49	18.48	18.38		
3	64QAM	8	4	18.41	18.51	18.53	20.3	0
3	64QAM	8	7	18.44	18.51	18.61		
3	64QAM	15	0	18.40	18.53	18.46		
3	256QAM	1	0	16.70	16.57	16.65		
3	256QAM	1	8	16.64	16.62	16.53	18.3	2
3	256QAM	1	14	16.56	16.57	16.46		
3	256QAM	8	0	16.58	16.51	16.52		
3	256QAM	8	4	16.47	16.38	16.44	18.3	2
3	256QAM	8	7	16.59	16.62	16.45		
3	256QAM	15	0	16.38	16.49	16.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.53	18.61	18.53		
1.4	QPSK	1	3	18.37	18.56	18.51		
1.4	QPSK	1	5	18.31	18.37	18.48	20.3	0
1.4	QPSK	3	0	18.50	18.55	18.47		
1.4	QPSK	3	1	18.48	18.48	18.61		
1.4	QPSK	3	3	18.33	18.38	18.33		
1.4	QPSK	6	0	18.34	18.55	18.47	20.3	0
1.4	16QAM	1	0	18.38	18.31	18.37		
1.4	16QAM	1	3	18.43	18.56	18.50		
1.4	16QAM	1	5	18.52	18.45	18.56	20.3	0
1.4	16QAM	3	0	18.49	18.49	18.50		
1.4	16QAM	3	1	18.49	18.61	18.39		
1.4	16QAM	3	3	18.34	18.58	18.40		
1.4	16QAM	6	0	18.39	18.52	18.62	20.3	0
1.4	64QAM	1	0	18.32	18.35	18.42		
1.4	64QAM	1	3	18.37	18.58	18.50		
1.4	64QAM	1	5	18.40	18.45	18.49	20.3	0
1.4	64QAM	3	0	18.63	18.65	18.43		
1.4	64QAM	3	1	18.42	18.47	18.49		
1.4	64QAM	3	3	18.32	18.45	18.51		
1.4	64QAM	6	0	18.38	18.44	18.33	20.3	0
1.4	256QAM	1	0	16.57	16.53	16.52		
1.4	256QAM	1	3	16.60	16.57	16.42		
1.4	256QAM	1	5	16.58	16.44	16.42	18.3	2
1.4	256QAM	3	0	16.40	16.47	16.47		
1.4	256QAM	3	1	16.38	16.31	16.36		
1.4	256QAM	3	3	16.57	16.54	16.41		
1.4	256QAM	6	0	16.34	16.37	16.37	18.3	2

Band 7 Ant1

BW [MHz]	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	17.64	17.66	17.61		
20	QPSK	1	49	17.43	17.48	17.44	19	0
20	QPSK	1	99	17.41	17.50	17.60		
20	QPSK	50	0	17.59	17.63	17.54		
20	QPSK	50	24	17.41	17.56	17.59	19	0
20	QPSK	50	50	17.46	17.45	17.56		
20	QPSK	100	0	17.43	17.61	17.49		
20	16QAM	1	0	17.51	17.42	17.55		
20	16QAM	1	49	17.58	17.44	17.63	19

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.70	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.99		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.77	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	21.65	21.60		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.85		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	21.85	21.89	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.74	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.69	17.65	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.61	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.82	21.68		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.65	20.75	20.79		
10	16QAM	50	0	20.83	20.76	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.81	17.69	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.77	17.77	17.68	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.08	22.06	22.10	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.76	20.80	20.84		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	20.99	21.00		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.68	19.74	19.91		
5	256QAM	1	0	17.96	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.86		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.90	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.80	17.78	17.65	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18667	18900	19133	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	21.80	22.04	21.99		
20	QPSK	1	49	21.85	22.02	21.89	23.3	0
20	QPSK	1	99	21.83	21.96	21.88		
20	QPSK	50	0	22.01	22.02	21.96		
20	QPSK	50	24	21.82	21.90	21.97	23.3	0
20	QPSK	50	50	21.87	21.91	21.94		
20	QPSK	100	0	21.92	21.95	21.88		
20	16QAM	1	0	21.91	21.97	21.81		
20	16QAM	1	49	21.98	21.93	22.00	23.3	0
20	16QAM	1	99	21.88	22.00	21.85		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22.3	1
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.22	21.21	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22.3	1
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21.3	2
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19.3	4
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19.3	4
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.69	21.91	21.87		
15	QPSK	1	37	21.76	21.91	21.81	23.3	0
15	QPSK	1	74	21.73	21.87	21.71		
15	QPSK	36	0	21.93	21.88	21.88		
15	QPSK	36	20	21.61	21.73	21.91	23.3	0
15	QPSK	36	39	21.74	21.79	21.78		
15	QPSK	75	0	21.89	21.78	21.67		
15	16QAM	1	0	21.85	21.93	21.68		
15	16QAM	1	37	21.90	21.80	21.87	23.3	0
15	16QAM	1	74	21.75	21.83	21.82		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22.3	1
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	20.97	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22.3	1
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.01	19.91	19.95	21.3	2
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.15	18.14	19.3	4
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19.3	4
15	256QAM	36	39	18.04	17.91	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.66	22.02	21.90		
10	QPSK	1	25	21.63	21.92	21.68	23.3	0
10	QPSK	1	49	21.76	21.77	21.68		
10	QPSK	25	0	21.82	21.99	21.85		
10	QPSK	25	12	21.64	21.70	21.81	23.3	0
10	QPSK	25	25	21.78	21.76	21.81		
10	QPSK	50	0	21.85	21.82	21.85		
10	16QAM	1	0	21.86	21.85	21.69		
10	16QAM	1	25	21.93	21.85	21.85	23.3	0
10	16QAM	1	49	21.72	21.97	21.69		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	21.00	20.87	21.02	22.3	1
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22.3	1
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21.3	2
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.07	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19.3	4
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	17.84	17.98	17.91	19.3	4
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.70	21.90	21.84		
5	QPSK	1	12	21.65	21.99	21.74	23.3	0
5	QPSK	1	24	21.67	21.81	21.81		
5	QPSK	12	0	21.91	21.92	21.74		
5	QPSK	12	7	21.63	21.87	21.76	23.3	0
5	QPSK	12	13	21.82	21.72	21.84		
5	QPSK	25	0	21.88	21.82	21.85		
5	16QAM	1	0	21.89	21.90	21.76		
5	16QAM	1	12	21.80	21.92	21.89	23.3	0
5	16QAM	1	24	21.78	21.93	21.83		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22.3	1
5	16QAM	12	13	20.96	20.96	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22.3	1
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21.3	2
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19.3	4
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19.3	4
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.75	21.99	21.90		
3	QPSK	1	8	21.66	21.95	21.81	23.3	0
3	QPSK	1	14	21.78	21.90	21.85		
3	QPSK	8	0	21.85	21.87	21.93		
3	QPSK	8	4	21.78	21.71	21.79	23.3	0
3	QPSK	8	7	21.84	21.85	21.85		
3	QPSK	15	0	21.80	21.84	21.77		
3	16QAM	1	0	21.93	21.90	21.83		
3	16QAM	1	8	21.78	21.86	21.80	23.3	0
3	16QAM	1	14	21.68	21.84	21.71		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.96	21.00	22.3	1
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.05	21.05	22.3	1
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21.3	2
3	64QAM	8	7	20.02	20.06	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19.3	4
3	256QAM	1	14	18.16	18.06	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19.3	4
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.97	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.73	21.91	21.86		
1.4	QPSK	1	3	21.76	21.82	21.84		
1.4	QPSK	1	5	21.73	21.77	21.66	23.3	0
1.4	QPSK	3	0	21.81	21.94	21.93		
1.4	QPSK	3	1	21.76	21.71	21.84		
1.4	QPSK	3	3	21.66	21.71	21.72		
1.4	QPSK	6	0	21.63	21.80	21.70	23.3	0
1.4	16QAM	1	0	21.85	21.79	21.61		
1.4	16QAM	1	3	21.83	21.88	21.93		
1.4	16QAM	1	5	21.68	21.92	21.73	23.3	0
1.4	16QAM	3	0	21.69	22.01	21.83		
1.4	16QAM	3	1	21.72	21.82	21.82		
1.4	16QAM	3	3	21.77	21.75	21.69		
1.4	16QAM	6	0	20.76	20.64	20.74	22.3	1
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22.3	1
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.83	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21.3	2
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.66	17.61		
1.4	256QAM	1	5	17.76	17.67	17.64	19.3	4
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19.3	4

Band 7 Ant2

BW [MHz]	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	23.06	23.14	22.92		
20	QPSK	1	49	22.95	23.13	22.73	24	0
20	QPSK	1	99	22.94	22.96	22.91		
20	QPSK	50	0	21.89	21.97	21.92		
20	QPSK	50	24	21.83	21.76	21.95	23	1
20	QPSK	50	50	21.91	21.89	21.82		
20	QPSK	100	0	21.76	21.93	21.80		
20	16QAM	1	0	22.28	22.34	22.38		
20	16QAM	1	49	22.34	22.44	22.38	23	1
20	16QAM	1	99	22.41	22.33	22.41		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM

Band 2 Ant9

BW [MHz]	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	19.41	19.49	19.47		
20	QPSK	1	49	19.29	19.47	19.36	20.8	0
20	QPSK	1	99	19.27	19.46	19.26		
20	QPSK	50	0	19.42	19.46	19.31		
20	QPSK	50	24	19.39	19.29	19.29	20.8	0
20	QPSK	50	50	19.45	19.27	19.22		
20	QPSK	100	0	19.42	19.43	19.30		
20	16QAM	1	0	19.47	19.39	19.47		
20	16QAM	1	49	19.22	19.43	19.40	20.8	0
20	16QAM	1	99	19.38	19.21	19.32		
20	16QAM	50	0	19.22	19.40	19.22		
20	16QAM	50	24	19.34	19.33	19.45	20.8	0
20	16QAM	50	50	19.45	19.29	19.30		
20	16QAM	100	0	19.32	19.22	19.32		
20	64QAM	1	0	19.38	19.25	19.38		
20	64QAM	1	49	19.41	19.25	19.24	20.8	0
20	64QAM	1	99	19.28	19.45	19.38		
20	64QAM	50	0	19.30	19.22	19.46		
20	64QAM	50	24	19.46	19.21	19.29	20.8	0
20	64QAM	50	50	19.42	19.22	19.47		
20	64QAM	100	0	19.27	19.25	19.37		
20	256QAM	1	0	17.76	17.87	17.84		
20	256QAM	1	49	17.89	17.83	17.92	19.3	1.5
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62		
20	256QAM	50	24	17.84	17.87	17.63	19.3	1.5
20	256QAM	50	50	17.73	17.77	17.67		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.32	19.28	19.42		
15	QPSK	1	37	19.14	19.42	19.19	20.8	0
15	QPSK	1	74	19.19	19.20	19.19		
15	QPSK	36	0	19.36	19.38	19.18		
15	QPSK	36	20	19.32	19.15	19.13	20.8	0
15	QPSK	36	39	19.38	19.05	19.19		
15	QPSK	75	0	19.24	19.31	19.21		
15	16QAM	1	0	19.36	19.20	19.30		
15	16QAM	1	37	19.09	19.25	19.19	20.8	0
15	16QAM	1	74	19.19	19.11	19.27		
15	16QAM	36	0	19.17	19.38	19.11		
15	16QAM	36	20	19.31	19.26	19.43	20.8	0
15	16QAM	36	39	19.39	19.26	19.09		
15	16QAM	75	0	19.28	19.17	19.14		
15	64QAM	1	0	19.28	19.04	19.27		
15	64QAM	1	37	19.33	19.06	19.18	20.8	0
15	64QAM	1	74	19.12	19.41	19.31		
15	64QAM	36	0	19.25	19.18	19.30		
15	64QAM	36	20	19.34	19.28	19.10	20.8	0
15	64QAM	36	39	19.31	19.19	19.33		
15	64QAM	75	0	19.18	19.14	19.15		
15	256QAM	1	0	17.67	17.82	17.81		
15	256QAM	1	37	17.83	17.79	17.74	19.3	1.5
15	256QAM	1	74	17.75	17.72	17.64		
15	256QAM	36	0	17.81	17.68	17.50		
15	256QAM	36	20	17.79	17.81	17.56	19.3	1.5
15	256QAM	36	39	17.67	17.64	17.59		
15	256QAM	75	0	17.81	17.73	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.37	19.36	19.40		
10	QPSK	1	25	19.16	19.30	19.18	20.8	0
10	QPSK	1	49	19.17	19.22	19.18		
10	QPSK	25	0	19.26	19.37	19.13		
10	QPSK	25	12	19.30	19.21	19.11	20.8	0
10	QPSK	25	25	19.27	19.18	19.09		
10	QPSK	50	0	19.20	19.35	19.20		
10	16QAM	1	0	19.33	19.35	19.37		
10	16QAM	1	25	19.12	19.35	19.37	20.8	0
10	16QAM	1	49	19.16	19.16	19.16		
10	16QAM	25	0	19.07	19.19	19.17		
10	16QAM	25	12	19.25	19.19	19.24	20.8	0
10	16QAM	25	25	19.28	19.09	19.27		
10	16QAM	50	0	19.27	19.01	19.27		
10	64QAM	1	0	19.20	19.05	19.35		
10	64QAM	1	25	19.30	19.17	19.22	20.8	0
10	64QAM	1	49	19.22	19.26	19.30		
10	64QAM	25	0	19.23	19.11	19.31		
10	64QAM	25	12	19.41	19.11	19.14	20.8	0
10	64QAM	25	25	19.40	19.17	19.43		
10	64QAM	50	0	19.24	19.04	19.30		
10	256QAM	1	0	17.73	17.79	17.80		
10	256QAM	1	25	17.83	17.77	17.78	19.3	1.5
10	256QAM	1	49	17.77	17.67	17.69		
10	256QAM	25	0	17.73	17.66	17.55		
10	256QAM	25	12	17.74	17.81	17.59	19.3	1.5
10	256QAM	25	25	17.66	17.63	17.82		
10	256QAM	50	0	17.82	17.72	17.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.29	19.31	19.40		
5	QPSK	1	12	19.09	19.28	19.18	20.8	0
5	QPSK	1	24	19.08	19.15	19.16		
5	QPSK	12	0	19.35	19.31	19.14		
5	QPSK	12	7	19.14	19.16	19.16	20.8	0
5	QPSK	12	13	19.43	19.21	19.02		
5	QPSK	25	0	19.34	19.31	19.10		
5	16QAM	1	0	19.29	19.35	19.35		
5	16QAM	1	12	19.01	19.30	19.27	20.8	0
5	16QAM	1	24	19.22	19.18	19.30		
5	16QAM	12	0	19.06	19.34	19.01		
5	16QAM	12	7	19.22	19.23	19.40	20.8	0
5	16QAM	12	13	19.36	19.15	19.12		
5	16QAM	25	0	19.28	19.04	19.24		
5	64QAM	1	0	19.26	19.04	19.29		
5	64QAM	1	12	19.22	19.11	19.04	20.8	0
5	64QAM	1	24	19.10	19.23	19.32		
5	64QAM	12	0	19.26	19.17	19.33		
5	64QAM	12	7	19.43	19.20	19.24	20.8	0
5	64QAM	12	13	19.25	19.03	19.32		
5	64QAM	25	0	19.05	19.15	19.28		
5	256QAM	1	0	17.68	17.83	17.73		
5	256QAM	1	12	17.78	17.71	17.75	19.3	1.5
5	256QAM	1	24	17.75	17.71	17.65		
5	256QAM	12	0	17.74	17.83	17.54		
5	256QAM	12	7	17.73	17.83	17.58	19.3	1.5
5	256QAM	12	13	17.67	17.63	17.74		
5	256QAM	25	0	17.79	17.73	17.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.33	19.41	19.30		
3	QPSK	1	8	19.25	19.27	19.31	20.8	0
3	QPSK	1	14	19.08	19.23	19.11		
3	QPSK	8	0	19.34	19.26	19.21		
3	QPSK	8	4	19.25	19.09	19.21	20.8	0
3	QPSK	8	7	19.34	19.21	19.17		
3	QPSK	15	0	19.24	19.41	19.16		
3	16QAM	1	0	19.34	19.29	19.35		
3	16QAM	1	8	19.19	19.31	19.19	20.8	0
3	16QAM	1	14	19.33	19.07	19.10		
3	16QAM	8	0	19.13	19.33	19.02		
3	16QAM	8	4	19.23	19.27	19.30	20.8	0
3	16QAM	8	7	19.34	19.20	19.10		
3	16QAM	15	0	19.14	19.13	19.20		
3	64QAM	1	0	19.26	19.11	19.22		
3	64QAM	1	8	19.28	19.04	19.21	20.8	0
3	64QAM	1	14	19.16	19.30	19.33		
3	64QAM	8	0	19.18	19.17	19.37		
3	64QAM	8	4	19.30	19.18	19.17	20.8	0
3	64QAM	8	7	19.32	19.03	19.45		
3	64QAM	15	0	19.07	19.05	19.35		
3	256QAM	1	0	17.74	17.83	17.77		
3	256QAM	1	8	17.85	17.80	17.73	19.3	1.5
3	256QAM	1	14	17.78	17.70	17.70		
3	256QAM	8	0	17.80	17.64	17.51		
3	256QAM	8	4	17.74	17.81	17.52	19.3	1.5
3	256QAM	8	7	17.70	17.65	17.84		
3	256QAM	15	0	17.78	17.68	17.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.33	19.43	19.36		
1.4	QPSK	1	3	19.27	19.41	19.33		
1.4	QPSK	1	5	19.20	19.11	19.12	20.8	0
1.4	QPSK	3	0	19.25	19.43	19.28		
1.4	QPSK	3	1	19.28	19.12	19.13		
1.4	QPSK	3	3	19.30	19.23	19.16		
1.4	QPSK	6	0	19.25	19.32	19.19	20.8	0
1.4	16QAM	1	0	19.36	19.33	19.38		
1.4	16QAM	1	3	19.13	19.24	19.23		
1.4	16QAM	1	5	19.16	19.17	19.15	20.8	0
1.4	16QAM	3	0	19.07	19.36	19.01		
1.4	16QAM	3	1	19.24	19.19	19.40		
1.4	16QAM	3	3	19.29	19.23	19.16		
1.4	16QAM	6	0	19.20	19.17	19.11	20.8	0
1.4	64QAM	1	0	19.31	19.22	19.29		
1.4	64QAM	1	3	19.14	19.10	19.16		
1.4	64QAM	1	5	19.16	19.24	19.18	20.8	0
1.4	64QAM	3	0	19.09	19.04	19.35		
1.4	64QAM	3	1	19.25	19.15	19.24		
1.4	64QAM	3	3	19.40	19.18	19.26		
1.4	64QAM	6	0	19.18	19.18	19.26	20.8	0
1.4	256QAM	1	0	17.72	17.77	17.74		
1.4	256QAM	1	3	17.84	17.72	17.76		
1.4	256QAM	1	5	17.78	17.72	17.64	19.3	1.5
1.4	256QAM	3	0	17.80	17.66	17.51		
1.4	256QAM	3	1	17.72	17.77	17.59		
1.4	256QAM	3	3	17.68	17.62	17.84		
1.4	256QAM	6	0	17.80	17.72	17.61	19.3	1.5

Band 4 Ant9

BW [MHz]	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	22.09	22.13	22.03		
20	QPSK	1	49	21.89	21.96	22.01	23.7	0
20	QPSK	1	99	21.91	22.01	22.06		
20	QPSK	50	0	21.94	22.11	22.08		
20	QPSK	50	24	22.10	22.04	22.06	23.7	0
20	QPSK	50	50	21.86	21.90	22.07		
20	QPSK	100	0	21.99	22.02	22.05		
20	16QAM	1	0	21.91	21.90	22.08		
20	16QAM	1	49	21.87	21.97	21.89	23.7	0
20	16QAM	1	99	22.11	22.11	22.02		
20	16QAM	50	0	21.95	21.91	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22.7	1
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.24	21.13	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22.7	1
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.02	20.16	21.7	2
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19.7	4
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19.7	4
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.92	21.96	21.99		
15	QPSK	1	37	21.82	21.77	21.87	23.7	0
15	QPSK	1	74	21.75	21.95	21.92		
15	QPSK	36	0	21.91	22.06	21.97		
15	QPSK	36	20	21.89	21.83	22.00	23.7	0
15	QPSK	36	39	21.70	21.76	21.93		
15	QPSK	75	0	21.89	21.89	22.02		
15	16QAM	1	0	21.70	21.77	22.01		
15	16QAM	1	37	21.67	21.93	21.85	23.7	0
15	16QAM	1	74	21.90	21.91	21.90		
15	16QAM	36	0	20.65	20.74	20.59		
15	16QAM	36	20	20.83	20.63	20.71	22.7	1
15	16QAM	36	39	20.80	20.82	20.79		
15	16QAM	75	0	20.75	20.65	20.64		
15	64QAM	1	0	20.76	20.94	20.84		
15	64QAM	1	37	20.99	20.99	20.89	22.7	1
15	64QAM	1	74	20.87	21.01	20.82		
15	64QAM	36	0	19.79	19.67	19.74		
15	64QAM	36	20	19.58	19.71	19.83	21.7	2
15	64QAM	36	39	19.87	19.60	19.68		
15	64QAM	75	0	19.79	19.67	19.76		
15	256QAM	1	0	17.69	17.77	17.77		
15	256QAM	1	37	17.80	17.76	17.77	19.7	4
15	256QAM	1	74	17.74	17.66	17.70		
15	256QAM	36	0	17.80	17.72	17.51		
15	256QAM	36	20	17.72	17.77	17.51	19.7	4
15	256QAM	36	39	17.89	17.62	17.81		
15	256QAM	75	0	17.78	17.65	17.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.04	22.09	22.05		
10	QPSK	1	25	21.76	21.82	21.91	23.7	0
10	QPSK	1	49	21.83	21.80	21.96		
10	QPSK	25	0	21.73	22.03	21.93		
10	QPSK	25	12	21.89	22.01	21.94	23.7	0
10	QPSK	25	25	21.77	21.76	21.95		
10	QPSK	50	0	21.97	22.00	21.87		
10	16QAM	1	0	21.75	21.73	22.04		
10	16QAM	1	25	21.66	21.79	21.84	23.7	0
10	16QAM	1	49	21.91	21.92	21.88		
10	16QAM	25	0	20.62	20.73	20.58		
10	16QAM	25	12	20.78	20.60	20.74	22.7	1
10	16QAM	25	25	20.79	20.78	20.82		
10	16QAM	50	0	20.75	20.68	20.59		
10	64QAM	1	0	20.78	20.91	20.77		
10	64QAM	1	25	20.96	20.93	20.82	22.7	1
10	64QAM	1	49	20.89	21.04	20.81		
10	64QAM	25	0	19.82	19.75	19.76		
10	64QAM	25	12	19.66	19.75	19.79	21.7	2
10	64QAM	25	25	19.84	19.59	19.64		
10	64QAM	50	0	19.79	19.67	19.75		
10	256QAM	1	0	17.69	17.81	17.81		
10	256QAM	1	25	17.78	17.74	17.71	19.7	4
10	256QAM	1	49	17.75	17.67	17.64		
10	256QAM	25	0	17.72	17.63	17.55		
10	256QAM	25	12	17.78	17.74	17.59	19.7	4
10	256QAM	25	25	17.70	17.63	17.78		
10	256QAM	50	0	17.84	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.97	21.92	21.84		
5	QPSK	1	12	21.87	21.85	21.93	23.7	0
5	QPSK	1	24	21.83	21.90	21.99		
5	QPSK	12	0	21.73	21.96	22.01		
5	QPSK	12	7	21.96	21.86	21.95	23.7	0
5	QPSK	12	13	21.70	21.82	21.88		
5	QPSK	25	0	21.77	22.00	22.01		
5	16QAM	1	0	21.81	21.74	21.94		
5	16QAM	1	12	21.74	21.84	21.89	23.7	0
5	16QAM	1	24	22.07	21.98	21.80		
5	16QAM	12	0	20.63	20.70	20.56		
5	16QAM	12	7	20.76	20.62	20.72	22.7	1
5	16QAM	12	13	20.80	20.75	20.79		
5	16QAM	25	0	20.77	20.72	20.61		
5	64QAM	1	0	20.77	20.88	20.79		
5	64QAM	1	12	21.04	20.96	20.84	22.7	1
5	64QAM	1	24	20.91	21.04	20.80		
5	64QAM	12	0	19.85	19.67	19.74		
5	64QAM	12	7	19.61	19.68	19.85	21.7	2
5	64QAM	12	13	19.82	19.63	19.64		
5	64QAM	25	0	19.78	19.76	19.75		
5	256QAM	1	0	17.74	17.82	17.75		
5	256QAM	1	12	17.82	17.77	17.70	19.7	4
5	256QAM	1	24	17.75	17.72	17.68		
5	256QAM	12	0	17.78	17.71	17.55		
5	256QAM	12	7	17.75	17.77	17.54	19.7	4
5	256QAM	12	13	17.63	17.68	17.80		
5	256QAM	25	0	17.81	17.67	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.06	22.02	21.94		
3	QPSK	1	8	21.68	21.86	21.94	23.7	0
3	QPSK	1	14	21.88	21.87	21.98		
3	QPSK	8	0	21.75	22.00	22.00		
3	QPSK	8	4	22.01	21.89	22.04	23.7	0
3	QPSK	8	7	21.68	21.78	22.00		
3	QPSK	15	0	21.91	21.96	21.93		
3	16QAM	1	0	21.74	21.81	22.01		
3	16QAM	1	8	21.72	21.79	21.77	23.7	0
3	16QAM	1	14	21.91	22.03	21.89		
3	16QAM	8	0	20.61	20.67	20.66		
3	16QAM	8	4	20.78	20.90	20.73	22.7	1
3	16QAM	8	7	20.79	20.75	20.75		
3	16QAM	15	0	20.80	20.74	20.59		
3	64QAM	1	0	20.81	20.95	20.78		
3	64QAM	1	8	20.97	21.09	20.80	22.7	1
3	64QAM	1	14	20.87	20.96	20.76		
3	64QAM	8	0	19.79	19.71	19.75		
3	64QAM	8	4	19.61	19.71	19.83	21.7	2
3	64QAM	8	7	19.80	19.59	19.64		
3	64QAM	15	0	19.73	19.68	19.84		
3	256QAM	1	0	17.68	17.83	17.78		
3	256QAM	1	8	17.83	17.80	17.76	19.7	4
3	256QAM	1	14	17.75	17.71	17.68		
3	256QAM	8	0	17.77	17.71	17.59		
3	256QAM	8	4	17.71	17.79	17.51	19.7	4
3	256QAM	8	7	17.63	17.63	17.75		
3	256QAM	15	0	17.82	17.66	17.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.01	21.91	21.88		
1.4	QPSK	1	3	21.72	21.85	21.82		
1.4	QPSK	1	5	21.75	21.93	22.03	23.7	0
1.4	QPSK	3	0	21.76	22.01	21.98		
1.4	QPSK	3	1	21.89	21.85	21.93		
1.4	QPSK	3	3	21.74	21.82	21.93		
1.4	QPSK	6	0	21.93	21.96	21.90	23.7	0
1.4	16QAM	1	0	21.72	21.85	21.89		
1.4	16QAM	1	3	21.69	21.94	21.75		
1.4	16QAM	1	5	22.07	21.92	21.89	23.7	0
1.4	16QAM	3	0	22.01	22.03	21.88		
1.4	16QAM	3	1	21.80	21.80	21.91		
1.4	16QAM	3	3	21.85	21.84	21.98		
1.4	16QAM	6	0	20.74	20.63	20.50	22.7	1
1.4	64QAM	1	0	20.62	20.85	20.72		
1.4	64QAM	1	3	20.90	20.96	20.75		
1.4	64QAM	1	5	20.89	20.90	20.71	22.7	1
1.4	64QAM	3	0	20.68	20.79	20.75		
1.4	64QAM	3	1	20.89	20.95	20.70		
1.4	64QAM	3	3	20.86	20.93	20.76		
1.4	64QAM	6	0	19.67	19.66	19.71	21.7	2
1.4	256QAM	1	0	17.66	17.69	17.63		
1.4	256QAM	1	3	17.73	17.61	17.70		
1.4	256QAM	1	5	17.71	17.63	17.53	19.7	4
1.4	256QAM	3	0	17.75	17.58	17.41		
1.4	256QAM	3	1	17.62	17.69	17.51		
1.4	256QAM	3	3	17.64	17.52	17.79		
1.4	256QAM	6	0	17.77	17.66	17.51	19.7	4

Band 7 Ant9

BW [MHz]	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	19.16	19.21	19.18		
20	QPSK	1	49	19.12	19.09	18.99	20.2	0
20	QPSK	1	99	19.04	19.12	19.15		
20	QPSK	50	0	19.07	19.19	19.13		
20	QPSK	50	24	19.18	19.17	19.11	20.2	0
20	QPSK	50	50	19.13	19.10	19.06		
20	QPSK	100	0	19.15	19.16	19.13		
20	16QAM	1	0	19.01	19.14	19.07		
20	16QAM

Reduced Power Mode for ECI6_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
5	Channel			18700	18900	19100		
	Frequency (MHz)			1860	1880	1900		
20	QPSK	1	0	20.20	20.24	20.21		
20	QPSK	1	49	20.12	20.08	20.13	21.3	0
20	QPSK	1	99	20.20	20.10	20.06		
20	QPSK	50	0	20.17	20.23	20.21		
20	QPSK	50	24	20.17	20.09	20.18	21.3	0
20	QPSK	50	50	20.13	20.03	20.11		
20	QPSK	100	0	20.19	20.22	20.01		
20	16QAM	1	0	20.20	20.22	20.23		
20	16QAM	1	49	20.13	20.13	20.13	21.3	0
20	16QAM	1	99	20.13	20.04	20.10		
20	16QAM	50	0	19.23	19.36	19.45		
20	16QAM	50	24	19.48	19.39	19.39	20.3	1
20	16QAM	50	50	19.41	19.36	19.31		
20	16QAM	100	0	19.43	19.34	19.37		
20	64QAM	1	0	19.48	19.39	19.33		
20	64QAM	1	49	19.29	19.44	19.38	20.3	1
20	64QAM	1	99	19.40	19.38	19.30		
20	64QAM	50	0	18.44	18.38	18.33		
20	64QAM	50	24	18.47	18.35	18.51	19.3	2
20	64QAM	50	50	18.26	18.35	18.35		
20	64QAM	100	0	18.34	18.31	18.17		
20	256QAM	1	0	16.22	16.36	16.26		
20	256QAM	1	49	16.37	16.39	16.25	17.3	4
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24		
20	256QAM	50	24	16.21	16.26	16.19	17.3	4
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	20.08	20.04	20.16		
15	QPSK	1	37	19.98	19.98	19.98	21.3	0
15	QPSK	1	74	20.14	19.86	19.86		
15	QPSK	36	0	20.13	20.04	20.13		
15	QPSK	36	20	20.03	19.98	19.98	21.3	0
15	QPSK	36	39	20.09	19.87	19.90		
15	QPSK	75	0	20.11	20.11	20.11		
15	16QAM	1	0	20.03	20.05	20.07		
15	16QAM	1	37	19.93	19.99	19.98	21.3	0
15	16QAM	1	74	20.02	19.91	20.04		
15	16QAM	36	0	19.26	19.14	19.26		
15	16QAM	36	20	19.41	19.34	19.23	20.3	1
15	16QAM	36	39	19.35	19.25	19.14		
15	16QAM	75	0	19.33	19.15	19.22		
15	64QAM	1	0	19.38	19.31	19.31		
15	64QAM	1	37	19.12	19.24	19.27	20.3	1
15	64QAM	1	74	19.36	19.19	19.23		
15	64QAM	36	0	18.28	18.31	18.26		
15	64QAM	36	20	18.36	18.14	18.35	19.3	2
15	64QAM	36	39	18.11	18.23	18.26		
15	64QAM	75	0	18.25	18.16	18.10		
15	256QAM	1	0	16.07	16.17	16.21		
15	256QAM	1	37	16.19	16.31	16.12	17.3	4
15	256QAM	1	74	16.23	16.41	16.32		
15	256QAM	36	0	16.27	16.27	16.13		
15	256QAM	36	20	16.13	16.18	16.05	17.3	4
15	256QAM	36	39	16.20	16.23	16.31		
15	256QAM	75	0	16.26	16.17	15.97		
	Channel			18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1905		
10	QPSK	1	0	20.04	20.04	20.18		
10	QPSK	1	25	19.91	19.98	19.98	21.3	0
10	QPSK	1	49	20.01	19.90	20.00		
10	QPSK	25	0	19.98	20.16	20.08		
10	QPSK	25	12	20.14	19.96	20.00	21.3	0
10	QPSK	25	25	20.00	19.97	19.95		
10	QPSK	50	0	20.15	20.20	20.02		
10	16QAM	1	0	20.08	20.02	20.08		
10	16QAM	1	25	19.95	20.11	19.98	21.3	0
10	16QAM	1	49	20.09	19.97	19.99		
10	16QAM	25	0	19.20	19.22	19.36		
10	16QAM	25	12	19.46	19.25	19.26	20.3	1
10	16QAM	25	25	19.31	19.34	19.12		
10	16QAM	50	0	19.38	19.27	19.35		
10	64QAM	1	0	19.28	19.24	19.21		
10	64QAM	1	25	19.18	19.31	19.30	20.3	1
10	64QAM	1	49	19.24	19.31	19.25		
10	64QAM	25	0	18.35	18.25	18.39		
10	64QAM	25	12	18.38	18.16	18.30	19.3	2
10	64QAM	25	25	18.23	18.23	18.25		
10	64QAM	50	0	18.16	18.23	18.09		
10	256QAM	1	0	16.10	16.18	16.22		
10	256QAM	1	25	16.18	16.20	16.14	17.3	4
10	256QAM	1	49	16.30	16.35	16.34		
10	256QAM	25	0	16.18	16.18	16.03		
10	256QAM	25	12	16.17	16.32	16.02	17.3	4
10	256QAM	25	25	16.18	16.22	16.40		
10	256QAM	50	0	16.22	16.23	16.15		
	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	20.17	20.09	19.99		
5	QPSK	1	12	19.93	19.95	19.94	21.3	0
5	QPSK	1	24	20.17	20.04	19.86		
5	QPSK	12	0	19.99	20.18	20.03		
5	QPSK	12	7	20.12	19.96	20.15	21.3	0
5	QPSK	12	13	19.96	19.99	20.00		
5	QPSK	25	0	20.05	20.11	20.00		
5	16QAM	1	0	20.01	20.14	20.02		
5	16QAM	1	12	20.06	20.06	20.06	21.3	0
5	16QAM	1	24	19.92	19.85	20.05		
5	16QAM	12	0	19.09	19.22	19.34		
5	16QAM	12	7	19.44	19.18	19.31	20.3	1
5	16QAM	12	13	19.34	19.25	19.17		
5	16QAM	25	0	19.32	19.31	19.22		
5	64QAM	1	0	19.40	19.18	19.14		
5	64QAM	1	12	19.26	19.39	19.19	20.3	1
5	64QAM	1	24	19.36	19.25	19.17		
5	64QAM	12	0	18.33	18.34	18.18		
5	64QAM	12	7	18.40	18.32	18.32	19.3	2
5	64QAM	12	13	18.19	18.17	18.25		
5	64QAM	25	0	18.18	18.19	18.04		
5	256QAM	1	0	16.15	16.26	16.23		
5	256QAM	1	12	16.34	16.36	16.19	17.3	4
5	256QAM	1	24	16.28	16.34	16.36		
5	256QAM	12	0	16.28	16.27	16.18		
5	256QAM	12	7	16.04	16.16	16.21	17.3	4
5	256QAM	12	13	16.19	16.36	16.33		
5	256QAM	25	0	16.32	16.17	16.06		
	Channel			18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	20.08	20.08	20.05		
3	QPSK	1	8	20.08	19.96	20.03	21.3	0
3	QPSK	1	14	20.12	19.90	19.96		
3	QPSK	8	0	20.05	20.05	20.06		
3	QPSK	8	4	20.02	19.88	20.12	21.3	0
3	QPSK	8	7	20.01	19.90	20.03		
3	QPSK	15	0	20.05	20.05	19.98		
3	16QAM	1	0	20.12	20.18	20.06		
3	16QAM	1	8	20.06	19.93	20.00	21.3	0
3	16QAM	1	14	19.93	19.98	19.90		
3	16QAM	8	0	19.17	19.21	19.28		
3	16QAM	8	4	19.27	19.27	19.32	20.3	1
3	16QAM	8	7	19.33	19.17	19.30		
3	16QAM	15	0	19.25	19.13	19.30		
3	64QAM	1	0	19.43	19.21	19.24		
3	64QAM	1	8	19.25	19.34	19.29	20.3	1
3	64QAM	1	14	19.23	19.21	19.26		
3	64QAM	8	0	18.40	18.34	18.13		
3	64QAM	8	4	18.32	18.33	18.32	19.3	2
3	64QAM	8	7	18.09	18.30	18.25		
3	64QAM	15	0	18.26	18.24	18.02		
3	256QAM	1	0	16.02	16.25	16.09		
3	256QAM	1	8	16.21	16.20	16.12	17.3	4
3	256QAM	1	14	16.20	16.26	16.27		
3	256QAM	8	0	16.21	16.24	16.14		
3	256QAM	8	4	16.12	16.22	16.11	17.3	4
3	256QAM	8	7	16.26	16.31	16.45		
3	256QAM	15	0	16.31	16.15	16.04		
	Channel			18907	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	20.13	20.07	20.01		
1.4	QPSK	1	3	20.05	19.86	20.04		
1.4	QPSK	1	5	19.98	20.02	19.85	21.3	0
1.4	QPSK	3	0	19.97	20.08	19.99		
1.4	QPSK	3	1	19.96	19.93	20.05		
1.4	QPSK	3	3	20.07	19.95	20.07		
1.4	QPSK	6	0	20.09	20.19	19.99	21.3	0
1.4	16QAM	1	0	20.09	20.16	20.18		
1.4	16QAM	1	3	20.00	19.94	19.96		
1.4	16QAM	1	5	19.93	19.99	19.95	21.3	0
1.4	16QAM	3	0	20.17	20.21	20.08		
1.4	16QAM	3	1	20.02	20.03	20.05		
1.4	16QAM	3	3	20.10	19.92	19.90		
1.4	16QAM	6	0	19.32	19.30	19.22	20.3	1
1.4	64QAM	1	0	19.39	19.34	19.25		
1.4	64QAM	1	3	19.16	19.42	19.28		
1.4	64QAM	1	5	19.33	19.26	19.11	20.3	1
1.4	64QAM	3	0	19.17	19.26	19.24		
1.4	64QAM	3	1	19.43	19.18	19.35		
1.4	64QAM	3	3	19.36	19.28	19.25		
1.4	64QAM	6	0	18.23	18.10	18.07	19.3	2
1.4	256QAM	1	0	16.05	16.29	16.15		
1.4	256QAM	1	3	16.18	16.23	16.13		
1.4	256QAM	1	5	16.28	16.32	16.35	17.3	4
1.4	256QAM	3	0	16.25	16.11	16.16		
1.4	256QAM	3	1	16.11	16.05	15.99		
1.4	256QAM	3	3	16.26	16.19	16.28		
1.4	256QAM	6	0	16.27	16.12	16.03	17.3	4

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
20	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	20.18	20.29	20.20		
20	QPSK	1	49	20.25	20.20	20.06	21.5	0
20	QPSK	1	99	20.19	20.16	20.10		
20	QPSK	50	0	20.19	20.28	20.15		
20	QPSK	50	24	20.15	20.15	20.11	21.5	0
20	QPSK	50	50	20.24	20.19	20.03		
20	QPSK	100	0	20.19	20.27	20.21		
20	16QAM	1	0	20.23	20.18	20.16		
20	16QAM	1	49	20.16	20.17	20.09	21.5	0
20	16QAM	1	99	20.25	20.17	20.08		
20	16QAM	50	0	19.62	19.56	19.64		
20	16QAM	50	24	19.64	19.67	19.61	20.5	1
20	16QAM	50	50	19.62	19.68	19.53		
20	16QAM	100	0	19.54	19.51	19.66		
20	64QAM	1	0	19.79	19.81	19.92		
20	64QAM	1	49	19.87	19.88	19.88	20.5	1
20	64QAM	1	99	19.87	19.68	19.69		
20	64QAM	50	0	18.69	18.58	18.70		
20	64QAM	50	24	18.49	18.60	18.58	19.5	2
20	64QAM	50	50	18.53	18.70	18.49		
20	64QAM	100	0	18.58	18.52	18.56		
20	256QAM	1	0	16.52	16.57	16.61		
20	256QAM	1	49	16.61	16.71	16.44	17.5	4
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63		
20	256QAM	50	24	16.52	16.40	16.40	17.5	4
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.38	16.17	16.29		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	20.02	20.08	20.06		
15	QPSK	1	37	20.14	20.00	20.03	21.5	0
15	QPSK	1	74	20.08	20.13	20.03		
15	QPSK	36	0	20.11	20.11	19.99		
15	QPSK	36	20	19.95	19.94	19.95	21.5	0
15	QPSK	36	39	20.14	19.99	19.83		
15	QPSK	75	0	20.17	20.12	20.04		
15	16QAM	1	0	20.09	20.11	20.00		
15	16QAM	1	37	20.02	20.05	19.91	21.5	0
15	16QAM	1	74	20.16	20.08	19.88		
15	16QAM	36	0	19.43	19.37	19.46		
15	16QAM	36	20	19.56	19.62	19.45	20.5	1
15	16QAM	36	39	19.56	19.56	19.41		
15	16QAM	75	0	19.50	19.41	19.45		
15	64QAM	1	0	19.65	19.63	19.86		
15	64QAM	1	37	19.80	19.86	19.84	20.5	1
15	64QAM	1	74	19.80	19.49	19.53		
15	64QAM	36	0	18.48	18.38	18.58		
15	64QAM	36	20	18.28	18.51	18.39	19.5	2
15	64QAM	36	39	18.50	18.52	18.28		
15	64QAM	75	0	18.56	18.43	18.52		
15	256QAM	1	0	16.45	16.49	16.57		
15	256QAM	1	37	16.43	16.65	16.39	17.5	4
15	256QAM	1	74	16.59	16.34	16.32		
15	256QAM	36	0	16.42	16.28	16.44		
15	256QAM	36	20	16.32	16.35	16.38	17.5	4
15	256QAM	36	39	16.36	16.51	16.34		
15	256QAM	75	0	16.02	16.11	16.18		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	20.06	20.12	20.10		
10	QPSK	1	25	20.12	19.99	19.99	21.5	0
10	QPSK	1	49	20.09	19.98	19.98		
10	QPSK	25	0	19.98	20.21	19.95		
10	QPSK	25	12	19.94	20.06	19.90	21.5	0
10	QPSK	25	25	20.21	20.10	20.01		
10	QPSK	50	0	20.02	20.20	20.13		
10	16QAM	1	0	20.05	19.96	20.02		
10	16QAM	1	25	20.03	19.98	20.05	21.5	0
10	16QAM	1	49	20.04	20.07	20.05		
10	16QAM	25	0	19.49	19.50	19.55		
10	16QAM	25	12	19.44	19.46	19.48	20.5	1
10	16QAM	25	25	19.55	19.53	19.48		
10	16QAM	50	0	19.42	19.39	19.57		
10	64QAM	1	0	19.75	19.63	19.81		
10	64QAM	1	25	19.84	19.85	19.68	20.5	1
10	64QAM	1	49	19.72	19.65	19.56		
10	64QAM	25	0	18.63	18.41	18.66		
10	64QAM	25	12	18.41	18.43	18.42	19.5	2
10	64QAM	25	25	18.47	18.53	18.45		
10	64QAM	50	0	18.42	18.36	18.42		
10	256QAM	1	0	16.48	16.44	16.47		
10	256QAM	1	25	16.49	16.64	16.29	17.5	4
10	256QAM	1	49	16.45	16.33	16.29		
10	256QAM	25	0	16.50	16.39	16.47		
10	256QAM	25	12	16.37	16.33	16.36	17.5	4
10	256QAM	25	25	16.50	16.43	16.47		
10	256QAM	50	0	16.68	16.24	16.20		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	20.06	20.04	20.06		
5	QPSK	1	12	20.09	20.11	19.88	21.5	0
5	QPSK	1	24	20.10	20.10	19.92		
5	QPSK	12	0	20.08	20.26	19.98		
5	QPSK	12	7	20.07	20.07	19.94	21.5	0
5	QPSK	12	13	20.19	20.14	19.84		
5	QPSK	25	0	19.99	20.10	20.02		
5	16QAM	1	0	20.12	19.99	20.12		
5	16QAM	1	12	19.94	20.06	20.02	21.5	0
5	16QAM	1	24	20.07	20.02	19.93		
5	16QAM	12	0	19.46	19.38	19.46		
5	16QAM	12	7	19.53	19.50	19.49	20.5	1
5	16QAM	12	13	19.57	19.53	19.31		
5	16QAM	25	0	19.40	19.36	19.52		
5	64QAM	1	0	19.62	19.72	19.89		
5	64QAM	1	12	19.73	19.81	19.79	20.5	1
5	64QAM	1	24	19.73	19.65	19.54		
5	64QAM	12	0	18.65	18.44	18.60		
5	64QAM	12	7	18.38	18.46	18.48	19.5	2
5	64QAM	12	13	18.32	18.59	18.43		
5	64QAM	25	0	18.51	18.54	18.45		
5	256QAM	1	0	16.37	16.40	16.43		
5	256QAM	1	12	16.39	16.51	16.25	17.5	4
5	256QAM	1	24	16.44	16.50	16.41		
5	256QAM	12	0	16.36	16.42	16.44		
5	256QAM	12	7	16.45	16.21	16.21	17.5	4
5	256QAM	12	13	16.40	16.37	16.36		
5	256QAM	25	0	16.12	16.16	16.16		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	20.13	20.19	20.09		
3	QPSK	1	8	20.09	20.09	19.85	21.5	0
3	QPSK	1	14	20.01	20.07	20.04		
3	QPSK	8	0	20.13	20.11	19.96		
3	QPSK	8	4	20.05	20.03	20.00	21.5	0
3	QPSK	8	7	20.03	20.14	19.82		
3	QPSK	15	0	20.01	20.21	20.14		
3	16QAM	1	0	20.15	20.07	19.99		
3	16QAM	1	8	20.14	20.05	20.05	21.5	0
3	16QAM	1	14	20.22	20.05	19.93		
3	16QAM	8	0	19.44	19.40	19.51		
3	16QAM	8	4	19.59	19.61	19.58	20.5	1
3	16QAM	8	7	19.59	19.56	19.36		
3	16QAM	15	0	19.39	19.39	19.51		
3	64QAM	1	0	19.61	19.66	19.73		
3	64QAM	1	8	19.76	19.80	19.79	20.5	1
3	64QAM	1	14	19.79	19.49	19.62		
3	64QAM	8	0	18.49	18.54	18.60		
3	64QAM	8	4	18.31	18.53	18.48	19.5	2
3	64QAM	8	7	18.31	18.53	18.46		
3	64QAM	15	0	18.50	18.32	18.36		
3	256QAM	1	0	16.45	16.53	16.50		
3	256QAM	1	8	16.45	16.67	16.35	17.5	4
3	256QAM	1	14	16.60	16.49	16.23		
3	256QAM	8	0	16.52	16.41	16.48		
3	256QAM	8	4	16.39	16.32	16.33	17.5	4
3	256QAM	8	7	16.39	16.45	16.48		
3	256QAM	15	0	15.96	16.22	16.34		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.99	20.12	20.17		
1.4	QPSK	1	3	20.12	20.17	19.86		
1.4	QPSK	1	5	20.09	19.99	19.93	21.5	0
1.4	QPSK	3	0	20.01	20.19	20.02		
1.4	QPSK	3	1	19.96	19.96	20.04		
1.4	QPSK	3	3	20.13	20.11	19.90		
1.4	QPSK	6	0	20.02	20.19	20.19	21.5	0
1.4	16QAM	1	0	20.05	20.04	19.96		
1.4	16QAM	1	3	20.03	20.07	19.91		
1.4	16QAM	1	5	20.14	19.97	20.04	21.5	0
1.4	16QAM	3	0	20.09	20.17	20.14		
1.4	16QAM	3	1	20.09	20.05	20.04		
1.4	16QAM	3	3	20.01	20.09	19.98		
1.4	16QAM	6	0	19.36	19.35	19.56	20.5	1
1.4	64QAM	1	0	19.77	19.61	19.86		
1.4	64QAM	1	3	19.78	19.76	19.74		
1.4	64QAM	1	5	19.70	19.48	19.62	20.5	1
1.4	64QAM	3	0	19.50	19.61	19.52		
1.4	64QAM	3	1	19.56	19.59	19.47		
1.4	64QAM	3	3	19.42	19.32	19.55		
1.4	64QAM	6	0	18.42	18.38	18.46	19.5	2
1.4	256QAM	1	0	16.50	16.44	16.43		
1.4	256QAM	1	3	16.49	16.68	16.40		
1.4	256QAM	1	5	16.48	16.42	16.25	17.5	4
1.4	256QAM	3	0	16.36	16.28	16.60		
1.4	256QAM	3	1	16.35	16.23	16.37		
1.4	256QAM	3	3	16.50	16.45	16.47		
1.4	256QAM	6	0	16.05	16.17	16.22	17.5	4

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
20	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	20.02	20.06	19.93		
20	QPSK	1	49	19.92	19.78	19.79	20.8	0
20	QPSK	1	99	19.73	19.70	19.71		
20	QPSK	50	0	20.00	20.03	19.95		
20	QPSK	50	24	19.90	19.78	19.79	20.8	0
20	QPSK	50	50	19.81	19.70	19.76		
20	QPSK	100	0	19.95	20.01	19.98		
20	16QAM	1	0	19.93	20.00	19.93		
20

Band 2 Ant1

BW [MHz]	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	19.00	19.02	18.90	20.1	0
20	QPSK	1	49	18.74	18.77	18.69		
20	QPSK	1	99	18.81	18.99	18.76		
20	QPSK	50	0	18.96	18.97	18.91		
20	QPSK	50	24	18.73	18.80	18.67	20.1	0
20	QPSK	50	50	18.80	18.94	18.76		
20	QPSK	100	0	18.95	19.00	18.87		
20	16QAM	1	0	18.74	18.78	18.69		
20	16QAM	1	49	18.87	18.98	18.80	20.1	0
20	16QAM	1	99	18.90	18.92	18.87		
20	16QAM	50	0	18.84	18.77	18.71		
20	16QAM	50	24	18.83	19.00	18.77	20.1	0
20	16QAM	50	50	18.93	18.92	18.86		
20	16QAM	100	0	18.76	18.79	18.72		
20	64QAM	1	0	18.96	18.97	18.89		
20	64QAM	1	49	18.82	18.78	18.76	20.1	0
20	64QAM	1	99	18.77	18.95	18.76		
20	64QAM	50	0	18.53	18.54	18.42		
20	64QAM	50	24	18.49	18.59	18.62	19.6	0.5
20	64QAM	50	50	18.52	18.57	18.65		
20	64QAM	100	0	18.48	18.60	18.55		
20	256QAM	1	0	16.74	16.64	16.74		
20	256QAM	1	49	16.70	16.70	16.58	17.6	2.5
20	256QAM	1	99	16.68	16.64	16.51		
20	256QAM	50	0	16.64	16.60	16.61		
20	256QAM	50	24	16.58	16.50	16.55	17.6	2.5
20	256QAM	50	50	16.69	16.59			
20	256QAM	100	0	16.47	16.57	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.96	18.93	18.79	20.1	0
15	QPSK	1	37	18.57	18.66	18.61		
15	QPSK	1	74	18.76	18.86	18.62		
15	QPSK	36	0	18.82	18.91	18.81		
15	QPSK	36	20	18.68	18.67	18.53	20.1	0
15	QPSK	36	39	18.70	18.90	18.72		
15	QPSK	75	0	18.77	18.95	18.79		
15	16QAM	1	0	18.57	18.75	18.65		
15	16QAM	1	37	18.81	18.84	18.70	20.1	0
15	16QAM	1	74	18.73	18.76	18.76		
15	16QAM	36	0	18.80	18.67	18.56		
15	16QAM	36	20	18.73	18.84	18.71	20.1	0
15	16QAM	36	39	18.89	18.83	18.70		
15	16QAM	75	0	18.72	18.73	18.60		
15	64QAM	1	0	18.83	18.94	18.82		
15	64QAM	1	37	18.69	18.81	18.62	20.1	0
15	64QAM	1	74	18.59	18.92	18.66		
15	64QAM	36	0	18.47	18.40	18.32		
15	64QAM	36	20	18.34	18.51	18.48	19.6	0.5
15	64QAM	36	39	18.40	18.54	18.56		
15	64QAM	75	0	18.42	18.47	18.45		
15	256QAM	1	0	16.68	16.58	16.69		
15	256QAM	1	37	16.58	16.59	16.55	17.6	2.5
15	256QAM	1	74	16.53	16.56	16.38		
15	256QAM	36	0	16.50	16.45	16.52		
15	256QAM	36	20	16.42	16.33	16.51	17.6	2.5
15	256QAM	36	39	16.60	16.62	16.43		
15	256QAM	75	0	16.30	16.42	16.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.86	18.99	18.83	20.1	0
10	QPSK	1	25	18.69	18.70	18.63		
10	QPSK	1	49	18.76	18.89	18.66		
10	QPSK	25	0	18.80	18.90	18.76		
10	QPSK	25	12	18.62	18.63	18.54	20.1	0
10	QPSK	25	25	18.72	18.83	18.69		
10	QPSK	50	0	18.79	18.96	18.82		
10	16QAM	1	0	18.63	18.72	18.67		
10	16QAM	1	25	18.73	18.88	18.75	20.1	0
10	16QAM	1	49	18.74	18.76	18.71		
10	16QAM	25	0	18.73	18.66	18.61		
10	16QAM	25	12	18.73	18.90	18.74	20.1	0
10	16QAM	25	25	18.82	18.75	18.72		
10	16QAM	50	0	18.63	18.63	18.66		
10	64QAM	1	0	18.82	18.87	18.75	20.1	0
10	64QAM	1	25	18.69	18.62	18.70		
10	64QAM	1	49	18.63	18.80	18.62		
10	64QAM	25	0	18.43	18.43	18.29		
10	64QAM	25	12	18.46	18.44	18.44	19.6	0.5
10	64QAM	25	25	18.38	18.45	18.48		
10	64QAM	50	0	18.38	18.43	18.45		
10	256QAM	1	0	16.61	16.47	16.69		
10	256QAM	1	25	16.63	16.60	16.42	17.6	2.5
10	256QAM	1	49	16.60	16.60	16.33		
10	256QAM	25	0	16.54	16.57	16.59		
10	256QAM	25	12	16.48	16.48	16.37	17.6	2.5
10	256QAM	25	25	16.53	16.66	16.49		
10	256QAM	50	0	16.31	16.50	16.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.88	18.86	18.85	20.1	0
5	QPSK	1	12	18.67	18.70	18.54		
5	QPSK	1	24	18.74	18.83	18.70		
5	QPSK	12	0	18.83	18.90	18.76		
5	QPSK	12	7	18.59	18.68	18.55	20.1	0
5	QPSK	12	13	18.72	18.77	18.69		
5	QPSK	25	0	18.85	18.82	18.76		
5	16QAM	1	0	18.61	18.66	18.63		
5	16QAM	1	12	18.79	18.94	18.83	20.1	0
5	16QAM	1	24	18.78	18.83	18.74		
5	16QAM	12	0	18.78	18.71	18.55		
5	16QAM	12	7	18.67	18.96	18.66	20.1	0
5	16QAM	12	13	18.74	18.74	18.61		
5	16QAM	25	0	18.58	18.73	18.55		
5	64QAM	1	0	18.88	18.87	18.84		
5	64QAM	1	12	18.64	18.62	18.62	20.1	0
5	64QAM	1	24	18.61	18.86	18.65		
5	64QAM	12	0	18.35	18.43	18.25		
5	64QAM	12	7	18.44	18.57	18.48	19.6	0.5
5	64QAM	12	13	18.48	18.54	18.62		
5	64QAM	25	0	18.39	18.52	18.53		
5	256QAM	1	0	16.63	16.57	16.69		
5	256QAM	1	12	16.67	16.66	16.56	17.6	2.5
5	256QAM	1	24	16.61	16.62	16.45		
5	256QAM	12	0	16.46	16.55	16.46		
5	256QAM	12	7	16.47	16.47	16.45	17.6	2.5
5	256QAM	12	13	16.62	16.61	16.53		
5	256QAM	25	0	16.40	16.41	16.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.85	18.90	18.73	20.1	0
3	QPSK	1	8	18.67	18.68	18.55		
3	QPSK	1	14	18.78	18.84	18.59		
3	QPSK	8	0	18.84	18.85	18.89		
3	QPSK	8	4	18.66	18.64	18.57	20.1	0
3	QPSK	8	7	18.66	18.86	18.67		
3	QPSK	15	0	18.81	18.86	18.82		
3	16QAM	1	0	18.71	18.68	18.64		
3	16QAM	1	8	18.74	18.91	18.76	20.1	0
3	16QAM	1	14	18.79	18.78	18.82		
3	16QAM	8	0	18.78	18.71	18.54		
3	16QAM	8	4	18.76	18.86	18.66	20.1	0
3	16QAM	8	7	18.84	18.78	18.81		
3	16QAM	15	0	18.74	18.82	18.63		
3	64QAM	1	0	18.88	18.86	18.78		
3	64QAM	1	8	18.66	18.68	18.62	20.1	0
3	64QAM	1	14	18.72	18.78	18.66		
3	64QAM	8	0	18.38	18.42	18.24		
3	64QAM	8	4	18.42	18.56	18.56	19.6	0.5
3	64QAM	8	7	18.54	18.40	18.50		
3	64QAM	15	0	18.35	18.58	18.51		
3	256QAM	1	0	16.68	16.53	16.58		
3	256QAM	1	8	16.58	16.66	16.54	17.6	2.5
3	256QAM	1	14	16.66	16.47	16.39		
3	256QAM	8	0	16.52	16.47	16.43		
3	256QAM	8	4	16.43	16.40	16.45	17.6	2.5
3	256QAM	8	7	16.53	16.56	16.49		
3	256QAM	15	0	16.42	16.49	16.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.87	18.95	18.82	20.1	0
1.4	QPSK	1	3	18.61	18.64	18.66		
1.4	QPSK	1	5	18.78	18.90	18.59		
1.4	QPSK	3	0	18.89	18.94	18.88		
1.4	QPSK	3	1	18.56	18.70	18.54		
1.4	QPSK	3	3	18.68	18.86	18.74		
1.4	QPSK	6	0	18.77	18.86	18.73	20.1	0
1.4	16QAM	1	0	18.65	18.74	18.56	20.1	0
1.4	16QAM	1	3	18.71	18.93	18.77		
1.4	16QAM	1	5	18.80	18.90	18.75		
1.4	16QAM	3	0	18.76	18.74	18.62		
1.4	16QAM	3	1	18.76	18.95	18.63		
1.4	16QAM	3	3	18.75	18.86	18.74		
1.4	16QAM	6	0	18.64	18.74	18.61		
1.4	64QAM	1	0	18.78	18.82	18.71	20.1	0
1.4	64QAM	1	3	18.74	18.86	18.66		
1.4	64QAM	1	5	18.70	18.82	18.72		
1.4	64QAM	3	0	18.79	18.88	18.79		
1.4	64QAM	3	1	18.81	18.74	18.68		
1.4	64QAM	3	3	18.78	18.94	18.64		
1.4	64QAM	6	0	18.31	18.54	18.42	19.6	0.5
1.4	256QAM	1	0	16.71	16.59	16.63	17.6	2.5
1.4	256QAM	1	3	16.58	16.67	16.42		
1.4	256QAM	1	5	16.52	16.59	16.41		
1.4	256QAM	3	0	16.52	16.43	16.46		
1.4	256QAM	3	1	16.40	16.42	16.44		
1.4	256QAM	3	3	16.51	16.55	16.49		
1.4	256QAM	6	0	16.42	16.47	16.43	17.6	2.5

Band 4 Ant1

BW [MHz]	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	21.15	21.24	21.21	22.5	0
20	QPSK	1	49	21.14	21.20	21.18		
20	QPSK	1	99	21.14	21.13	21.09		
20	QPSK	50	0	20.89	20.90	20.68		
20	QPSK	50	24	20.74	20.88	20.87	22	0.5
20	QPSK	50	50	20.68	20.79	20.80		
20	QPSK	100	0	20.76	20.87	20.66		
20	16QAM	1	0	20.89	20.83	20.92		
20	16QAM	1	49	20.93	20.79	20.78	22	0.5
20	16QAM	1	99	20.76	20.87	20.94		
20	16QAM	50	0	19.82	19.83	19.86		
20	16QAM	50	24	19.81	19.92	19.81	21	1.5
20	16QAM	50	50	19.95	19.79	19.92		
20	16QAM	100	0	19.86	19.80	19.93		
20	64QAM	1	0	19.80	19.85	19.92		
20	64QAM	1	49	19.72	19.73	19.92	21	1.5
20	64QAM	1	99	19.91	19.91	19.83		
20	64QAM	50	0	18.76	18.88	18.80		
20	64QAM	50	24	18.80	18.86	18.82	20	2.5
20	64QAM	50	50	18.90	18.75	18.80		
20	64QAM	100	0	18.85	18.85	18.79		
20	256QAM	1	0	16.96	16.86	16.80		
20	256QAM	1	49	16.74	16.94	16.76	18	4.5
20	256QAM	1	99	16.85	16.78	16.88		
20	256QAM	50	0	16.81	16.85	16.84		
20	256QAM	50	24	16.92	16.96	16.77	18	4.5
20	256QAM	50	50	16.76	16.86	16.88		
20	256QAM	100	0	16.80	16.88	17.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.10	21.14	21.13	22.5	0
15	QPSK	1	37	21.03	21.09	21.12		
15	QPSK	1	74	21.10	21.06	21.02		
15	QPSK	36	0	20.72	20.75	20.62		
15	QPSK	36	20	20.59	20.85	20.75	22	0.5
15	QPSK	36	39	20.52	20.76	20.62		
15	QPSK	75	0	20.64	20.80	20.55		
15	16QAM	1	0	20.77	20.77	20.80		
15	16QAM	1	37	20.87	20.67	20.66	22	0.5
15	16QAM	1	74	20.70	20.77	20.89		
15	16QAM	36	0	19.74	19.75	19.71		
15	16QAM	36	20	19.63	19.82	19.73	21	1.5
15	16QAM	36	39	19.92	19.70	19.84		
15	16QAM	75	0	19.72	19.69	19.88		
15	64QAM	1	0	19.66	19.70	19.79		
15	64QAM	1	37	19.64	19.65	19.75	21	1.5
15	64QAM	1	74	19.76	19.81	19.69		
15	64QAM	36	0	18.73	18.75	18.62		
15	64QAM	36	20	18.72	18.79	18.65	20	2.5
15	64QAM	36	39	18.80	18.63	18.71		
15	64QAM	75	0	18.76	18.70	18.64		
15	256QAM	1	0	16.91	16.82	16.63		
15	256QAM	1	37	16.89	16.91	16.61	18	4.5
15	256QAM	1	74	16.76	16.61	16.73		
15	256QAM	36	0	16.73	16.80	16.78		
15	256QAM	36	20	16.84	16.88	16.73	18	4.5
15	256QAM	36	39	16.61	16.76	16.76		
15	256QAM	75	0	16.74	16.77	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.08	21.13	21.09	22.5	0
10	QPSK	1	25	21.11	21.08	21.09		
10	QPSK	1	49	21.03	21.08	21.18		
10	QPSK	25	0	20.82	20.73	20.64		
10	QPSK	25	12	20.62	20.80	20.81	22	0.5
10	QPSK	25	25	20.65	20.82	20.69		
10	QPSK	50	0	20.58	20.79	20.62		
10	16QAM	1	0	20.81	20.80	20.75		
10	16QAM	1	25	20.80	20.66	20.65	22	0.5
10	16QAM	1	49	20.71	20.80	20.88		
10	16QAM	25	0	19.73	19.78	19.84		
10	16QAM	25	12	19.75	19.88	19.77	21	1.5
10	16QAM	25	25	19.88	19.65	19.90		
10	16QAM	50	0	19.76	19.74	19.82		
10	64QAM	1	0	19.74	19.75	19.71		
10	64QAM	1	25	19.65	19.60	19.74	21	1.5
10	64QAM	1	49	19.85	19.87	19.67		
10	64QAM	25	0	18.67	18.71	18.74		
10	64QAM	25	12	18.63	18.86	18.68	20	2.5
10	64QAM	25	25	18.75	18.59	18.75		
10	64QAM	50	0	18.75	18.78	18.76		
10	256QAM	1	0	16.83	16.73	16.73		
10	256QAM	1	25	16.62	16.82	16.73	18	4.5
10	256QAM	1	49	16.70	16.74	16.79		
10	256QAM	25	0	16.70	16.79	16.76		
10	256QAM	25	12	16.75	16.76	16.65	18	4.5
10	256QAM	25	25	16.67	16.74	16.77		
10	256QAM	50	0	16.75	16.75	16.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.11	21.19	22.5	0
5	QPSK	1	12	21.16	21.03	21.01		
5	QPSK	1	24	21.08	21.15	21.04		
5	QPSK	12	0	20.79	20.77	20.53	22	0.5
5	QPSK	12	7	20.65	20.71	20.77		
5	QPSK	12	13	20.53	20.77	20.63		
5	QPSK	25	0	20.55	20.71	20.99		
5	16QAM	1	0	20.81	20.77	20.79		
5	16QAM	1	12	20.80	20.83	20.73	22	0.5
5	16QAM	1	24	20.61	20.82	20.79		
5	16QAM	12	0	19.66	19.77	19.70		
5	16QAM	12	7	19.71	19.82	19.64	21	1.5
5	16QAM	12	13	19.85	19.61	19.84		
5	16QAM	25	0	19.79	19.64	19.83		
5	64QAM	1	0	19.64	19.72	19.66		
5	64QAM	1	12	19.61	19.61	19.79	21	1.5
5	64QAM	1	24	19.81	19.66	19.71		
5	64QAM	12	0	18.66	18.77	18.74		
5	64QAM	12	7	18.75	18.79	18.75	20	2.5
5	64QAM	12	13	18.77	18.70	18.76		
5	64QAM	25	0	18.62	18.81	18.65		
5	256QAM	1	0	16.87	16.73	16.78		
5	256QAM	1	12	16.72	16.82	16.60	18	4.5
5	256QAM	1	24	16.76	16.64	16.80		
5	256QAM	12	0	16.76	16.69	16.68		
5	256QAM	12	7	16.77	16.80	16.73	18	4.5
5	256QAM	12	13	16.62	16.80	16.83		
5	256QAM	25	0	16.78	16.82	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.10	21.17	21.11	22.5	0
3	QPSK	1	8	21.11	21.12	21.13		
3	QPSK	1	14	21.03	21.19	21.03		
3	QPSK	8	0	20.86	20.82	20.94		
3	QPSK	8	4	20.64	20.83	20.72	22	0.5
3	QPSK	8	7	20.58	20.68	20.73		
3	QPSK	15	0	20.65	20.76	20.60		
3	16QAM	1	0	20.63	20.84	20.82		
3	16QAM	1	8	20.78	20.66	20.72	22	0.5
3	16QAM	1	14	20.67	20.76	20.90		
3	16QAM	8	0	19.74	19.76	19.83		
3	16QAM	8	4	19.76	19.83	19.71	21	1.5
3	16QAM	8	7	19.79	19.67	19.75		
3	16QAM	15	0	19.81	19.76	19.78		
3	64QAM	1	0	19.76	19.68	19.68		
3	64QAM	1	8	19.57	19.66	19.77	21	1.5
3	64QAM	1	14	19.78	19.87	19.73		
3	64QAM	8	0	18.67	18.75	18.71		
3	64QAM	8	4	18.75	18.82	18.76	20	2.5
3	64QAM	8	7	18.73	18.65	18.65		
3	64QAM	15	0	18.79	18.78	18.66		
3	256QAM	1	0	16.87	16.80	16.66		
3	256QAM	1	8	16.70	16.90	16.65	18	4.5
3	256QAM	1	14	16.79	16.70	16.81		
3	256QAM	8	0	16.64	16.78	16.81		
3	256QAM	8	4	16.87	16.90	16.69	18	4.5
3	256QAM	8	7	16.71	16.81	16.78		
3	256QAM	15	0	16.62	16.82	16.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.10	21.13	21.10	22.5	0
1.4	QPSK	1	3	21.11	21.14	21.05		
1.4	QPSK	1	5	21.08	21.09	21.03		
1.4	QPSK	3	0	21.12	21.15	21.05		
1.4	QPSK	3	1	21.08	21.16	21.10		
1.4	QPSK	3	3	21.00	21.05	21.02		
1.4	QPSK	6	0	20.79	20.69	20.60	22	0.5
1.4	16QAM	1	0	20.53	20.67	20.62	22	0.5
1.4	16QAM	1	3	20.55	20.54	20.60		
1.4	16QAM	1	5	20.57	20.59	20.94		
1.4	16QAM	3	0	20.67	20.63	20.73		
1.4	16QAM	3	1	20.62	20.54	20.55		
1.4	16QAM	3	3	20.59	20.60	20.78		
1.4	16QAM	6	0	19.65	19.73	19.79	21	1.5
1.4	64QAM	1	0	19.68	19.76	19.55	21	1.5
1.4	64QAM	1	3	19.70	19.59	19.61		
1.4	64QAM	1	5	19.78	19.66	19.62		
1.4	64QAM	3	0	19.65	19.52	19.55		
1.4	64QAM	3	1	19.63	19.75	19.63		
1.4	64QAM	3	3	19.73	19.69	19.57		
1.4	64QAM	6	0	18.52	18.58	18.56	20	2.5
1.4	256QAM	1	0	16.78	16.90	16.95	18	4.5
1.4	256QAM	1	3	16.70	16.83	16.53		
1.4	256QAM	1	5	16.65	16.65	16.75		
1.4	256QAM	3	0	16.81	16.64	16.58		
1.4	256QAM	3	1	16.84	16.88	16.64		
1.4	256QAM	3	3	16.71	16.79	16.82		
1.4	256QAM	6	0	16.72	16.70	16.91	18	4.5

Band 7 Ant1

BW [MHz]	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	21.83	21.85	21.72	22.5	0
20	QPSK	1	49	21.69	21.79	21.57		
20	QPSK	1	99	21.77	21.76	21.53		
20	QPSK	50	0	20.68	20.88	20.72		
20	QPSK	50	24	20.71	20.79	20.70	21.5	1
20	QPSK	50	50	20.76	20.80	20.86		
20	QPSK	100	0	20.71	20.94	20.72		
20	16QAM	1	0	20.86	20.92	20.95		
20	16QAM	1

Band 2 Ant2

BW [MHz]	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	22.86	22.95	22.74		
20	QPSK	1	49	22.81	22.80	22.61	24	0
20	QPSK	1	99	22.86	22.79	22.69		
20	QPSK	50	0	21.66	21.85	21.64		
20	QPSK	50	24	21.58	21.63	21.80	23	1
20	QPSK	50	50	21.71	21.74	21.67		
20	QPSK	100	0	21.64	21.83	21.75		
20	16QAM	1	0	22.17	22.06	21.94		
20	16QAM	1	49	22.18	22.18	22.17	23	1
20	16QAM	1	99	21.99	21.94	22.17		
20	16QAM	50	0	20.93	20.82	20.95		
20	16QAM	50	24	20.75	20.81	20.75	22	2
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.99		
20	64QAM	1	49	21.07	20.92	21.00	22	2
20	64QAM	1	99	20.90	20.97	21.03		
20	64QAM	50	0	19.94	19.83	19.86		
20	64QAM	50	24	19.74	19.75	19.80	21	3
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70		
20	256QAM	1	49	17.89	17.80	17.75	19	5
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79		
20	256QAM	50	24	17.86	17.89	17.72	19	5
20	256QAM	50	50	17.80	17.77	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.84	22.63		
15	QPSK	1	37	22.69	22.72	22.51	24	0
15	QPSK	1	74	22.82	22.62	22.58		
15	QPSK	36	0	21.54	21.74	21.56		
15	QPSK	36	20	21.52	21.53	21.73	23	1
15	QPSK	36	39	21.64	22.06	21.80		
15	QPSK	75	0	21.52	21.80	21.68		
15	16QAM	1	0	22.06	21.99	21.83		
15	16QAM	1	37	22.10	22.05	22.08	23	1
15	16QAM	1	74	21.95	21.99	22.06		
15	16QAM	36	0	20.82	20.78	20.86		
15	16QAM	36	20	20.69	20.78	20.65	22	2
15	16QAM	36	39	20.65	20.73	20.80		
15	16QAM	75	0	20.77	20.81	20.85		
15	64QAM	1	0	20.87	20.94	20.77		
15	64QAM	1	37	20.95	20.80	20.91	22	2
15	64QAM	1	74	20.81	20.91	20.96		
15	64QAM	36	0	19.83	19.75	19.75		
15	64QAM	36	20	19.62	19.69	19.74	21	3
15	64QAM	36	39	19.73	19.79	19.71		
15	64QAM	75	0	19.71	19.77	19.84		
15	256QAM	1	0	17.86	17.76	17.64		
15	256QAM	1	37	17.77	17.69	17.65	19	5
15	256QAM	1	74	17.80	17.72	17.71		
15	256QAM	36	0	17.73	17.75	17.71		
15	256QAM	36	20	17.79	17.77	17.64	19	5
15	256QAM	36	39	17.68	17.67	17.59		
15	256QAM	75	0	17.71	17.70	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.74	22.85	22.65		
10	QPSK	1	25	22.74	22.75	22.50	24	0
10	QPSK	1	49	22.76	22.58	22.64		
10	QPSK	25	0	21.55	21.80	21.52		
10	QPSK	25	12	21.52	21.56	21.71	23	1
10	QPSK	25	25	21.65	21.62	21.68		
10	QPSK	50	0	21.55	21.71	21.69		
10	16QAM	1	0	22.05	21.99	21.85		
10	16QAM	1	25	22.14	22.07	22.10	23	1
10	16QAM	1	49	21.96	21.90	22.04		
10	16QAM	25	0	20.82	20.73	20.90		
10	16QAM	25	12	20.66	20.72	20.72	22	2
10	16QAM	25	25	20.65	20.75	20.79		
10	16QAM	50	0	20.83	20.79	20.82		
10	64QAM	1	0	20.96	20.87	20.79		
10	64QAM	1	25	20.98	20.79	20.94	22	2
10	64QAM	1	49	20.79	20.92	20.96		
10	64QAM	25	0	19.90	19.77	19.81		
10	64QAM	25	12	19.69	19.63	19.76	21	3
10	64QAM	25	25	19.67	19.83	19.72		
10	64QAM	50	0	19.74	19.75	19.91		
10	256QAM	1	0	17.87	17.89	17.59		
10	256QAM	1	25	17.82	17.69	17.62	19	5
10	256QAM	1	49	17.81	17.64	17.70		
10	256QAM	25	0	17.77	17.75	17.69		
10	256QAM	25	12	17.77	17.77	17.88	19	5
10	256QAM	25	25	17.73	17.66	17.59		
10	256QAM	50	0	17.75	17.76	17.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.87	22.68		
5	QPSK	1	12	22.70	22.72	22.55	24	0
5	QPSK	1	24	22.82	22.66	22.59		
5	QPSK	12	0	21.59	21.76	21.51		
5	QPSK	12	7	21.53	21.57	21.77	23	1
5	QPSK	12	13	21.62	21.66	21.56		
5	QPSK	25	0	21.53	21.71	21.63		
5	16QAM	1	0	22.09	21.95	21.83		
5	16QAM	1	12	22.08	22.06	22.12	23	1
5	16QAM	1	24	21.95	21.82	22.13		
5	16QAM	12	0	20.89	20.76	20.85		
5	16QAM	12	7	20.72	20.71	20.65	22	2
5	16QAM	12	13	20.76	20.80	20.82		
5	16QAM	25	0	20.83	20.76	20.84		
5	64QAM	1	0	20.94	20.85	20.80		
5	64QAM	1	12	20.96	20.80	20.94	22	2
5	64QAM	1	24	20.83	21.00	20.93		
5	64QAM	12	0	19.88	19.79	19.80		
5	64QAM	12	7	19.67	19.65	19.73	21	3
5	64QAM	12	13	19.74	19.83	19.70		
5	64QAM	25	0	19.66	19.74	19.91		
5	256QAM	1	0	17.86	17.77	17.63		
5	256QAM	1	12	17.82	17.76	17.72	19	5
5	256QAM	1	24	17.76	17.68	17.69		
5	256QAM	12	0	17.69	17.76	17.71		
5	256QAM	12	7	17.81	17.80	17.63	19	5
5	256QAM	12	13	17.74	17.66	17.57		
5	256QAM	25	0	17.71	17.70	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.79	22.86	22.64		
3	QPSK	1	8	22.75	22.74	22.55	24	0
3	QPSK	1	14	22.73	22.60	22.58		
3	QPSK	8	0	21.58	21.81	21.59		
3	QPSK	8	4	21.48	21.59	21.75	23	1
3	QPSK	8	7	21.68	21.63	21.58		
3	QPSK	15	0	21.58	21.72	21.71		
3	16QAM	1	0	22.14	21.96	21.86		
3	16QAM	1	8	22.15	22.06	22.11	23	1
3	16QAM	1	14	21.89	21.84	22.14		
3	16QAM	8	0	20.82	20.78	20.90		
3	16QAM	8	4	20.68	20.73	20.68	22	2
3	16QAM	8	7	20.68	20.73	20.75		
3	16QAM	15	0	20.79	20.72	20.84		
3	64QAM	1	0	20.89	20.93	20.85		
3	64QAM	1	8	21.04	20.83	20.88	22	2
3	64QAM	1	14	20.83	20.92	20.93		
3	64QAM	8	0	19.90	19.76	19.80		
3	64QAM	8	4	19.65	19.67	19.67	21	3
3	64QAM	8	7	19.69	19.90	19.74		
3	64QAM	15	0	19.67	19.71	19.84		
3	256QAM	1	0	17.84	17.73	17.58		
3	256QAM	1	8	17.82	17.76	17.68	19	5
3	256QAM	1	14	17.75	17.67	17.67		
3	256QAM	8	0	17.73	17.77	17.74		
3	256QAM	8	4	17.80	17.78	17.65	19	5
3	256QAM	8	7	17.75	17.65	17.58		
3	256QAM	15	0	17.67	17.76	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.89	22.66		
1.4	QPSK	1	3	22.70	22.76	22.55		
1.4	QPSK	1	5	22.81	22.65	22.63	24	0
1.4	QPSK	3	0	22.77	22.89	22.66		
1.4	QPSK	3	1	22.70	22.76	22.55		
1.4	QPSK	3	3	22.81	22.65	22.63		
1.4	QPSK	6	0	21.58	21.78	21.64	23	1
1.4	16QAM	1	0	22.06	22.02	21.84		
1.4	16QAM	1	3	22.09	22.09	22.05		
1.4	16QAM	1	5	21.88	21.84	22.09	23	1
1.4	16QAM	3	0	22.06	22.02	21.84		
1.4	16QAM	3	1	22.09	22.09	22.05		
1.4	16QAM	3	3	21.88	21.84	22.09		
1.4	16QAM	6	0	20.82	20.74	20.82	22	2
1.4	64QAM	1	0	20.94	20.87	20.85		
1.4	64QAM	1	3	21.03	20.87	20.89		
1.4	64QAM	1	5	20.79	20.85	20.97	22	2
1.4	64QAM	3	0	20.94	20.87	20.85		
1.4	64QAM	3	1	21.03	20.87	20.89		
1.4	64QAM	3	3	20.79	20.85	20.97		
1.4	64QAM	6	0	19.67	19.73	19.84	21	3
1.4	256QAM	1	0	17.80	17.72	17.57		
1.4	256QAM	1	3	17.78	17.76	17.67		
1.4	256QAM	1	5	17.79	17.73	17.73	19	5
1.4	256QAM	3	0	17.70	17.77	17.73		
1.4	256QAM	3	1	17.75	17.84	17.63		
1.4	256QAM	3	3	17.76	17.68	17.57		
1.4	256QAM	6	0	17.73	17.74	17.83	19	5

Band 4 Ant2

BW [MHz]	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	23.06	23.08	23.00		
20	QPSK	1	49	23.00	23.02	22.89	24	0
20	QPSK	1	99	23.01	23.06	22.84		
20	QPSK	50	0	22.14	22.15	22.12		
20	QPSK	50	24	22.14	22.13	22.14	23	1
20	QPSK	50	50	22.10	22.02	22.13		
20	QPSK	100	0	22.02	22.07	22.03		
20	16QAM	1	0	22.24	22.28	22.21		
20	16QAM	1	49	22.21	22.38	22.41	23	1
20	16QAM	1	99	22.20	22.32	22.28		
20	16QAM	50	0	21.17	21.06	21.03		
20	16QAM	50	24	21.06	20.95	21.07	22	2
20	16QAM	50	50	21.00	21.00	21.05		
20	16QAM	100	0	21.16	21.11	21.10		
20	64QAM	1	0	21.22	21.21	21.22		
20	64QAM	1	49	21.28	21.15	21.13	22	2
20	64QAM	1	99	21.28	21.24	21.20		
20	64QAM	50	0	20.20	20.11	20.23		
20	64QAM	50	24	20.11	19.99	20.04	21	3
20	64QAM	50	50	20.14	20.20	20.19		
20	64QAM	100	0	20.20	20.10	20.23		
20	256QAM	1	0	18.23	18.19	18.26		
20	256QAM	1	49	18.07	18.17	18.21	19	5
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00		
20	256QAM	50	24	17.97	18.05	18.03	19	5
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.98	22.95		
15	QPSK	1	37	22.95	22.92	22.82	24	0
15	QPSK	1	74	22.95	22.93	22.75		
15	QPSK	36	0	22.02	22.07	22.01		
15	QPSK	36	20	22.07	22.00	22.02	23	1
15	QPSK	36	39	21.97	21.94	22.06		
15	QPSK	75	0	21.94	22.08	21.93		
15	16QAM	1	0	22.17	22.17	22.17		
15	16QAM	1	37	22.15	22.31	22.35	23	1
15	16QAM	1	74	22.10	22.22	22.16		
15	16QAM	36	0	21.12	20.94	20.91		
15	16QAM	36	20	20.98	20.89	20.94	22	2
15	16QAM	36	39	20.94	20.97	20.97		
15	16QAM	75	0	21.10	20.97	20.99		
15	64QAM	1	0	21.10	21.18	21.11		
15	64QAM	1	37	21.16	21.08	21.06	22	2
15	64QAM	1	74	21.19	21.12	21.15		
15	64QAM	36	0	20.13	19.99	20.15		
15	64QAM	36	20	20.01	19.95	19.95	21	3
15	64QAM	36	39	20.06	20.11	20.09		
15	64QAM	75	0	20.11	20.07	20.11		
15	256QAM	1	0	18.19	18.08	18.18		
15	256QAM	1	37	18.03	18.15	18.14	19	5
15	256QAM	1	74	18.22	18.01	18.16		
15	256QAM	36	0	18.13	18.05	17.94		
15	256QAM	36	20	17.85	17.95	18.00	19	5
15	256QAM	36	39	18.04	17.95	17.98		
15	256QAM	75	0	17.91	18.04	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	23.02	23.00		
10	QPSK	1	25	22.93	22.96	22.85	24	0
10	QPSK	1	49	22.92	22.90	22.81		
10	QPSK	25	0	22.01	22.03	22.00		
10	QPSK	25	12	22.05	22.04	22.09	23	1
10	QPSK	25	25	22.05	21.97	22.06		
10	QPSK	50	0	21.93	22.03	21.93		
10	16QAM	1	0	22.16	22.19	22.13		
10	16QAM	1	25	22.13	22.33	22.32	23	1
10	16QAM	1	49	22.12	22.22	22.18		
10	16QAM	25	0	21.08	20.98	20.94		
10	16QAM	25	12	21.00	20.87	21.02	22	2
10	16QAM	25	25	20.95	20.93	20.94		
10	16QAM	50	0	21.08	21.03	21.02		
10	64QAM	1	0	21.10	21.13	21.12		
10	64QAM	1	25	21.20	21.06	21.07	22	2
10	64QAM	1	49	21.21	21.12	21.17		
10	64QAM	25	0	20.11	20.05	20.18		
10	64QAM	25	12	20.04	19.95	19.98	21	3
10	64QAM	25	25	20.02	20.15	20.12		
10	64QAM	50	0	20.12	19.99	20.18		
10	256QAM	1	0	18.17	18.08	18.17		
10	256QAM	1	25	18.01	18.05	18.17	19	5
10	256QAM	1	49	18.24	18.00	18.12		
10	256QAM	25	0	18.08	18.04	17.91		
10	256QAM	25	12	17.84	17.98	17.91	19	5
10	256QAM	25	25	18.06	17.98	17.99		
10	256QAM	50	0	17.92	18.01	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.02	22.88		
5	QPSK	1	12	22.91	22.97	22.80	24	0
5	QPSK	1	24	22.94	22.94	22.76		
5	QPSK	12	0	22.03	22.09	22.03		
5	QPSK	12	7	22.06	22.05	22.11	23	1
5	QPSK	12	13	22.04	21.98	22.02		
5	QPSK	25	0	21.91	22.00	21.98		
5	16QAM	1	0	22.18	22.20	22.09		
5	16QAM	1	12	22.12	22.28	22.34	23	1
5	16QAM	1	24	22.15	22.23	22.22		
5	16QAM	12	0	21.13	20.97	20.91		
5	16QAM	12	7	20.99	20.90	20.99	22	2
5	16QAM	12	13	20.96	20.95	20.92		
5	16QAM	25	0	21.07	21.02	21.01		
5	64QAM	1	0	21.11	21.16	21.14		
5	64QAM	1	12	21.15	21.10	21.07	22	2
5	64QAM	1	24	21.19	21.18	21.12		
5	64QAM	12	0	20.10	20.00	20.19		
5	64QAM	12	7	20.02	19.88	19.94	21	3
5	64QAM	12	13	20.08	20.11	20.09		
5	64QAM	25	0	20.09	19.97	20.18		
5	256QAM	1	0	18.14	18.08	18.21		
5	256QAM	1	12	17.96	18.06	18.16	19	5
5	256QAM	1	24	18.22	18.05	18.09		
5	256QAM	12	0	18.15	18.05	17.96		
5	256QAM	12	7	17.94	18.00	17.99	19	5
5	256QAM	12	13	18.03	17.93	17.98		
5	256QAM	25	0	17.95	18.09	18.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	22.97	22.94		
3	QPSK	1	8	22.94	22.93	22.77	24	0
3	QPSK	1	14	22.97	22.89	22.71		
3	QPSK	8	0	22.04	22.02	22.08		
3	QPSK	8	4	22.03	22.03	22.06	23	1
3	QPSK	8	7	22.03	21.99	22.09		
3	QPSK	15	0	21.99	22.03	21.97		
3	16QAM	1	0	22.14	21.96	22.17		
3	16QAM	1	8	22.11	22.33	22.35	23	1
3	16QAM	1	14	22.14	22.29	22.21		
3	16QAM	8	0	21.11	20.94	20.98		
3	16QAM	8	4	20.98	20.94	21.00	22	2
3	16QAM	8	7	20.91	20.94	21.01		
3	16QAM	15	0	21.04	21.02	20.97		
3	64QAM	1	0	21.11	21.14	21.16		
3	64QAM	1	8	21.22	21.03	21.05	22	2
3	64QAM	1	14	21.18	21.19	21.16		
3	64QAM	8	0	20.17	20.03	20.11		
3	64QAM	8	4	20.03	19.89	19.97	21	3
3	64QAM	8	7	20.02	20.06	20.10		
3	64QAM	15	0	20.14	20.04	20.17		
3	256QAM	1	0	18.13	18.08	18.17		
3	256QAM	1	8	17.97	18.08	18.12	19	5
3	256QAM	1	14	18.16	18.06	18.13		
3	256QAM	8	0	18.13	17.97	17.89		
3	256QAM	8	4	17.88	17.97	17.92	19	5
3	256QAM	8	7	18.01	17.97	18.00		
3	256QAM	15	0	17.97	18.06	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.85	22.55		
1.4	QPSK	1	3	22.67	22.67	22.43		
1.4	QPSK	1	5	22.75	22.56	22.58	24	0
1.4	QPSK	3	0	22.69	22.85	22.59		
1.4	QPSK	3	1	22.65	22.70	22.45		
1.4	QPSK	3	3	22.71	22.60	22.54		
1.4	QPSK	6	0	21.48	21.72	21.61	23	1
1.4	16QAM	1	0	22.01	21.95	21.77		
1.4	16QAM	1	3	21.97	21.96	22.01		
1.4	16QAM	1	5	21.84	21.77	21.98	23	1
1.4	16QAM	3	0	21.93	21.95	21.76		
1.4	16QAM	3	1	22.01	22.05	21.99		
1.4	16QAM	3	3	21.82	21.75	22.02		
1.4	16QAM	6	0	20.76	20.64	20.74	22	2
1.4	64QAM	1	0	20.89	20.83	20.80		
1.4	64QAM	1	3	20.95	20.75	20.85		
1.4	64QAM	1	5	20.67	20.76	20.94	22	2
1.4	64QAM	3	0	20.83	20.79	20.79		
1.4	64QAM	3	1	20.91	20.82	20.85		
1.4	64QAM	3	3	20.74	20.83	20.91		
1.4	64QAM	6	0	19.60	19.65	19.74	21	3
1.4	256QAM	1	0	17.76	17.61	17.49		
1.4	256QAM	1	3	17.73	17.66	17.61		
1.4	256QAM	1	5	17.76	17.67	17.67	19	5
1.4	256QAM	3	0	17.58	17.64	17.63		
1.4	256QAM	3	1	17.65	17.72	17.51		
1.4	256QAM	3	3	17.72	17.57	17.52		
1.4	256QAM	6	0	17.68	17.63	17.74	19	5

Band 7 Ant2

BW [MHz]	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	21.18	21.35	21.05		
20	QPSK	1	49	21.05	21.32	20.92	22	0
20	QPSK	1	99	21.12	21.17	21.11		
20	QPSK	50	0	21.18	21.31	21.12		
20	QPSK	50	24	21.08	21.28	20.87	22	0
20	QPSK	50	50	21.13	21.16	21.07		
20	QPSK	100	0	21.19	21.30	21.05		
20	16QAM	1	0	21.17	21.25	21.07		
20	16QAM	1	49	21.10	21.24	20.92	22	0
20	16QAM	1	99	21.10	21.13	21.01		
20	16QAM	50	0	21.03	20.98	21.08		
20	16QAM	50	24	21.06	21.05	21.06	22	0
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0

Band 2 Ant9

BW [MHz]	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	20.38	20.58	20.30		
20	QPSK	1	49	20.31	20.42	20.36	21.6	0
20	QPSK	1	99	20.39	20.49	20.37		
20	QPSK	50	0	20.37	20.56	20.39		
20	QPSK	50	24	20.29	20.43	20.24	21.6	0
20	QPSK	50	50	20.23	20.53	20.18		
20	QPSK	100	0	20.35	20.54	20.34		
20	16QAM	1	0	20.30	20.43	20.20		
20	16QAM	1	49	20.20	20.54	20.20	21.6	0
20	16QAM	1	99	20.34	20.49	20.33		
20	16QAM	50	0	20.27	20.46	20.37		
20	16QAM	50	24	20.21	20.56	20.18	21.6	0
20	16QAM	50	50	20.33	20.55	20.36		
20	16QAM	100	0	20.27	20.40	20.15		
20	64QAM	1	0	20.25	20.58	20.20		
20	64QAM	1	49	20.38	20.57	20.40	21.6	0
20	64QAM	1	99	20.25	20.42	20.25		
20	64QAM	50	0	19.90	19.79	19.86		
20	64QAM	50	24	19.70	19.79	19.89	21.1	0.5
20	64QAM	50	50	19.92	19.69	19.72		
20	64QAM	100	0	19.85	19.80	19.87		
20	256QAM	1	0	17.76	17.87	17.84		
20	256QAM	1	49	17.89	17.83	17.92	19.1	2.5
20	256QAM	1	99	17.84	17.76	17.75		
20	256QAM	50	0	17.85	17.75	17.62		
20	256QAM	50	24	17.84	17.87	17.63	19.1	2.5
20	256QAM	50	50	17.73	17.71	17.87		
20	256QAM	100	0	17.88	17.77	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.29	20.56	20.21		
15	QPSK	1	37	20.22	20.38	20.24	21.6	0
15	QPSK	1	74	20.36	20.32	20.22		
15	QPSK	36	0	20.29	20.49	20.33		
15	QPSK	36	20	20.21	20.37	20.14	21.6	0
15	QPSK	36	39	20.18	20.41	20.14		
15	QPSK	75	0	20.31	20.41	20.28		
15	16QAM	1	0	20.19	20.33	20.15		
15	16QAM	1	37	20.11	20.37	20.13	21.6	0
15	16QAM	1	74	20.25	20.33	20.20		
15	16QAM	36	0	20.11	20.42	20.11		
15	16QAM	36	20	20.05	20.41	20.14	21.6	0
15	16QAM	36	39	20.25	20.47	20.29		
15	16QAM	75	0	20.21	20.32	20.10		
15	64QAM	1	0	20.08	20.36	20.10		
15	64QAM	1	37	20.21	20.42	20.31	21.6	0
15	64QAM	1	74	20.19	20.25	20.15		
15	64QAM	36	0	19.85	19.66	19.71		
15	64QAM	36	20	19.56	19.64	19.73	21.1	0.5
15	64QAM	36	39	19.75	19.54	19.56		
15	64QAM	75	0	19.74	19.67	19.70		
15	256QAM	1	0	17.67	17.81	17.68		
15	256QAM	1	37	17.87	17.79	17.66	19.1	2.5
15	256QAM	1	74	17.80	17.64	17.69		
15	256QAM	36	0	17.72	17.60	17.55		
15	256QAM	36	20	17.71	17.77	17.56	19.1	2.5
15	256QAM	36	39	17.64	17.67	17.81		
15	256QAM	75	0	17.74	17.62	17.54		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.23	20.42	20.26		
10	QPSK	1	25	20.23	20.36	20.32	21.6	0
10	QPSK	1	49	20.24	20.37	20.23		
10	QPSK	25	0	20.21	20.50	20.26		
10	QPSK	25	12	20.23	20.26	20.21	21.6	0
10	QPSK	25	25	20.14	20.46	20.20		
10	QPSK	50	0	20.23	20.42	20.26		
10	16QAM	1	0	20.26	20.29	20.12		
10	16QAM	1	25	20.17	20.41	20.06	21.6	0
10	16QAM	1	49	20.24	20.33	20.19		
10	16QAM	25	0	20.11	20.43	20.08		
10	16QAM	25	12	20.10	20.49	20.06	21.6	0
10	16QAM	25	25	20.29	20.51	20.22		
10	16QAM	50	0	20.13	20.36	19.99		
10	64QAM	1	0	20.13	20.38	20.14		
10	64QAM	1	25	20.32	20.46	20.32	21.6	0
10	64QAM	1	49	20.16	20.32	20.08		
10	64QAM	25	0	19.80	19.77	19.77		
10	64QAM	25	12	19.60	19.65	19.81	21.1	0.5
10	64QAM	25	25	19.86	19.51	19.55		
10	64QAM	50	0	19.72	19.75	19.85		
10	256QAM	1	0	17.71	17.84	17.80		
10	256QAM	1	25	17.78	17.81	17.69	19.1	2.5
10	256QAM	1	49	17.75	17.59	17.64		
10	256QAM	25	0	17.82	17.57	17.53		
10	256QAM	25	12	17.67	17.61	17.68	19.1	2.5
10	256QAM	25	25	17.61	17.55	17.77		
10	256QAM	50	0	17.76	17.62	17.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.29	20.50	20.19		
5	QPSK	1	12	20.18	20.33	20.30	21.6	0
5	QPSK	1	24	20.22	20.44	20.24		
5	QPSK	12	0	20.29	20.48	20.28		
5	QPSK	12	7	20.24	20.29	20.19	21.6	0
5	QPSK	12	13	20.07	20.49	20.08		
5	QPSK	25	0	20.19	20.51	20.27		
5	16QAM	1	0	20.22	20.30	20.07		
5	16QAM	1	12	20.06	20.37	20.12	21.6	0
5	16QAM	1	24	20.23	20.39	20.22		
5	16QAM	12	0	20.19	20.41	20.03		
5	16QAM	12	7	20.13	20.38	20.01	21.6	0
5	16QAM	12	13	20.08	20.22	19.98		
5	16QAM	25	0	20.21	20.24	19.98		
5	64QAM	1	0	20.16	20.45	20.03		
5	64QAM	1	12	20.30	20.50	20.33	21.6	0
5	64QAM	1	24	20.16	20.38	20.21		
5	64QAM	12	0	19.87	19.77	19.72		
5	64QAM	12	7	19.60	19.65	19.81	21.1	0.5
5	64QAM	12	13	19.89	19.59	19.57		
5	64QAM	25	0	19.78	19.70	19.73		
5	256QAM	1	0	17.64	17.78	17.74		
5	256QAM	1	12	17.86	17.74	17.64	19.1	2.5
5	256QAM	1	24	17.77	17.67	17.68		
5	256QAM	12	0	17.66	17.56	17.55		
5	256QAM	12	7	17.70	17.82	17.52	19.1	2.5
5	256QAM	12	13	17.57	17.58	17.75		
5	256QAM	25	0	17.71	17.69	17.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.34	20.46	20.21		
3	QPSK	1	8	20.29	20.25	20.21	21.6	0
3	QPSK	1	14	20.36	20.40	20.23		
3	QPSK	8	0	20.22	20.52	20.37		
3	QPSK	8	4	20.18	20.29	20.09	21.6	0
3	QPSK	8	7	20.10	20.37	20.09		
3	QPSK	15	0	20.18	20.42	20.32		
3	16QAM	1	0	20.16	20.30	20.02		
3	16QAM	1	8	20.08	20.38	20.06	21.6	0
3	16QAM	1	14	20.24	20.35	20.19		
3	16QAM	8	0	20.19	20.33	20.08		
3	16QAM	8	4	20.14	20.33	20.16	21.6	0
3	16QAM	8	7	20.29	20.45	20.28		
3	16QAM	15	0	20.14	20.33	20.12		
3	64QAM	1	0	20.10	20.35	20.07		
3	64QAM	1	8	20.23	20.53	20.34	21.6	0
3	64QAM	1	14	20.18	20.25	20.20		
3	64QAM	8	0	19.81	19.64	19.83		
3	64QAM	8	4	19.67	19.66	19.77	21.1	0.5
3	64QAM	8	7	19.75	19.57	19.69		
3	64QAM	15	0	19.78	19.68	19.75		
3	256QAM	1	0	17.72	17.79	17.72		
3	256QAM	1	8	17.87	17.69	17.72	19.1	2.5
3	256QAM	1	14	17.69	17.65	17.59		
3	256QAM	8	0	17.79	17.65	17.53		
3	256QAM	8	4	17.67	17.81	17.50	19.1	2.5
3	256QAM	8	7	17.68	17.65	17.83		
3	256QAM	15	0	17.79	17.71	17.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.24	20.42	20.14		
1.4	QPSK	1	3	20.27	20.35	20.20		
1.4	QPSK	1	5	20.32	20.40	20.34	21.6	0
1.4	QPSK	3	0	20.25	20.53	20.36		
1.4	QPSK	3	1	20.12	20.35	20.09		
1.4	QPSK	3	3	20.16	20.42	20.11		
1.4	QPSK	6	0	20.32	20.47	20.23	21.6	0
1.4	16QAM	1	0	20.25	20.29	20.12		
1.4	16QAM	1	3	20.09	20.44	20.07		
1.4	16QAM	1	5	20.26	20.39	20.21	21.6	0
1.4	16QAM	3	0	20.10	20.32	20.05		
1.4	16QAM	3	1	20.05	20.41	20.05		
1.4	16QAM	3	3	20.23	20.48	20.27		
1.4	16QAM	6	0	20.15	20.27	20.07	21.6	0
1.4	64QAM	1	0	20.14	20.44	20.10		
1.4	64QAM	1	3	20.31	20.45	20.23		
1.4	64QAM	1	5	20.11	20.33	20.19	21.6	0
1.4	64QAM	3	0	20.28	20.45	20.14		
1.4	64QAM	3	1	20.23	20.30	20.23		
1.4	64QAM	3	3	20.24	20.35	20.31		
1.4	64QAM	6	0	19.73	19.67	19.70	21.1	0.5
1.4	256QAM	1	0	17.69	17.84	17.78		
1.4	256QAM	1	3	17.78	17.66	17.73		
1.4	256QAM	1	5	17.75	17.60	17.58	19.1	2.5
1.4	256QAM	3	0	17.79	17.64	17.59		
1.4	256QAM	3	1	17.66	17.75	17.48		
1.4	256QAM	3	3	17.68	17.62	17.71		
1.4	256QAM	6	0	17.77	17.63	17.57	19.1	2.5

Band 4 Ant9

BW [MHz]	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	21.96	22.10	21.94		
20	QPSK	1	49	21.80	22.02	21.86	23.1	0
20	QPSK	1	99	22.01	21.86	21.89		
20	QPSK	50	0	22.02	22.08	22.00		
20	QPSK	50	24	21.98	21.97	21.97	23.1	0
20	QPSK	50	50	21.85	22.04	22.01		
20	QPSK	100	0	21.87	22.03	21.85		
20	16QAM	1	0	21.96	22.02	21.94		
20	16QAM	1	49	21.80	22.02	21.86	23.1	0
20	16QAM	1	99	22.01	21.86	21.89		
20	16QAM	50	0	21.05	21.01	21.14		
20	16QAM	50	24	20.95	21.12	21.09	22.1	1
20	16QAM	50	50	21.09	20.95	21.00		
20	16QAM	100	0	20.95	21.04	21.05		
20	64QAM	1	0	21.24	21.15	21.26		
20	64QAM	1	49	21.14	21.17	21.15	22.1	1
20	64QAM	1	99	21.24	21.18	21.05		
20	64QAM	50	0	20.20	20.07	20.19		
20	64QAM	50	24	19.95	20.02	20.16	21.1	2
20	64QAM	50	50	20.12	20.19	20.06		
20	64QAM	100	0	20.19	20.07	20.07		
20	256QAM	1	0	18.22	18.23	18.25		
20	256QAM	1	49	18.18	18.21	18.22	19.1	4
20	256QAM	1	99	18.25	18.20	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19.1	4
20	256QAM	50	50	18.12	18.03	18.04		
20	256QAM	100	0	18.01	18.07	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.79	21.99	21.91		
15	QPSK	1	37	21.68	21.96	21.71	23.1	0
15	QPSK	1	74	21.97	21.81	21.84		
15	QPSK	36	0	21.94	22.00	21.89		
15	QPSK	36	20	21.95	21.81	21.93	23.1	0
15	QPSK	36	39	21.74	21.88	21.87		
15	QPSK	75	0	21.77	21.92	21.79		
15	16QAM	1	0	21.90	21.91	21.85		
15	16QAM	1	37	21.71	21.97	21.78	23.1	0
15	16QAM	1	74	21.91	21.75	21.86		
15	16QAM	36	0	20.91	20.83	21.01		
15	16QAM	36	20	20.81	20.97	20.99	22.1	1
15	16QAM	36	39	20.95	20.91	20.95		
15	16QAM	75	0	20.91	20.88	21.01		
15	64QAM	1	0	21.18	21.10	21.08		
15	64QAM	1	37	21.03	21.10	20.99	22.1	1
15	64QAM	1	74	21.09	21.12	20.93		
15	64QAM	36	0	20.17	20.05	20.10		
15	64QAM	36	20	19.90	19.95	20.06	21.2	2
15	64QAM	36	39	20.02	20.06	20.03		
15	64QAM	75	0	20.13	20.02	19.98		
15	256QAM	1	0	18.10	18.11	18.07		
15	256QAM	1	37	18.13	18.08	18.11	19.1	4
15	256QAM	1	74	18.07	18.16	17.97		
15	256QAM	36	0	18.00	17.84	17.87		
15	256QAM	36	20	18.01	17.77	17.77	19.1	4
15	256QAM	36	39	17.98	17.97	17.95		
15	256QAM	75	0	17.88	18.02	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.92	21.94	21.87		
10	QPSK	1	25	21.62	21.86	21.70	23.1	0
10	QPSK	1	49	21.93	21.80	21.79		
10	QPSK	25	0	21.98	21.94	21.93		
10	QPSK	25	12	21.84	21.89	21.90	23.1	0
10	QPSK	25	25	21.83	22.02	21.90		
10	QPSK	50	0	21.79	21.89	21.74		
10	16QAM	1	0	21.93	21.90	21.79		
10	16QAM	1	25	21.75	21.96	21.77	23.1	0
10	16QAM	1	49	21.83	21.84	21.83		
10	16QAM	25	0	20.88	20.92	21.00		
10	16QAM	25	12	20.89	21.09	21.00	22.1	1
10	16QAM	25	25	21.05	20.86	20.96		
10	16QAM	50	0	20.91	21.01	20.99		
10	64QAM	1	0	21.18	21.07	21.22		
10	64QAM	1	25	21.01	21.13	21.03	22.1	1
10	64QAM	1	49	21.07	21.05	21.00		
10	64QAM	25	0	20.06	19.93	20.15		
10	64QAM	25	12	19.86	19.94	19.99	21.2	2
10	64QAM	25	25	20.05	20.10	19.94		
10	64QAM	50	0	20.17	20.02	19.93		
10	256QAM	1	0	18.06	18.24	18.15		
10	256QAM	1	25	18.02	18.09	18.17	19.1	4
10	256QAM	1	49	18.07	18.04	17.99		
10	256QAM	25	0	18.01	17.98	17.75		
10	256QAM	25	12	17.97	17.87	17.80	19.1	4
10	256QAM	25	25	17.95	18.00	17.93		
10	256QAM	50	0	17.76	18.03	18.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.83	21.95	21.83		
5	QPSK	1	12	21.74	21.90	21.75	23.1	0
5	QPSK	1	24	21.96	21.70	21.74		
5	QPSK	12	0	21.98	21.92	21.90		
5	QPSK	12	7	21.94	21.88	21.88	23.1	0
5	QPSK	12	13	21.68	21.96	21.86		
5	QPSK	25	0	21.77	22.00	21.77		
5	16QAM	1	0	21.92	21.94	21.86		
5	16QAM	1	12	21.75	21.93	21.79	23.1	0
5	16QAM	1	24	21.90	21.84	21.81		
5	16QAM	12	0	20.90	20.94	21.05		
5	16QAM	12	7	20.84	20.94	21.06	22.1	1
5	16QAM	12	13	20.94	20.85	20.87		
5	16QAM	25	0	20.89	21.01	20.99		
5	64QAM	1	0	21.06	21.10	21.19		
5	64QAM	1	12	20.98	21.10	21.01	22.1	1
5	64QAM	1	24	21.12	21.08	20.96		
5	64QAM	12	0	20.07	19.95	20.08		
5	64QAM	12	7	19.85	19.98	20.08	21.2	2
5	64QAM	12	13	19.95	20.02	19.91		
5	64QAM	25	0	20.08	19.95	19.95		
5	256QAM	1	0	18.08	18.08	18.17		
5	256QAM	1	12	18.13	18.14	18.07	19.1	4
5	256QAM	1	24	18.15	18.10	18.00		
5	256QAM	12	0	17.97	18.00	17.87		
5	256QAM	12	7	17.94	17.74	17.72	19.1	4
5	256QAM	12	13	18.06	17.97	17.86		
5	256QAM	25	0	17.94	17.92	18.04		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.79	22.06	21.90		
3	QPSK	1	8	21.77	21.91	21.72	23.1	0
3	QPSK	1	14	21.99	21.79	21.75		
3	QPSK	8	0	21.96	22.08	21.92		
3	QPSK	8	4	21.82	21.85	21.92	23.1	0
3	QPSK	8	7	21.70	21.93	21.89		
3	QPSK	15	0	21.75	21.89	21.74		
3	16QAM	1	0	21.90	21.80	21.80		
3	16QAM	1	8	21.67	22.00	21.70	23.1	0
3	16QAM	1	14	21.96	21.69	21.86		
3	16QAM	8	0	20.94	20.89	20.98		
3	16QAM	8	4	20.89	20.96	21.00	22.1	1
3	16QAM	8	7	21.06	20.79	20.90		
3	16QAM	15	0	20.84	20.86	21.03		
3	64QAM	1	0	21.12	20.99	21.19		
3	64QAM	1	8	21.07	21.03	21.07	22.1	1
3	64QAM	1	14	21.14	21.11	20.96		
3	64QAM	8	0	20.03	19.93	20.15		
3	64QAM	8	4	19.89	19.96	20.02	21.2	2
3	64QAM	8	7	19.99	20.05	20.00		
3	64QAM	15	0	20.04	19.92	19.98		
3	256QAM	1	0	18.20	18.07	18.23		
3	256QAM	1	8	18.08	18.18	18.13	19.1	4
3	256QAM	1	14	18.13	18.15	17.96		
3	256QAM	8	0	18.00	17.84	17.78		
3	256QAM	8	4	17.90	17.81	17.85	19.1	4
3	256QAM	8	7	18.00	17.98	17.95		
3	256QAM	15	0	17.97	17.97	18.04		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.80	21.99	21.83		
1.4	QPSK	1	3	21.63	21.92	21.69		
1.4	QPSK	1	5	21.95	21.89	21.78	23.1	0
1.4	QPSK	3	0	21.95	21.95	21.84		
1.4	QPSK	3	1	21.83	21.87	21.88		
1.4	QPSK	3	3	21.74	21.97	21.87		
1.4	QPSK	6	0	21.84	22.00	21.70	23.1	0
1.4	16QAM	1	0	21.90	21.91	21.89		
1.4	16QAM	1	3	21.77	21.88	21.83		
1.4	16QAM	1	5	21.88	21.74	21.72	23.1	0
1.4	16QAM	3	0	21.83	21.96	21.88		
1.4	16QAM	3	1	21.68	21.92	21.80		
1.4	16QAM	3	3	21.84	21.71	21.80		
1.4	16QAM	6	0	20.85	20.94	20.99	22.1	1
1.4	64QAM	1	0	21.18	21.11	21.10		
1.4	64QAM	1	3	21.02	21.01	21.07		
1.4	64QAM	1	5	21.11	21.04	21.01	22.1	1
1.4	64QAM	3	0	21.83	21.93	21.85		
1.4	64QAM	3	1	21.73	21.95	21.69		
1.4	64QAM	3	3	21.91	21.93	21.78		
1.4	64QAM	6	0	20.04	20.02	20.01	21.2	2
1.4	256QAM	1	0	18.04	18.14	18.21		
1.4	256QAM	1	3	18.11	18.18	18.06		
1.4	256QAM	1	5	18.19	18.04	18.04	19.1	4
1.4	256QAM	3	0	18.01	17.91	17.81		
1.4	256QAM	3	1	17.99	17.80	17.78		
1.4	256QAM	3	3	18.09	17.94	17.96		
1.4	256QAM	6	0	17.99	18.04	18.09	19.1	4

Band 7 Ant9

BW [MHz]	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	18.08	18.15	17.88		
20	QPSK	1	49	17.98	17.93	18.08	19.2	0
20	QPSK	1	99	17.91	18.13	18.01		
20	QPSK	50	0	18.09	18.13	17.90		
20	QPSK	50	24	18.03	17.91	17.76	19.2	0
20	QPSK	50	50	17.83	18.11	17.77		
20	QPSK	100	0	18.01	18.10	17.90		
20	16QAM	1	0	18.06	17.85	17.85		

Reduced Power Mode for ECI7_Other PA

Band 2 Ant0

BW [MHz]	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	17.13	17.19	17.06		
20	QPSK	1	49	17.07	17.05	17.11	18.4	0
20	QPSK	1	99	17.08	16.98	17.06		
20	QPSK	50	0	17.06	17.17	17.15		
20	QPSK	50	24	17.08	16.99	17.06	18.4	0
20	QPSK	50	50	16.99	16.88	16.99		
20	QPSK	100	0	17.05	17.16	17.12		
20	16QAM	1	0	17.00	17.06	17.07		
20	16QAM	1	49	17.07	16.94	16.99	18.4	0
20	16QAM	1	99	17.14	17.15	17.17		
20	16QAM	50	0	17.04	17.03	17.11		
20	16QAM	50	24	17.02	16.95	17.03	18.4	0
20	16QAM	50	50	17.14	17.11	17.10		
20	16QAM	100	0	17.03	16.99	17.09		
20	64QAM	1	0	16.99	16.89	17.04		
20	64QAM	1	49	17.11	17.17	17.12	18.4	0
20	64QAM	1	99	17.08	17.02	17.03		
20	64QAM	50	0	17.04	16.91	16.97		
20	64QAM	50	24	17.05	17.18	17.15	18.4	0
20	64QAM	50	50	17.03	17.03	17.10		
20	64QAM	100	0	17.09	16.99	17.03		
20	256QAM	1	0	16.22	16.36	16.26		
20	256QAM	1	49	16.37	16.39	16.25	17.4	1
20	256QAM	1	99	16.38	16.46	16.41		
20	256QAM	50	0	16.38	16.32	16.24		
20	256QAM	50	24	16.21	16.26	16.19	17.4	1
20	256QAM	50	50	16.31	16.39	16.47		
20	256QAM	100	0	16.37	16.29	16.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.07	17.00	16.95		
15	QPSK	1	37	17.01	16.98	16.96	18.4	0
15	QPSK	1	74	16.88	16.88	16.97		
15	QPSK	36	0	16.98	17.12	17.01		
15	QPSK	36	20	16.92	16.88	16.87	18.4	0
15	QPSK	36	39	16.83	16.74	16.81		
15	QPSK	75	0	16.94	16.98	16.99		
15	16QAM	1	0	16.95	16.93	17.03		
15	16QAM	1	37	16.89	16.90	16.78	18.4	0
15	16QAM	1	74	17.01	17.01	16.97		
15	16QAM	36	0	16.99	17.01	16.97		
15	16QAM	36	20	16.98	16.83	16.90	18.4	0
15	16QAM	36	39	16.99	17.01	16.97		
15	16QAM	75	0	16.89	16.79	16.87		
15	64QAM	1	0	16.95	16.81	16.98		
15	64QAM	1	37	17.05	17.07	17.06	18.4	0
15	64QAM	1	74	16.88	16.86	16.92		
15	64QAM	36	0	16.92	16.79	16.82		
15	64QAM	36	20	16.89	16.94	16.81	18.4	0
15	64QAM	36	39	16.85	16.90	16.94		
15	64QAM	75	0	16.98	16.93	16.86		
15	256QAM	1	0	16.03	16.22	16.23		
15	256QAM	1	37	16.28	16.37	16.19	17.4	1
15	256QAM	1	74	16.19	16.32	16.36		
15	256QAM	36	0	16.34	16.16	16.17		
15	256QAM	36	20	15.99	16.19	16.12	17.4	1
15	256QAM	36	39	16.10	16.19	16.14		
15	256QAM	75	0	16.15	16.07	16.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.98	17.00	16.99		
10	QPSK	1	25	16.87	16.98	17.07	18.4	0
10	QPSK	1	49	17.04	16.94	16.88		
10	QPSK	25	0	16.85	17.03	17.02		
10	QPSK	25	12	16.97	16.81	16.97	18.4	0
10	QPSK	25	25	16.96	16.93	16.94		
10	QPSK	50	0	16.87	17.07	16.97		
10	16QAM	1	0	16.86	16.89	16.89		
10	16QAM	1	25	16.97	16.73	16.82	18.4	0
10	16QAM	1	49	17.01	16.96	17.13		
10	16QAM	25	0	17.00	16.84	16.98		
10	16QAM	25	12	16.87	16.74	16.90	18.4	0
10	16QAM	25	25	16.99	16.92	17.05		
10	16QAM	50	0	16.92	16.82	16.94		
10	64QAM	1	0	16.86	16.85	17.01		
10	64QAM	1	25	16.96	17.00	16.91	18.4	0
10	64QAM	1	49	16.92	16.86	16.99		
10	64QAM	25	0	16.99	16.82	16.77		
10	64QAM	25	12	17.01	16.96	17.03	18.4	0
10	64QAM	25	25	17.00	16.97	16.95		
10	64QAM	50	0	16.93	16.85	16.96		
10	256QAM	1	0	16.01	16.29	16.13		
10	256QAM	1	25	16.29	16.30	16.14	17.4	1
10	256QAM	1	49	16.16	16.42	16.23		
10	256QAM	25	0	16.23	16.29	16.11		
10	256QAM	25	12	16.18	16.12	16.12	17.4	1
10	256QAM	25	25	16.14	16.32	16.43		
10	256QAM	50	0	16.16	16.23	16.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.05	17.09	16.85		
5	QPSK	1	12	17.03	17.02	17.06	18.4	0
5	QPSK	1	24	17.04	16.94	16.93		
5	QPSK	12	0	16.86	17.14	17.04		
5	QPSK	12	7	16.96	16.83	16.95	18.4	0
5	QPSK	12	13	16.77	16.80	16.93		
5	QPSK	25	0	16.86	17.02	17.07		
5	16QAM	1	0	16.89	17.01	16.99		
5	16QAM	1	12	16.85	16.75	16.95	18.4	0
5	16QAM	1	24	17.06	17.09	17.07		
5	16QAM	12	0	16.92	16.88	16.95		
5	16QAM	12	7	16.83	16.91	16.85	18.4	0
5	16QAM	12	13	16.72	16.91	16.92		
5	16QAM	25	0	16.83	16.93	17.06		
5	64QAM	1	0	16.89	16.73	16.94		
5	64QAM	1	12	16.99	17.13	17.10	18.4	0
5	64QAM	1	24	16.92	16.91	17.03		
5	64QAM	12	0	16.85	16.84	16.77		
5	64QAM	12	7	16.89	17.02	17.05	18.4	0
5	64QAM	12	13	16.96	16.95	16.97		
5	64QAM	25	0	16.88	16.83	16.96		
5	256QAM	1	0	16.03	16.27	16.14		
5	256QAM	1	12	16.32	16.35	16.23	17.4	1
5	256QAM	1	24	16.17	16.33	16.23		
5	256QAM	12	0	16.24	16.24	16.08		
5	256QAM	12	7	16.23	16.25	16.31	17.4	1
5	256QAM	12	13	16.23	16.25	16.31		
5	256QAM	25	0	16.29	16.14	16.07		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.95	17.11	17.00		
3	QPSK	1	8	16.94	16.85	16.98	18.4	0
3	QPSK	1	14	16.95	16.96	16.93		
3	QPSK	8	0	16.94	17.09	17.09		
3	QPSK	8	4	16.91	16.89	16.90	18.4	0
3	QPSK	8	7	16.96	16.88	16.92		
3	QPSK	15	0	17.00	16.97	16.97		
3	16QAM	1	0	16.92	16.93	16.88		
3	16QAM	1	8	16.99	16.77	16.84	18.4	0
3	16QAM	1	14	17.09	16.96	17.03		
3	16QAM	8	0	16.90	16.81	17.02		
3	16QAM	8	4	16.89	16.84	16.96	18.4	0
3	16QAM	8	7	17.08	16.97	16.90		
3	16QAM	15	0	16.97	16.78	16.93		
3	64QAM	1	0	16.86	16.68	17.00		
3	64QAM	1	8	16.92	17.10	16.93	18.4	0
3	64QAM	1	14	16.87	16.87	16.84		
3	64QAM	8	0	16.96	16.89	16.84		
3	64QAM	8	4	16.86	17.14	17.02	18.4	0
3	64QAM	8	7	16.90	16.82	16.87		
3	64QAM	15	0	17.04	16.85	16.85		
3	256QAM	1	0	16.07	16.33	16.05		
3	256QAM	1	8	16.31	16.28	16.18	17.4	1
3	256QAM	1	14	16.16	16.42	16.22		
3	256QAM	8	0	16.36	16.13	16.11		
3	256QAM	8	4	16.09	16.11	16.12	17.4	1
3	256QAM	8	7	16.24	16.21	16.30		
3	256QAM	15	0	16.17	16.07	16.02		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.03	17.02	17.02		
1.4	QPSK	1	3	16.93	16.99	16.93		
1.4	QPSK	1	5	17.03	16.85	17.02	18.4	0
1.4	QPSK	3	0	17.03	16.98	16.93		
1.4	QPSK	3	1	17.03	16.86	16.99		
1.4	QPSK	3	3	17.02	16.79	16.93		
1.4	QPSK	6	0	16.73	16.95	16.87	18.4	0
1.4	16QAM	1	0	16.84	16.79	16.84		
1.4	16QAM	1	3	16.74	16.61	16.87		
1.4	16QAM	1	5	16.75	16.85	16.97	18.4	0
1.4	16QAM	3	0	16.83	16.93	16.81		
1.4	16QAM	3	1	16.71	16.64	16.81		
1.4	16QAM	3	3	16.91	16.89	16.94		
1.4	16QAM	6	0	16.75	16.69	16.73	18.4	0
1.4	64QAM	1	0	16.69	16.88	16.74		
1.4	64QAM	1	3	16.91	16.92	16.82	18.4	0
1.4	64QAM	1	5	16.62	16.85	16.97		
1.4	64QAM	3	0	16.75	16.65	16.89		
1.4	64QAM	3	1	16.94	16.98	16.91		
1.4	64QAM	3	3	16.72	16.91	16.79		
1.4	64QAM	6	0	16.83	16.74	16.60	18.4	0
1.4	256QAM	1	0	16.71	16.86	16.99		
1.4	256QAM	1	3	16.78	16.85	16.88		
1.4	256QAM	1	5	16.69	16.68	16.70	17.4	1
1.4	256QAM	3	0	15.97	16.20	16.02		
1.4	256QAM	3	1	16.01	16.21	16.01		
1.4	256QAM	3	3	16.21	16.37	16.28		
1.4	256QAM	6	0	16.28	16.14	16.08	17.4	1

Band 4 Ant0

BW [MHz]	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	17.22	17.31	17.24		
20	QPSK	1	49	17.24	17.20	17.05	18.4	0
20	QPSK	1	99	17.19	17.13	17.13		
20	QPSK	50	0	17.23	17.27	17.14		
20	QPSK	50	24	17.20	17.13	17.17	18.4	0
20	QPSK	50	50	17.25	17.17	17.13		
20	QPSK	100	0	17.21	17.26	17.22		
20	16QAM	1	0	17.22	17.20	17.06		
20	16QAM	1	49	17.22	17.10	17.13	18.4	0
20	16QAM	1	99	17.17	17.19	17.21		
20	16QAM	50	0	17.15	17.13	17.12		
20	16QAM	50	24	17.22	17.14	17.11	18.4	0
20	16QAM	50	50	17.16	17.22	17.22		
20	16QAM	100	0	17.15	17.22	17.11		
20	64QAM	1	0	17.26	17.14	17.13		
20	64QAM	1	49	17.15	17.18	17.14	18.4	0
20	64QAM	1	99	17.23	17.19	17.11		
20	64QAM	50	0	17.26	17.20	17.03		
20	64QAM	50	24	17.23	17.21	17.19	18.4	0
20	64QAM	50	50	17.24	17.21	17.09		
20	64QAM	100	0	17.24	17.19	17.11		
20	256QAM	1	0	16.52	16.57	16.61		
20	256QAM	1	49	16.61	16.71	16.44	17.4	1
20	256QAM	1	99	16.65	16.55	16.43		
20	256QAM	50	0	16.55	16.49	16.63		
20	256QAM	50	24	16.52	16.40	16.40	17.4	1
20	256QAM	50	50	16.54	16.57	16.53		
20	256QAM	100	0	16.17	16.29	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.14	17.28	17.04		
15	QPSK	1	37	17.15	17.10	16.90	18.4	0
15	QPSK	1	74	16.98	16.98	16.92		
15	QPSK	36	0	17.08	17.12	17.00		
15	QPSK	36	20	17.06	17.06	17.11	18.4	0
15	QPSK	36	39	17.08	17.10	16.95		
15	QPSK	75	0	17.09	17.19	17.07		
15	16QAM	1	0	17.15	17.12	16.86		
15	16QAM	1	37	17.19	17.02	16.96	18.4	0
15	16QAM	1	74	17.15	17.10	17.18		
15	16QAM	36	0	16.96	16.93	17.06		
15	16QAM	36	20	17.03	17.11	17.07	18.4	0
15	16QAM	36	39	17.09	17.19	17.12		
15	16QAM	75	0	16.98	17.15	16.98		
15	64QAM	1	0	17.18	17.03	17.03		
15	64QAM	1	37	17.04	17.09	16.99	18.4	0
15	64QAM	1	74	17.06	17.00	17.01		
15	64QAM	36	0	17.21	17.07	16.82		
15	64QAM	36	20	17.19	17.17	17.02	18.4	0
15	64QAM	36	39	17.16	17.12	16.94		
15	64QAM	75	0	17.07	17.13	16.97		
15	256QAM	1	0	16.46	16.41	16.40		
15	256QAM	1	37	16.57	16.61	16.28	17.4	1
15	256QAM	1	74	16.52	16.35	16.34		
15	256QAM	36	0	16.49	16.30	16.50		
15	256QAM	36	20	16.30	16.32	16.29	17.4	1
15	256QAM	36	39	16.42	16.51	16.42		
15	256QAM	75	0	16.02	16.14	16.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.12	17.13	17.07		
10	QPSK	1	25	17.18	17.14	16.90	18.4	0
10	QPSK	1	49	16.98	16.96	17.08		
10	QPSK	25	0	17.21	17.08	17.06		
10	QPSK	25	12	17.13	17.03	17.05	18.4	0
10	QPSK	25	25	17.09	17.04	17.03		
10	QPSK	50	0	17.17	17.24	17.17		
10	16QAM	1	0	17.10	16.98	16.94		
10	16QAM	1	25	17.13	16.97	17.01	18.4	0
10	16QAM	1	49	17.09	16.98	17.11		
10	16QAM	25	0	16.98	17.07	17.03		
10	16QAM	25	12	17.09	16.96	17.08	18.4	0
10	16QAM	25	25	17.05	17.14	17.03		
10	16QAM	50	0	16.97	17.19	17.04		
10	64QAM	1	0	17.04	16.99	17.06		
10	64QAM	1	25	17.00	17.07	17.10	18.4	0
10	64QAM	1	49	17.09	17.02	16.99		
10	64QAM	25	0	17.18	17.01	16.88		
10	64QAM	25	12	17.01	17.08	17.01	18.4	0
10	64QAM	25	25	17.07	17.17	16.93		
10	64QAM	50	0	17.04	17.14	16.96		
10	256QAM	1	0	16.38	16.53	16.53		
10	256QAM	1	25	16.53	16.62	16.40	17.4	1
10	256QAM	1	49	16.48	16.44	16.36		
10	256QAM	25	0	16.33	16.39	16.46		
10	256QAM	25	12	16.44	16.49	16.22	17.4	1
10	256QAM	25	25	16.40	16.49	16.43		
10	256QAM	50	0	16.12	16.13	16.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.19	17.17	17.16		
5	QPSK	1	12	17.21	17.14	17.01	18.4	0
5	QPSK	1	24	16.99	16.92	17.01		
5	QPSK	12	0	17.18	17.07	17.00		
5	QPSK	12	7	17.16	17.13	17.02	18.4	0
5	QPSK	12	13	17.10	17.06	16.92		
5	QPSK	25	0	17.06	17.17	17.19		
5	16QAM	1	0	17.12	17.07	17.01		
5	16QAM	1	12	17.12	17.07	17.05	18.4	0
5	16QAM	1	24	16.97	17.11	17.13		
5	16QAM	12	0	16.96	17.06	17.08		
5	16QAM	12	7	17.14	16.94	17.07	18.4	0
5	16QAM	12	13	17.02	17.11	17.15		
5	16QAM	25	0	16.94	17.06	16.90		
5	64QAM	1	0	17.07	16.93	17.02		
5	64QAM	1	12	17.10	17.12	16.97	18.4	0
5	64QAM	1	24	17.03	17.03	16.94		
5	64QAM	12	0	17.08	17.15	16.96		
5	64QAM	12	7	17.04	17.13	17.06	18.4	0
5	64QAM	12	13	17.03	17.04	16.93		
5	64QAM	25	0	17.04	16.91	16.97		
5	256QAM	1	0	16.31	16.48	16.53		
5	256QAM	1	12	16.49	16.63	16.22	17.4	1
5	256QAM	1	24	16.54	16.42	16.28		
5	256QAM	12	0	16.34	16.33	16.48		
5	256QAM	12	7	16.35	16.31	16.32	17.4	1
5	256QAM	12	13	16.39	16.48	16.33		
5	256QAM	25	0	15.99	16.12	16.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.16	17.24	17.07		
3	QPSK	1	8	17.13	17.16	16.95	18.4	0
3	QPSK	1	14	17.15	17.04	16.99		
3	QPSK	8	0	17.02	17.15	17.01		
3	QPSK	8	4	17.02	16.93	16.97	18.4	0
3	QPSK	8	7	17.23	17.12	17.03		
3	QPSK	15	0	17.02	17.09	17.01		
3	16QAM	1	0	17.10	17.15	16.89		
3	16QAM	1	8	17.18	16.89	17.01	18.4	0
3	16QAM	1	14	16.97	17.07	17.00		
3	16QAM	8	0	17.07	16.98	17.10		
3	16QAM	8	4	17.04	16.96	16.92	18.4	0
3	16QAM	8	7	17.08	17.02	17.08		
3	16QAM	15	0	16.95	17.14	16.91		
3	64QAM	1	0	17.17	16.92	16.95		
3	64QAM	1	8	17.12	17.05	17.03	18.4	0
3	64QAM	1	14	17.08	17.02	16.90		
3	64QAM	8	0	17.08	17.10	16.89		
3	64QAM	8	4	17.14	17.06	17.03	18.4	0
3	64QAM	8	7	17.08	17.05	17.02		
3	64QAM	15	0	17.18	17.06	17.00		
3	256QAM	1	0	16.36	16.37	16.48		
3	256QAM	1	8	16.46	16.60	16.38	17.4	1
3	256QAM	1	14	16.61	16.42	16.39		
3	256QAM	8	0	16.40	16.44	16.43		
3	256QAM	8	4	16.47	16.25	16.26	17.4	1
3	256QAM	8	7	16.42	16.44	16.38		
3	256QAM	15	0	16.07	16.18	16.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.18	17.20	17.12		
1.4	QPSK	1	3	17.22	17.18	16.95		
1.4	QPSK	1	5	17.16	17.02	17.05	18.4	0
1.4	QPSK	3	0	17.17	17.11	16.98		
1.4	QPSK	3	1	17.13	16.98	17.07		
1.4	QPSK	3	3	17.12	17.02	17.10		
1.4	QPSK	6	0	17.06	17.21	17.08	18.4	0
1.4	16QAM	1	0	17.13	17.07	16.89		
1.4	16QAM	1	3	17.18	17.05	16.92		
1.4	16QAM	1	5	17.05	17.05	17.15	18.4	0
1.4	16QAM	3	0	16.94	16.97	17.07		
1.4	16QAM	3	1	17.02	16.93	16.94		
1.4	16QAM	3	3	17.02	17.04	17.06		
1.4	16QAM	6	0	17.05	17.03	17.05	18.4	0
1.4	64QAM	1	0	17.15	16.93	17.03		
1.4	64QAM	1	3	17.10	17.16	16.95	18.4	0
1.4	64QAM	1	5	17.16	17.12	17.05		
1.4	64QAM	3	0	17.23	17.01	16.93		
1.4	64QAM	3	1	17.02	17.00	17.00		
1.4	64QAM	3	3	17.19	17.01	17.05		
1.4	64QAM	6	0	17.09	17.14	16.93	18.4	0
1.4	256QAM	1	0	16.50	16.46	16.47		
1.4	256QAM	1	3	16.44	16.51	16.24		
1.4	256QAM	1	5	16.47	16.35	16.35	17.4	1
1.4	256QAM	3	0	16.41	16.29	16.52		
1.4	256QAM	3	1	16.30	16.23	16.19		
1.4	256QAM	3	3	16.44	16.40	16.43		
1.4	256QAM	6	0	16.02	16.21	16.30	17.4	1

Band 7 Ant0

BW [MHz]	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	17.95	18.05	18.00		
20	QPSK	1	49	17.95	17.86	17.80	19.1	0
20	QPSK	1	99	17.75	17.75	17.67		
20	QPSK	50	0	18.05	18.05	18.05		
20	QPSK	50	24	17.96	17.82	17.84	19.1	0
20	QPSK	50	50	17.82	17.75	17.76		
20	QPSK	100	0	17.97	17.99	17.98		
20	16QAM	1	0	17.94	17.81	17.85		
20	16QAM	1

Band 2 Ant1

BW [MHz]	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	13.47	13.54	13.41	14.7	0
20	QPSK	1	49	13.31	13.27	13.23		
20	QPSK	1	99	13.26	13.44	13.26		
20	QPSK	50	0	13.50	13.51	13.45		
20	QPSK	50	24	13.32	13.27	13.22	14.7	0
20	QPSK	50	50	13.33	13.41	13.27		
20	QPSK	100	0	13.46	13.46	13.45		
20	16QAM	1	0	13.27	13.33	13.22	14.7	0
20	16QAM	1	49	13.36	13.41	13.25		
20	16QAM	1	99	13.50	13.52	13.44		
20	16QAM	50	0	13.24	13.25	13.23		
20	16QAM	50	24	13.35	13.46	13.22	14.7	0
20	16QAM	50	50	13.40	13.44	13.36		
20	16QAM	100	0	13.23	13.34	13.20		
20	64QAM	1	0	13.28	13.39	13.26	14.7	0
20	64QAM	1	49	13.44	13.44	13.44		
20	64QAM	1	99	13.28	13.34	13.17		
20	64QAM	50	0	13.27	13.46	13.27	14.7	0
20	64QAM	50	24	13.41	13.45	13.36		
20	64QAM	50	50	13.24	13.30	13.23		
20	64QAM	100	0	13.26	13.47	13.28		
20	256QAM	1	0	13.49	13.45	13.38	14.7	0
20	256QAM	1	49	13.29	13.27	13.24		
20	256QAM	1	99	13.34	13.44	13.24		
20	256QAM	50	0	13.46	13.53	13.37	14.7	0
20	256QAM	50	24	13.40	13.50	13.43		
20	256QAM	50	50	13.34	13.36	13.27		
20	256QAM	100	0	13.27	13.46	13.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.29	13.48	13.30	14.7	0
15	QPSK	1	37	13.23	13.25	13.03		
15	QPSK	1	74	13.17	13.26	13.14		
15	QPSK	36	0	13.31	13.42	13.25		
15	QPSK	36	20	13.20	13.14	13.02		
15	QPSK	36	39	13.19	13.30	13.14		
15	QPSK	75	0	13.24	13.39	13.27		
15	16QAM	1	0	13.15	13.22	13.08	14.7	0
15	16QAM	1	37	13.28	13.34	13.04		
15	16QAM	1	74	13.47	13.42	13.36		
15	16QAM	36	0	13.03	13.13	13.17		
15	16QAM	36	20	13.16	13.28	13.15	14.7	0
15	16QAM	36	39	13.35	13.30	13.16		
15	16QAM	75	0	13.18	13.16	13.01		
15	64QAM	1	0	13.22	13.33	13.06	14.7	0
15	64QAM	1	37	13.35	13.28	13.33		
15	64QAM	1	74	13.24	13.12	13.05		
15	64QAM	36	0	13.12	13.23	13.23	14.7	0
15	64QAM	36	20	13.19	13.23	13.30		
15	64QAM	36	39	13.12	13.24	13.03		
15	64QAM	75	0	13.17	13.45	13.26		
15	256QAM	1	0	13.33	13.39	13.35	14.7	0
15	256QAM	1	37	13.19	13.09	13.19		
15	256QAM	1	74	13.20	13.36	13.04		
15	256QAM	36	0	13.40	13.36	13.19	14.7	0
15	256QAM	36	20	13.33	13.38	13.41		
15	256QAM	36	39	13.17	13.08	13.08		
15	256QAM	75	0	13.23	13.24	13.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.28	13.44	13.27	14.7	0
10	QPSK	1	25	13.27	13.17	13.08		
10	QPSK	1	49	13.20	13.25	13.12		
10	QPSK	25	0	13.39	13.47	13.40	14.7	0
10	QPSK	25	12	13.14	13.08	13.07		
10	QPSK	25	25	13.26	13.18	13.08		
10	QPSK	50	0	13.36	13.38	13.34		
10	16QAM	1	0	13.15	13.14	13.04	14.7	0
10	16QAM	1	25	13.34	13.34	13.22		
10	16QAM	1	49	13.41	13.42	13.27		
10	16QAM	25	0	13.12	13.20	13.17	14.7	0
10	16QAM	25	12	13.32	13.40	13.12		
10	16QAM	25	25	13.34	13.32	13.16		
10	16QAM	50	0	13.02	13.28	13.08		
10	64QAM	1	0	13.07	13.17	13.23	14.7	0
10	64QAM	1	25	13.33	13.27	13.23		
10	64QAM	1	49	13.22	13.22	13.09		
10	64QAM	25	0	13.11	13.28	13.18	14.7	0
10	64QAM	25	12	13.22	13.42	13.23		
10	64QAM	25	25	13.19	13.22	13.09		
10	64QAM	50	0	13.19	13.35	13.13		
10	256QAM	1	0	13.36	13.42	13.34	14.7	0
10	256QAM	1	25	13.12	13.09	13.19		
10	256QAM	1	49	13.20	13.33	13.12		
10	256QAM	25	0	13.41	13.41	13.25	14.7	0
10	256QAM	25	12	13.21	13.42	13.22		
10	256QAM	25	25	13.29	13.23	13.11		
10	256QAM	50	0	13.22	13.41	13.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.32	13.45	13.23	14.7	0
5	QPSK	1	12	13.11	13.13	13.19		
5	QPSK	1	24	13.04	13.37	13.04		
5	QPSK	12	0	13.43	13.34	13.30	14.7	0
5	QPSK	12	7	13.15	13.35	13.00		
5	QPSK	12	13	13.29	13.29	13.25		
5	QPSK	25	0	13.35	13.42	13.37	14.7	0
5	16QAM	1	0	13.05	13.14	13.05		
5	16QAM	1	12	13.26	13.19	14.25		
5	16QAM	1	24	13.37	13.38	13.28		
5	16QAM	12	0	13.10	13.04	13.03	14.7	0
5	16QAM	12	7	13.21	13.40	13.08		
5	16QAM	12	13	13.33	13.32	13.16		
5	16QAM	25	0	13.07	13.14	13.18	14.7	0
5	64QAM	1	0	13.06	13.34	13.16		
5	64QAM	1	12	13.41	13.40	13.31		
5	64QAM	1	24	13.25	13.27	13.13		
5	64QAM	12	0	13.09	13.31	13.15	14.7	0
5	64QAM	12	7	13.35	13.24	13.31		
5	64QAM	12	13	13.13	13.13	13.07		
5	64QAM	25	0	13.14	13.26	13.07	14.7	0
5	256QAM	1	0	13.44	13.30	13.24		
5	256QAM	1	12	13.18	13.13	13.05		
5	256QAM	1	24	13.31	13.34	13.07		
5	256QAM	12	0	13.25	13.41	13.22	14.7	0
5	256QAM	12	7	13.37	13.34	13.29		
5	256QAM	12	13	13.28	13.25	13.07		
5	256QAM	25	0	13.25	13.33	13.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.37	13.42	13.36	14.7	0
3	QPSK	1	8	13.28	13.17	13.05		
3	QPSK	1	14	13.19	13.26	13.06		
3	QPSK	8	0	13.32	13.36	13.35	14.7	0
3	QPSK	8	4	13.21	13.10	13.15		
3	QPSK	8	7	13.19	13.25	13.18		
3	QPSK	15	0	13.33	13.31	13.36	14.7	0
3	16QAM	1	0	13.15	13.28	13.05		
3	16QAM	1	8	13.33	13.25	13.21		
3	16QAM	1	14	13.44	13.35	13.30		
3	16QAM	8	0	13.05	13.18	13.09	14.7	0
3	16QAM	8	4	13.21	13.26	13.05		
3	16QAM	8	7	13.29	13.23	13.24		
3	16QAM	15	0	13.08	13.24	13.16	14.7	0
3	64QAM	1	0	13.12	13.27	13.12		
3	64QAM	1	8	13.39	13.31	13.30		
3	64QAM	1	14	13.06	13.15	13.19		
3	64QAM	8	0	13.22	13.34	13.08	14.7	0
3	64QAM	8	4	13.26	13.26	13.34		
3	64QAM	8	7	13.12	13.24	13.17		
3	64QAM	15	0	13.19	13.36	13.09		
3	256QAM	1	0	13.28	13.41	13.36	14.7	0
3	256QAM	1	8	13.21	13.10	13.13		
3	256QAM	1	14	13.16	13.24	13.20		
3	256QAM	8	0	13.25	13.39	13.22	14.7	0
3	256QAM	8	4	13.31	13.46	13.40		
3	256QAM	8	7	13.15	13.25	13.17		
3	256QAM	15	0	13.25	13.33	13.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.40	13.46	13.35	14.7	0
1.4	QPSK	1	3	13.26	13.14	13.21		
1.4	QPSK	1	5	13.10	13.26	13.15		
1.4	QPSK	3	0	13.29	13.37	13.32		
1.4	QPSK	3	1	13.29	13.18	13.06		
1.4	QPSK	3	3	13.28	13.25	13.13		
1.4	QPSK	6	0	13.29	13.26	13.26		
1.4	16QAM	1	0	13.17	13.21	13.13	14.7	0
1.4	16QAM	1	3	13.26	13.26	13.18		
1.4	16QAM	1	5	13.34	13.41	13.30		
1.4	16QAM	3	0	13.12	13.12	13.07		
1.4	16QAM	3	1	13.22	13.31	13.01		
1.4	16QAM	3	3	13.35	13.27	13.15		
1.4	16QAM	6	0	13.05	13.18	13.15	14.7	0
1.4	64QAM	1	0	13.17	13.19	13.16	14.7	0
1.4	64QAM	1	3	13.24	13.28	13.39		
1.4	64QAM	1	5	13.20	13.41	13.29		
1.4	64QAM	3	0	13.23	13.26	13.16		
1.4	64QAM	3	1	13.19	13.42	13.24		
1.4	64QAM	3	3	13.21	13.16	13.05		
1.4	64QAM	6	0	13.14	13.30	13.10		
1.4	256QAM	1	0	13.43	13.37	13.22	14.7	0
1.4	256QAM	1	3	13.07	13.06	13.12		
1.4	256QAM	1	5	13.15	13.42	13.16		
1.4	256QAM	3	0	13.27	13.42	13.30		
1.4	256QAM	3	1	13.31	13.32	13.28		
1.4	256QAM	3	3	13.20	13.07	13.04		
1.4	256QAM	6	0	13.19	13.29	13.13		

Band 4 Ant1

BW [MHz]	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	15.34	15.58	15.43	16.9	0
20	QPSK	1	49	15.39	15.47	15.45		
20	QPSK	1	99	15.33	15.43	15.38		
20	QPSK	50	0	15.43	15.54	15.47		
20	QPSK	50	24	15.46	15.41	15.42	16.9	0
20	QPSK	50	50	15.35	15.40	15.40		
20	QPSK	100	0	15.40	15.51	15.40		
20	16QAM	1	0	15.46	15.52	15.36	16.9	0
20	16QAM	1	49	15.37	15.42	15.38		
20	16QAM	1	99	15.36	15.47	15.43		
20	16QAM	50	0	15.38	15.44	15.46		
20	16QAM	50	24	15.35	15.47	15.42	16.9	0
20	16QAM	50	50	15.36	15.50	15.42		
20	16QAM	100	0	15.40	15.45	15.44		
20	64QAM	1	0	15.33	15.54	15.36	16.9	0
20	64QAM	1	49	15.41	15.54	15.42		
20	64QAM	1	99	15.44	15.52	15.36		
20	64QAM	50	0	15.29	15.43	15.36	16.9	0
20	64QAM	50	24	15.45	15.47	15.51		
20	64QAM	50	50	15.41	15.44	15.40		
20	64QAM	100	0	15.33	15.45	15.43		
20	256QAM	1	0	15.38	15.51	15.50	16.9	0
20	256QAM	1	49	15.45	15.47	15.40		
20	256QAM	1	99	15.36	15.40	15.42		
20	256QAM	50	0	15.40	15.48	15.43	16.9	0
20	256QAM	50	24	15.43	15.49	15.39		
20	256QAM	50	50	15.40	15.46	15.38		
20	256QAM	100	0	15.35	15.46	15.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.30	15.52	15.22	16.9	0
15	QPSK	1	37	15.28	15.27	15.27		
15	QPSK	1	74	15.26	15.32	15.20		
15	QPSK	36	0	15.34	15.43	15.29		
15	QPSK	36	20	15.28	15.33	15.36		
15	QPSK	36	39	15.19	15.22	15.26		
15	QPSK	75	0	15.34	15.41	15.34		
15	16QAM	1	0	15.41	15.41	15.27	16.9	0
15	16QAM	1	37	15.32	15.33	15.19		
15	16QAM	1	74	15.30	15.41	15.38		
15	16QAM	36	0	15.13	15.38	15.36		
15	16QAM	36	20	15.25	15.29	15.31	16.9	0
15	16QAM	36	39	15.22	15.40	15.39		
15	16QAM	75	0	15.37	15.35	15.36		
15	64QAM	1	0	15.22	15.27	15.35	16.9	0
15	64QAM	1	37	15.21	15.32	15.36		
15	64QAM	1	74	15.29	15.42	15.15		
15	64QAM	36	0	15.11	15.38	15.21	16.9	0
15	64QAM	36	20	15.23	15.38	15.41		
15	64QAM	36	39	15.21	15.29	15.20		
15	64QAM	75	0	15.31	15.24	15.36		
15	256QAM	1	0	15.29	15.36	15.35	16.9	0
15	256QAM	1	37	15.42	15.27	15.31		
15	256QAM	1	74	15.28	15.30	15.38		
15	256QAM	36	0	15.37	15.44	15.23	16.9	0
15	256QAM	36	20	15.30	15.28	15.26		
15	256QAM	36	39	15.31	15.34	15.24		
15	256QAM	75	0	15.14	15.31	15.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.17	15.55	15.27	16.9	0
10	QPSK	1	25	15.22	15.37	15.39		
10	QPSK	1	49	15.19	15.28	15.17		
10	QPSK	25	0	15.39	15.35	15.28	16.9	0
10	QPSK	25	12	15.42	15.27	15.25		
10	QPSK	25	25	15.21	15.35	15.38		
10	QPSK	50	0	15.23	15.49	15.31		
10	16QAM	1	0	15.35	15.32	15.23	16.9	0
10	16QAM	1	25	15.19	15.38	15.17		
10	16QAM	1	49	15.33	15.39	15.31		
10	16QAM	25	0	15.22	15.37	15.24	16.9	0
10	16QAM	25	12	15.15	15.25	15.31		
10	16QAM	25	25	15.29	15.39	15.34		
10	16QAM	50	0	15.19	15.30	15.30		
10	64QAM	1	0	15.24	15.32	15.17	16.9	0
10	64QAM	1	25	15.38	15.51	15.23		
10	64QAM	1	49	15.27	15.46	15.22		
10	64QAM	25	0	15.25	15.38	15.28	16.9	0
10	64QAM	25	12	15.35	15.40	15.35		
10	64QAM	25	25	15.38	15.41	15.25		
10	64QAM	50	0	15.12	15.25	15.33		
10	256QAM	1	0	15.19	15.37	15.32	16.9	0
10	256QAM	1	25	15.33	15.30	15.27		
10	256QAM	1	49	15.26	15.34	15.36		
10	256QAM	25	0	15.22	15.36	15.28	16.9	0
10	256QAM	25	12	15.38	15.44	15.34		
10	256QAM	25	25	15.25	15.40	15.27		
10	256QAM	50	0	15.15	15.38	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.32	15.53	15.31	16.9	0
5	QPSK	1	12	15.24	15.39	15.35		
5	QPSK	1	24	15.24	15.31	15.27		
5	QPSK	12	0	15.38	15.48	15.39		
5	QPSK	12	7	15.33	15.23	15.30		
5	QPSK	12	13	15.21	15.23	15.36		
5	QPSK	25	0	15.25	15.32	15.28	16.9	0
5	16QAM	1	0	15.44	15.33	15.21		
5	16QAM	1	12	15.26	15.40	15.22		
5	16QAM	1	24	15.15	15.31	15.29		
5	16QAM	12	0	15.24	15.38	15.28	16.9	0
5	16QAM	12	7	15.27	15.40	15.23		
5	16QAM	12	13	15.24	15.41	15.21		
5	16QAM	25	0	15.22	15.33	15.29	16.9	0
5	64QAM	1	0	15.24	15.32	15.22		
5	64QAM	1	12	15.24	15.43	15.31		
5	64QAM	1	24	15.40	15.43	15.16		
5	64QAM	12	0	15.19	15.41	15.20	16.9	0
5	64QAM	12	7	15.43	15.31	15.48		
5	64QAM	12	13	15.23	15.22	15.29		
5	64QAM	25	0	15.29	15.41	15.23	16.9	0
5	256QAM	1	0	15.31	15.32	15.28		
5	256QAM	1	12	15.30	15.34	15.29		
5	256QAM	1	24	15.26	15.27	15.34		
5	256QAM	12	0	15.30	15.31	15.40	16.9	0
5	256QAM	12	7	15.41	15.42	15.24		
5	256QAM	12	13	15.21	15.29	15.20		
5	256QAM	25	0	15.27	15.28	15.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.25	15.39	15.21	16.9	0
3	QPSK	1	8	15.21	15.36	15.33		
3	QPSK	1	14	15.21	15.32	15.23		
3	QPSK	8	0	15.23	15.45	15.26	16.9	0
3	QPSK	8	4	15.25	15.27	15.32		
3	QPSK	8	7	15.21	15.29	15.19		
3	QPSK	15	0	15.26	15.45	15.33	16.9	0
3	16QAM	1	0	15.42	15.31	15.31		
3	16QAM	1	8	15.28	15.26	15.25		
3	16QAM	1	14	15.21	15.36	15.35		
3	16QAM	8	0	15.18	15.23	15.26	16.9	0
3	16QAM	8	4	15.25	15.29	15.38		
3	16QAM	8	7	15.15	15.37	15.33		
3	16QAM	15	0	15.27	15.28	15.24	16.9	0
3	64QAM	1	0	15.22	15.37	15.25		
3	64QAM	1	8	15.21	15.43	15.38		
3	64QAM	1	14	15.38	15.44	15.28		
3	64QAM	8	0	15.20	15.31	15.19	16.9	0
3	64QAM	8	4	15.32	15.31	15.43		
3	64QAM	8	7	15.21	15.26	15.37		
3	64QAM	15	0	15.27	15.23	15.23	16.9	0
3	256QAM	1	0	15.35	15.39	15.48		
3	256QAM	1	8	15.24	15.33	15.34		
3	256QAM	1	14	15.22	15.33	15.25		
3	256QAM	8	0	15.31	15.32	15.28	16.9	0
3	256QAM	8	4	15.39	15.32	15.36		
3	256QAM	8	7	15.30	15.33	15.29		
3	256QAM	15	0	15.14	15.25	15.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.25	15.50	15.35	16.9	0
1.4	QPSK	1	3	15.18	15.44	15.43		
1.4	QPSK	1	5	15.23	15.27	15.19		
1.4	QPSK	3	0	15.25	15.49	15.45		
1.4	QPSK	3	1	15.37	15.20	15.22		
1.4	QPSK	3	3	15.16	15.20	15.27		
1.4	QPSK	6	0	15.25	15.47	15.31		
1.4	16QAM	1	0	15.32	15.49	15.15	16.9	0
1.4	16QAM	1	3	15.22	15.37	15.17		
1.4	16QAM	1	5	15.15	15.28	15.25		
1.4	16QAM	3	0	15.29	15.40	15.25		
1.4	16QAM	3	1	15.24	15.45	15.36		
1.4	16QAM	3	3	15.15	15.41	15.28		
1.4	16QAM	6	0	15.30	15.31	15.39	16.9	0
1.4	64QAM	1	0	15.13	15.31	15.15	16.9	0
1.4	64QAM	1	3	15.28	15.32	15.21		
1.4	64QAM	1	5	15.25	15.39	15.30		
1.4	64QAM	3	0	15.10	15.21	15.16		
1.4	64QAM	3	1	15.23	15.39	15.37		
1.4	64QAM	3	3	15.36	15.25	15.38		
1.4	64QAM	6	0	15.11	15.41	15.34	16.9	0
1.4	256QAM	1	0	15.22	15.46	15.34	16.9	0
1.4	256QAM	1	3	15.37	15.41	15.36		
1.4	256QAM	1	5	15.24	15.32	15.33		
1.4	256QAM	3	0	15.37	15.37	15.29		
1.4	256QAM	3	1	15.35	15.37	15.21		
1.4	256QAM	3	3	15.38	15.35	15.29		
1.4	256QAM	6	0	15.25	15.41	15.29	16.9	0

Band 7 Ant1

BW [MHz]	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	14.43	14.60	14.53	15.4	0
20	QPSK	1	49	14.36	14.44	14.48		
20	QPSK	1	99	14.54	14.60	14.36		
20	QPSK	50	0	14.55	14.58	14.47		
20	QPSK	50	24	14.37	14.55	14.50	15.4	0
20	QPSK	50	50	14.36	14.54	14.37		
20	QPSK	100	0	14.50	14.57	14.58		
20	16QAM	1	0	14.34	14.53	14.46	15.4	0
20	16QAM	1	49	14.38	14.57	14.37		
20	16QAM	1	99	14.51	14.50	14.55		
20

Band 2 Ant2

BW [MHz]	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	21.16	20.92	22.1	0
20	QPSK	1	49	21.07	20.98	20.82		
20	QPSK	1	99	21.03	20.85	20.88		
20	QPSK	50	0	21.07	21.14	20.88	22.1	0
20	QPSK	50	24	21.00	21.05	20.82		
20	QPSK	50	50	21.05	20.86	20.91		
20	QPSK	100	0	21.03	21.10	20.95		
20	16QAM	1	0	21.07	21.03	20.93	22.1	0
20	16QAM	1	49	21.03	20.99	20.83		
20	16QAM	1	99	21.03	20.85	20.89		
20	16QAM	50	0	20.93	20.82	20.95	21.1	1
20	16QAM	50	24	20.75	20.81	20.75		
20	16QAM	50	50	20.74	20.85	20.84		
20	16QAM	100	0	20.89	20.84	20.92		
20	64QAM	1	0	21.00	20.97	20.89	21.1	1
20	64QAM	1	49	21.00	20.92	21.00		
20	64QAM	1	99	20.90	20.97	21.00		
20	64QAM	50	0	19.94	19.83	19.86	20.1	2
20	64QAM	50	24	19.74	19.75	19.80		
20	64QAM	50	50	19.78	19.89	19.77		
20	64QAM	100	0	19.77	19.83	19.95		
20	256QAM	1	0	17.90	17.81	17.70	18.1	4
20	256QAM	1	49	17.89	17.80	17.75		
20	256QAM	1	99	17.86	17.76	17.76		
20	256QAM	50	0	17.81	17.81	17.79	18.1	4
20	256QAM	50	24	17.86	17.89	17.72		
20	256QAM	50	50	17.80	17.71	17.70		
20	256QAM	100	0	17.78	17.82	17.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.80	21.02	20.72	22.1	0
15	QPSK	1	37	21.01	20.87	20.77		
15	QPSK	1	74	20.89	20.79	20.82		
15	QPSK	36	0	20.85	20.92	20.79	22.1	0
15	QPSK	36	20	20.82	20.91	20.67		
15	QPSK	36	39	20.87	20.84	20.85		
15	QPSK	75	0	20.85	20.95	20.76		
15	16QAM	1	0	21.04	20.94	20.89	22.1	0
15	16QAM	1	37	20.90	20.79	20.76		
15	16QAM	1	74	20.87	20.76	20.77		
15	16QAM	36	0	20.90	20.70	20.90	21.1	1
15	16QAM	36	20	20.58	20.76	20.62		
15	16QAM	36	39	20.68	20.81	20.77		
15	16QAM	75	0	20.82	20.77	20.73		
15	64QAM	1	0	20.88	20.85	20.73	21.1	1
15	64QAM	1	37	20.79	20.76	20.79		
15	64QAM	1	74	20.82	20.85	20.97		
15	64QAM	36	0	19.80	19.65	19.77	20.1	2
15	64QAM	36	20	19.62	19.71	19.69		
15	64QAM	36	39	19.75	19.77	19.56		
15	64QAM	75	0	19.58	19.70	19.76		
15	256QAM	1	0	17.76	17.74	17.54	18.1	4
15	256QAM	1	37	17.71	17.72	17.62		
15	256QAM	1	74	17.79	17.67	17.70		
15	256QAM	36	0	17.65	17.74	17.64	18.1	4
15	256QAM	36	20	17.82	17.79	17.54		
15	256QAM	36	39	17.75	17.53	17.59		
15	256QAM	75	0	17.69	17.70	17.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.05	20.73	22.1	0
10	QPSK	1	25	21.02	20.88	20.74		
10	QPSK	1	49	20.96	20.68	20.82		
10	QPSK	25	0	20.98	21.00	20.84	22.1	0
10	QPSK	25	12	20.91	20.97	20.74		
10	QPSK	25	25	21.01	20.76	20.86		
10	QPSK	50	0	20.92	21.08	20.73		
10	16QAM	1	0	20.93	20.98	20.88	22.1	0
10	16QAM	1	25	20.95	20.86	20.80		
10	16QAM	1	49	20.90	20.76	20.87		
10	16QAM	25	0	20.87	20.65	20.92	21.1	1
10	16QAM	25	12	20.73	20.63	20.54		
10	16QAM	25	25	20.69	20.79	20.66		
10	16QAM	50	0	20.75	20.75	20.81		
10	64QAM	1	0	20.96	20.90	20.80	21.1	1
10	64QAM	1	25	20.96	20.80	20.81		
10	64QAM	1	49	20.72	20.80	20.85		
10	64QAM	25	0	19.73	19.74	19.75	20.1	2
10	64QAM	25	12	19.63	19.62	19.75		
10	64QAM	25	25	19.68	19.73	19.57		
10	64QAM	50	0	19.73	19.70	19.91		
10	256QAM	1	0	17.81	17.79	17.66	18.1	4
10	256QAM	1	25	17.79	17.62	17.68		
10	256QAM	1	49	17.75	17.67	17.71		
10	256QAM	25	0	17.60	17.68	17.63	18.1	4
10	256QAM	25	12	17.77	17.68	17.68		
10	256QAM	25	25	17.73	17.58	17.55		
10	256QAM	50	0	17.64	17.65	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.87	21.06	20.77	22.1	0
5	QPSK	1	12	20.95	20.79	20.68		
5	QPSK	1	24	20.92	20.81	20.84		
5	QPSK	12	0	20.95	20.92	20.84	22.1	0
5	QPSK	12	7	20.81	20.99	20.61		
5	QPSK	12	13	21.00	20.82	20.76		
5	QPSK	25	0	20.96	20.90	20.86		
5	16QAM	1	0	20.88	20.97	20.86	22.1	0
5	16QAM	1	12	20.90	20.94	20.63		
5	16QAM	1	24	20.85	20.69	20.87		
5	16QAM	12	0	20.71	20.63	20.90	21.1	1
5	16QAM	12	7	20.69	20.73	20.72		
5	16QAM	12	13	20.65	20.78	20.63		
5	16QAM	25	0	20.68	20.79	20.80		
5	64QAM	1	0	20.87	20.82	20.74	21.1	1
5	64QAM	1	12	20.95	20.87	20.93		
5	64QAM	1	24	20.79	20.75	20.97		
5	64QAM	12	0	19.77	19.75	19.66	20.1	2
5	64QAM	12	7	19.56	19.56	19.61		
5	64QAM	12	13	19.66	19.69	19.61		
5	64QAM	25	0	19.55	19.68	19.77		
5	256QAM	1	0	17.76	17.65	17.62	18.1	4
5	256QAM	1	12	17.70	17.71	17.53		
5	256QAM	1	24	17.81	17.70	17.61		
5	256QAM	12	0	17.66	17.73	17.58	18.1	4
5	256QAM	12	7	17.71	17.84	17.56		
5	256QAM	12	13	17.68	17.61	17.62		
5	256QAM	25	0	17.57	17.68	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.88	21.11	20.71	22.1	0
3	QPSK	1	8	20.96	20.86	20.75		
3	QPSK	1	14	21.00	20.68	20.80		
3	QPSK	8	0	20.97	21.00	20.78	22.1	0
3	QPSK	8	4	20.88	20.90	20.73		
3	QPSK	8	7	20.86	20.69	20.73		
3	QPSK	15	0	20.82	20.95	20.91		
3	16QAM	1	0	21.03	20.99	20.90	22.1	0
3	16QAM	1	8	20.97	20.80	20.63		
3	16QAM	1	14	20.84	20.78	20.86		
3	16QAM	8	0	20.83	20.65	20.92	21.1	1
3	16QAM	8	4	20.70	20.63	20.71		
3	16QAM	8	7	20.60	20.77	20.73		
3	16QAM	15	0	20.79	20.73	20.86		
3	64QAM	1	0	20.86	20.85	20.74	21.1	1
3	64QAM	1	8	20.94	20.80	20.93		
3	64QAM	1	14	20.87	20.85	20.85		
3	64QAM	8	0	19.88	19.77	19.66	20.1	2
3	64QAM	8	4	19.60	19.62	19.67		
3	64QAM	8	7	19.65	19.85	19.63		
3	64QAM	15	0	19.62	19.70	19.74		
3	256QAM	1	0	17.78	17.71	17.55	18.1	4
3	256QAM	1	8	17.74	17.67	17.73		
3	256QAM	1	14	17.73	17.72	17.67		
3	256QAM	8	0	17.72	17.60	17.72	18.1	4
3	256QAM	8	4	17.81	17.86	17.58		
3	256QAM	8	7	17.63	17.64	17.62		
3	256QAM	15	0	17.62	17.70	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.95	21.05	20.79	22.1	0
1.4	QPSK	1	3	20.90	20.92	20.61		
1.4	QPSK	1	5	20.95	20.79	20.77		
1.4	QPSK	3	0	20.96	20.97	20.67		
1.4	QPSK	3	1	20.94	20.94	20.65		
1.4	QPSK	3	3	20.90	20.80	20.84		
1.4	QPSK	6	0	20.93	20.93	20.86	22.1	0
1.4	16QAM	1	0	21.03	20.84	20.72	22.1	0
1.4	16QAM	1	3	21.01	20.82	20.74		
1.4	16QAM	1	5	20.91	20.67	20.74		
1.4	16QAM	3	0	20.84	20.65	20.87		
1.4	16QAM	3	1	20.69	20.71	20.68		
1.4	16QAM	3	3	20.69	20.66	20.73		
1.4	16QAM	6	0	20.84	20.80	20.87	21.1	1
1.4	64QAM	1	0	20.87	20.84	20.82	21.1	1
1.4	64QAM	1	3	20.85	20.76	20.92		
1.4	64QAM	1	5	20.71	20.84	20.84		
1.4	64QAM	3	0	19.75	19.76	19.65		
1.4	64QAM	3	1	19.62	19.59	19.66		
1.4	64QAM	3	3	19.71	19.86	19.68		
1.4	64QAM	6	0	19.74	19.67	19.89	20.1	2
1.4	256QAM	1	0	17.77	17.72	17.60	18.1	4
1.4	256QAM	1	3	17.67	17.74	17.66		
1.4	256QAM	1	5	17.83	17.66	17.61		
1.4	256QAM	3	0	17.72	17.78	17.73		
1.4	256QAM	3	1	17.76	17.82	17.63		
1.4	256QAM	3	3	17.76	17.50	17.56		
1.4	256QAM	6	0	17.75	17.72	17.84	18.1	4

Band 4 Ant2

BW [MHz]	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	21.23	21.36	21.21	22.3	0
20	QPSK	1	49	21.25	21.27	21.10		
20	QPSK	1	99	21.27	21.15	21.04		
20	QPSK	50	0	21.31	21.32	21.22	22.3	0
20	QPSK	50	24	21.25	21.18	21.14		
20	QPSK	50	50	21.18	21.24	21.02		
20	QPSK	100	0	21.21	21.29	21.24		
20	16QAM	1	0	21.24	21.18	21.11	22.3	0
20	16QAM	1	49	21.25	21.16	21.02		
20	16QAM	1	99	21.24	21.27	21.18		
20	16QAM	50	0	21.25	21.25	21.07	22.3	0
20	16QAM	50	24	21.23	21.19	21.05		
20	16QAM	50	50	21.23	21.22	21.21		
20	16QAM	100	0	21.18	21.20	21.10		
20	64QAM	1	0	21.23	21.25	21.01	22.3	0
20	64QAM	1	49	21.22	21.31	21.15		
20	64QAM	1	99	21.25	21.23	21.09		
20	64QAM	50	0	20.70	20.72	20.50	21.8	0.5
20	64QAM	50	24	20.76	20.73	20.65		
20	64QAM	50	50	20.75	20.77	20.58		
20	64QAM	100	0	20.77	20.69	20.50		
20	256QAM	1	0	18.23	18.19	18.26	19.8	2.5
20	256QAM	1	49	18.07	18.17	18.21		
20	256QAM	1	99	18.29	18.09	18.21		
20	256QAM	50	0	18.18	18.09	18.00	19.8	2.5
20	256QAM	50	24	17.97	18.05	18.03		
20	256QAM	50	50	18.13	18.04	18.07		
20	256QAM	100	0	17.99	18.12	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.17	21.25	21.12	22.3	0
15	QPSK	1	37	21.22	21.15	20.97		
15	QPSK	1	74	21.19	21.01	20.86		
15	QPSK	36	0	21.21	21.23	21.13	22.3	0
15	QPSK	36	20	21.06	21.13	21.11		
15	QPSK	36	39	21.11	21.10	20.96		
15	QPSK	75	0	21.17	21.24	21.15		
15	16QAM	1	0	21.16	21.12	21.05	22.3	0
15	16QAM	1	37	21.15	20.99	20.81		
15	16QAM	1	74	21.17	21.16	21.08		
15	16QAM	36	0	21.15	21.09	20.88	22.3	0
15	16QAM	36	20	21.05	21.13	20.96		
15	16QAM	36	39	21.14	21.16	21.11		
15	16QAM	75	0	21.10	21.17	21.01		
15	64QAM	1	0	21.03	21.05	20.84	22.3	0
15	64QAM	1	37	21.11	21.18	21.00		
15	64QAM	1	74	21.07	21.02	20.89		
15	64QAM	36	0	20.65	20.68	20.30	21.8	0.5
15	64QAM	36	20	20.71	20.61	20.54		
15	64QAM	36	39	20.58	20.71	20.56		
15	64QAM	75	0	20.68	20.51	20.39		
15	256QAM	1	0	18.15	18.16	18.20	19.8	2.5
15	256QAM	1	37	17.99	18.08	18.00		
15	256QAM	1	74	18.08	17.88	18.08		
15	256QAM	36	0	18.05	18.07	17.91	19.8	2.5
15	256QAM	36	20	17.82	18.01	17.98		
15	256QAM	36	39	17.94	17.95	17.90		
15	256QAM	75	0	17.89	17.96	18.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.19	21.28	21.08	22.3	0
10	QPSK	1	25	21.12	21.22	21.01		
10	QPSK	1	49	21.14	20.97	20.83		
10	QPSK	25	0	21.13	21.13	21.07	22.3	0
10	QPSK	25	12	21.14	21.04	20.98		
10	QPSK	25	25	20.97	21.03	20.91		
10	QPSK	50	0	21.15	21.16	21.14		
10	16QAM	1	0	21.14	20.96	21.09	22.3	0
10	16QAM	1	25	21.19	21.00	20.82		
10	16QAM	1	49	21.10	21.10	21.13		
10	16QAM	25	0	21.12	21.16	20.86	22.3	0
10	16QAM	25	12	21.20	21.12	20.89		
10	16QAM	25	25	21.16	21.19	21.04		
10	16QAM	50	0	20.97	21.06	20.90		
10	64QAM	1	0	21.16	21.20	20.83	22.3	0
10	64QAM	1	25	21.02	21.20	20.95		
10	64QAM	1	49	21.10	21.17	21.03		
10	64QAM	25	0	20.49	20.59	20.38	21.8	0.5
10	64QAM	25	12	20.64	20.57	20.58		
10	64QAM	25	25	20.56	20.56	20.44		
10	64QAM	50	0	20.55	20.50	20.37		
10	256QAM	1	0	18.14	18.03	18.19	19.8	2.5
10	256QAM	1	25	17.94	18.12	17.99		
10	256QAM	1	49	18.22	18.00	18.18		
10	256QAM	25	0	18.01	17.95	17.95	19.8	2.5
10	256QAM	25	12	17.80	17.92	17.87		
10	256QAM	25	25	17.96	17.94	17.89		
10	256QAM	50	0	17.89	17.95	18.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.02	21.24	21.06	22.3	0
5	QPSK	1	12	21.08	21.18	21.02		
5	QPSK	1	24	21.25	21.07	20.95		
5	QPSK	12	0	21.24	21.23	21.18	22.3	0
5	QPSK	12	7	21.13	21.12	20.98		
5	QPSK	12	13	21.07	21.19	20.92		
5	QPSK	25	0	21.19	21.25	21.16		
5	16QAM	1	0	21.13	21.14	21.05	22.3	0
5	16QAM	1	12	21.16	20.97	20.87		
5	16QAM	1	24	21.20	21.11	21.12		
5	16QAM	12	0	21.05	21.20	20.97	22.3	0
5	16QAM	12	7	21.05	21.16	20.88		
5	16QAM	12	13	21.15	21.07	21.18		
5	16QAM	25	0	21.09	21.18	21.02		
5	64QAM	1	0	21.20	21.10	20.89	22.3	0
5	64QAM	1	12	21.19	21.21	20.95		
5	64QAM	1	24	21.13	21.04	21.06		
5	64QAM	12	0	20.55	20.66	20.37	21.8	0.5
5	64QAM	12	7	20.58	20.59	20.50		
5	64QAM	12	13	20.59	20.60	20.50		
5	64QAM	25	0	20.69	20.62	20.35		
5	256QAM	1	0	18.11	18.10	18.11	19.8	2.5
5	256QAM	1	12	18.01	18.04	18.08		
5	256QAM	1	24	18.22	18.03	18.02		
5	256QAM	12	0	18.11	17.91	17.81	19.8	2.5
5	256QAM	12	7	17.94	17.95	17.97		
5	256QAM	12	13	18.07	17.96	18.00		
5	256QAM	25	0	17.87	17.96	18.06		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.11	21.18	21.08	22.3	0
3	QPSK	1	8	21.21	21.10	21.01		
3	QPSK	1	14	21.06	21.07	21.02		
3	QPSK	8	0	21.20	21.28	21.07	22.3	0
3	QPSK	8	4	21.16	21.11	20.94		
3	QPSK	8	7	21.15	21.14	20.94		
3	QPSK	15	0	21.00	21.24	21.17		
3	16QAM	1	0	21.07	21.01	21.06	22.3	0
3	16QAM	1	8	21.17	20.99	20.92		
3	16QAM	1	14	21.05	21.06	20.99		
3	16QAM	8	0	21.22	21.15	21.04	22.3	0
3	16QAM	8	4	21.03	21.07	20.90		
3	16QAM	8	7	21.14	21.10	21.15		
3	16QAM	15	0	21.11	21.00	20.90		
3	64QAM	1	0	21.17	21.04	20.85	22.3	0
3	64QAM	1	8	21.17	21.20	21.01		
3	64QAM	1	14	21.05	21.17	20.93		
3	64QAM	8	0	20.60	20.60	20.46	21.8	0.5
3	64QAM	8	4	20.54	20.66	20.53		
3	64QAM	8	7	20.69	20.58	20.56		
3	64QAM	15	0	20.68	20.57	20.30		
3	256QAM	1	0	18.07	18.04	18.18	19.8	2.5
3	256QAM	1	8	17.95	17.95	18.17		
3	256QAM	1	14	18.20	18.05	18.17		
3	256QAM	8	0	17.98	18.06	17.98	19.8	2.5
3	256QAM	8	4	17.95	17.86	17.86		
3	256QAM	8	7	17.91	17.88	17.99		
3	256QAM	15	0	17.78	17.98	18.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.07	21.31	21.14	22.3	0
1.4	QPSK	1	3	21.13	21.10	20.90		
1.4	QPSK	1	5	21.08	20.94	21.00		
1.4	QPSK	3	0	21.10	21.17	21.16		
1.4	QPSK	3	1	21.19	21.15	21.01		
1.4	QPSK	3	3	21.06	21.14	20.83		
1.4	QPSK	6	0	21.02	21.22	21.02	22.3	0
1.4	16QAM	1	0	21.19	21.06	21.04	22.3	0
1.4	16QAM	1	3	21.06	21.01	20.87		
1.4	16QAM	1	5	21.03	21.06	21.01		
1.4	16QAM	3	0	21.05	21.19	21.02		
1.4	16QAM	3	1	21.07	21.09	20.91		
1.4	16QAM	3	3	21.01	21.17	21.03		
1.4	16QAM	6	0	20.97	21.08	20.98	22.3	0
1.4	64QAM	1	0	21.10	21.19	20.86	22.3	0
1.4	64QAM	1	3	21.08	21.26	21.01		
1.4	64QAM	1	5	21.19	21.03	21.00		
1.4	64QAM	3	0	21.05	21.18	20.78		
1.4	64QAM	3	1	21.16	21.09	20.93		
1.4	64QAM	3	3	21.17	21.08	20.99		
1.4	64QAM	6	0	20.60	20.60	20.41	21.8	0.5
1.4	256QAM	1	0	18.05	18.10	18.13	19.8	2.5
1.4	256QAM	1	3	17.93	18.03	18.12		
1.4	256QAM	1	5	18.09	17.97	18.01		
1.4	256QAM	3	0	18.15	17.88	17.95		
1.4	256QAM	3	1	17.80	17.94	18.00		
1.4	256QAM	3	3	18.06	17.99	18.00		
1.4	256QAM	6	0	17.96	17.99	18.18	19.8	2.5

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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	21.21	21.32	21.23	22	0
20	QPSK	1	49	21.13	21.18	21.29		
20	QPSK	1	99	21.08	21.17	21.14		
20	QPSK	50	0	21.14	21.30	21.04	22	0
20	QPSK	50	24	21.06	21.24	21.18		
20	QPSK	50	50	21.00	21.16	21.00		
20	QPSK	100	0	21.12	21.27	21.07		
20	16QAM	1	0	21.17	21.21	21.09	22	0
20	16QAM	1	49	21.10	21.28	21.18		
20	16QAM	1	99	21.09	21.18	21.05		
20	16QAM	50	0	21.03	20.98	21.08	22	0
20	16QAM	50	24	21.06	21.05	21.06		
20	16QAM	50	50	20.86	21.07	21.02		
20	16QAM	100	0	21.03	20.99	20.95		
20	64QAM	1	0	21.30	21.20	21.27	22	0
20	64QAM	1	49	21.17	21.28	21.17		
20	64QAM	1	99	21.16	21.24	21.30		
20	64QAM	50	0	20.10	19.98	19.94	21	1
20	64QAM	50	24	20.01	19.85	19.95		
20	64QAM	50	50	20.01	19.88	19.88		
20	64QAM	100	0	19.94	19.96	19.95		
20	256QAM	1	0	18.05	18.06	17.98	19	3
20	256QAM	1	49	18.03	18.07	18.13		
20	256QAM	1	99	18.00	18.13	18.02		
20	256QAM	50	0	18.05	17.99	17.88	19	3
20	256QAM	50	24	17.90	18.07	18.04		
20	256QAM	50	50	17.99	17.87	17.91		
20	256QAM	100	0	17.87	17.94	17.93		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.05	21.16	21.17	22	0
15	QPSK	1	37	20.95	20.98	21.09		
15	QPSK	1	74	21.03	20.97	21.09		
15	QPSK	36	0	20.98	21.22	20.87	22	0
15	QPSK	36	20	20.99	21.11	21.14		
15	QPSK	36	39	20.87	21.02	20.84		
15	QPSK	75	0	20.91	21.10	20.86		
15	16QAM	1	0	21.10	21.15	20.87	22	0
15	16QAM	1	37	21.00	21.24	21.11		
15	16QAM	1	74	20.96	21.02	20.90		
15	16QAM	36	0	20.82	20.77	20.99	22	0
15	16QAM	36	20	20.99	20.85	20.95		
15	16QAM	36	39	20.73	20.90	20.84		
15	16QAM	75	0	21.00	20.97	20.82		
15	64QAM	1	0	21.13	21.17	21.12	22	0
15	64QAM	1	37	21.00	21.15	20.98		
15	64QAM	1	74	21.05	21.15	21.14		
15	64QAM	36	0	19.93	19.86	19.79	21	1
15	64QAM	36	20	19.98	19.74	19.84		
15	64QAM	36	39	19.82	19.82	19.70		
15	64QAM	75	0	19.74	19.83	19.78		
15	256QAM	1	0	17.94	17.94	17.94	19	3
15	256QAM	1	37	17.98	17.99	18.03		
15	256QAM	1	74	17.78	18.08	17.87		
15	256QAM	36	0	18.03	17.83	17.70	19	3
15	256QAM	36	20	17.81	18.02	17.98		
15	256QAM	36	39	17.84	17.77	17.72		
15	256QAM	75	0	17.66	17.80	17.75		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.03	21.29	21.04	22	0
10	QPSK	1	25	21.10	21.15	21.10		
10	QPSK	1	49	20.93	21.08	21.05		
10	QPSK	25	0	21.04	21.26	20.94	22	0
10	QPSK	25	12	21.01	21.05	21.09		
10	QPSK	25	25	20.84	21.02	20.81		
10	QPSK	50	0	20.96	21.17	21.00		
10	16QAM	1	0	21.10	21.11	20.98	22	0
10	16QAM	1	25	20.99	21.17	21.11		
10	16QAM	1	49	21.03	21.06	20.86		
10	16QAM	25	0	20.90	20.89	20.98	22	0
10	16QAM	25	12	21.01	20.90	20.87		
10	16QAM	25	25	20.78	20.89	20.95		
10	16QAM	50	0	20.87	20.82	20.84		
10	64QAM	1	0	21.21	21.12	21.12	22	0
10	64QAM	1	25	21.14	21.11	21.14		
10	64QAM	1	49	21.00	21.16	21.20		
10	64QAM	25	0	20.06	19.96	19.87	21	1
10	64QAM	25	12	19.97	19.74	19.77		
10	64QAM	25	25	19.86	19.77	19.73		
10	64QAM	50	0	19.89	19.82	19.83		
10	256QAM	1	0	17.92	17.85	17.96	19	3
10	256QAM	1	25	17.82	17.89	17.97		
10	256QAM	1	49	17.96	18.09	17.84		
10	256QAM	25	0	17.89	17.90	17.74	19	3
10	256QAM	25	12	17.71	17.86	17.99		
10	256QAM	25	25	17.91	17.79	17.70		
10	256QAM	50	0	17.84	17.83	17.89		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.09	21.29	21.08	22	0
5	QPSK	1	12	20.95	20.99	21.24		
5	QPSK	1	24	20.98	21.01	20.94		
5	QPSK	12	0	20.93	21.26	20.89	22	0
5	QPSK	12	7	20.87	21.05	21.04		
5	QPSK	12	13	20.81	21.11	20.86		
5	QPSK	25	0	20.99	21.15	20.96		
5	16QAM	1	0	21.14	21.17	20.88	22	0
5	16QAM	1	12	20.91	21.12	21.13		
5	16QAM	1	24	20.91	20.99	20.93		
5	16QAM	12	0	20.83	20.80	21.04	22	0
5	16QAM	12	7	20.84	20.91	20.99		
5	16QAM	12	13	20.73	21.00	20.84		
5	16QAM	25	0	20.84	20.96	20.75		
5	64QAM	1	0	21.16	21.15	21.06	22	0
5	64QAM	1	12	21.11	21.08	21.13		
5	64QAM	1	24	21.06	21.09	21.15		
5	64QAM	12	0	20.07	19.85	19.82	21	1
5	64QAM	12	7	19.94	19.65	19.91		
5	64QAM	12	13	19.81	19.71	19.80		
5	64QAM	25	0	19.73	19.79	19.91		
5	256QAM	1	0	17.92	18.03	17.82	19	3
5	256QAM	1	12	18.01	17.91	18.05		
5	256QAM	1	24	17.79	17.97	17.87		
5	256QAM	12	0	17.96	17.95	17.81	19	3
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.78	17.84	17.75		
5	256QAM	25	0	17.65	17.78	17.78		

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BW [MHz]	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	21.27	21.46	21.22	22.3	0
20	QPSK	1	49	21.20	21.20	21.34		
20	QPSK	1	99	21.33	21.40	21.26		
20	QPSK	50	0	21.27	21.41	21.38	22.3	0
20	QPSK	50	24	21.13	21.22	21.27		
20	QPSK	50	50	21.28	21.30	21.31		
20	QPSK	100	0	21.21	21.36	21.24		
20	16QAM	1	0	21.09	21.17	21.11	22.3	0
20	16QAM	1	49	21.04	21.06	21.25		
20	16QAM	1	99	21.28	21.33	21.17		
20	16QAM	50	0	21.19	21.16	21.04	22.3	0
20	16QAM	50	24	21.11	21.03	21.21		
20	16QAM	50	50	21.28	21.42	21.26		
20	16QAM	100	0	21.19	21.22	21.12		
20	64QAM	1	0	21.04	20.96	21.21	22.3	0
20	64QAM	1	49	21.27	21.32	21.25		
20	64QAM	1	99	21.20	21.19	21.05		
20	64QAM	50	0	21.02	21.07	21.17	21.8	0.5
20	64QAM	50	24	21.21	21.31	21.20		
20	64QAM	50	50	21.17	21.17	21.10		
20	64QAM	100	0	21.04	20.98	21.20		
20	256QAM	1	0	18.22	18.09	18.04	19.8	2.5
20	256QAM	1	49	18.18	18.00	18.04		
20	256QAM	1	99	18.19	18.21	18.06		
20	256QAM	50	0	17.97	17.90	17.84	19.8	2.5
20	256QAM	50	24	17.85	17.88	17.81		
20	256QAM	50	50	17.78	17.97	17.93		
20	256QAM	100	0	18.05	17.94	17.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.12	21.33	21.15	22.3	0
15	QPSK	1	37	21.01	21.14	21.19		
15	QPSK	1	74	21.20	21.27	21.04		
15	QPSK	36	0	21.18	21.39	21.31	22.3	0
15	QPSK	36	20	20.97	21.03	21.17		
15	QPSK	36	39	21.06	21.15	21.13		
15	QPSK	75	0	21.10	21.14	21.22		
15	16QAM	1	0	20.91	21.01	20.90	22.3	0
15	16QAM	1	37	20.94	20.97	21.19		
15	16QAM	1	74	21.08	21.30	21.13		
15	16QAM	36	0	21.05	20.99	20.93	22.3	0
15	16QAM	36	20	21.06	20.99	21.17		
15	16QAM	36	39	21.13	21.28	21.07		
15	16QAM	75	0	21.05	21.04	20.97		
15	64QAM	1	0	20.93	20.89	21.18	22.3	0
15	64QAM	1	37	21.15	21.28	21.11		
15	64QAM	1	74	21.16	21.01	20.85		
15	64QAM	36	0	20.99	20.92	21.03	21.8	0.5
15	64QAM	36	20	21.05	21.26	21.14		
15	64QAM	36	39	21.00	21.05	20.92		
15	64QAM	75	0	20.97	20.91	21.06		
15	256QAM	1	0	18.14	17.98	17.83	19.8	2.5
15	256QAM	1	37	18.13	17.91	17.90		
15	256QAM	1	74	18.04	18.02	17.91		
15	256QAM	36	0	17.79	17.84	17.81	19.8	2.5
15	256QAM	36	20	17.78	17.84	17.65		
15	256QAM	36	39	17.72	17.86	17.81		
15	256QAM	75	0	17.91	17.75	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.22	21.32	21.06	22.3	0
10	QPSK	1	25	21.09	21.03	21.31		
10	QPSK	1	49	21.20	21.30	21.17		
10	QPSK	25	0	21.09	21.28	21.21	22.3	0
10	QPSK	25	12	21.09	21.17	21.11		
10	QPSK	25	25	21.08	21.26	21.25		
10	QPSK	50	0	21.19	21.16	21.09		
10	16QAM	1	0	21.06	21.09	20.98	22.3	0
10	16QAM	1	25	20.82	20.93	21.05		
10	16QAM	1	49	21.08	21.14	21.01		
10	16QAM	25	0	21.09	21.12	21.00	22.3	0
10	16QAM	25	12	20.93	20.93	21.16		
10	16QAM	25	25	21.18	21.29	21.12		
10	16QAM	50	0	21.14	21.10	20.95		
10	64QAM	1	0	20.92	20.77	21.14	22.3	0
10	64QAM	1	25	21.10	21.13	21.08		
10	64QAM	1	49	21.17	21.01	20.85		
10	64QAM	25	0	20.97	21.02	21.02	21.8	0.5
10	64QAM	25	12	21.11	21.27	21.12		
10	64QAM	25	25	21.02	20.97	21.01		
10	64QAM	50	0	20.89	20.83	21.17		
10	256QAM	1	0	18.11	17.98	17.86	19.8	2.5
10	256QAM	1	25	18.02	17.81	17.92		
10	256QAM	1	49	18.09	18.01	18.01		
10	256QAM	25	0	17.84	17.81	17.75	19.8	2.5
10	256QAM	25	12	17.64	17.79	17.74		
10	256QAM	25	25	17.75	17.87	17.72		
10	256QAM	50	0	17.87	17.74	17.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.06	21.27	21.19	22.3	0
5	QPSK	1	12	21.01	21.09	21.14		
5	QPSK	1	24	21.26	21.24	21.10		
5	QPSK	12	0	21.14	21.33	21.29	22.3	0
5	QPSK	12	7	20.96	21.16	21.13		
5	QPSK	12	13	21.11	21.13	21.15		
5	QPSK	25	0	21.17	21.31	21.08		
5	16QAM	1	0	21.01	21.09	20.91	22.3	0
5	16QAM	1	12	20.97	20.90	21.21		
5	16QAM	1	24	21.26	21.26	21.04		
5	16QAM	12	0	21.07	21.13	21.14	22.3	0
5	16QAM	12	7	21.01	21.00	21.10		
5	16QAM	12	13	21.13	21.39	21.19		
5	16QAM	25	0	21.02	21.02	21.06		
5	64QAM	1	0	20.92	20.87	21.19	22.3	0
5	64QAM	1	12	21.07	21.16	21.19		
5	64QAM	1	24	21.11	21.05	21.03		
5	64QAM	12	0	20.81	21.04	20.99	21.8	0.5
5	64QAM	12	7	21.18	21.20	21.06		
5	64QAM	12	13	21.04	20.99	20.90		
5	64QAM	25	0	20.90	20.82	21.17		
5	256QAM	1	0	18.06	18.01	17.83	19.8	2.5
5	256QAM	1	12	18.08	17.82	17.97		
5	256QAM	1	24	18.06	18.12	17.87		
5	256QAM	12	0	17.77	17.81	17.75	19.8	2.5
5	256QAM	12	7	17.73	17.76	17.68		
5	256QAM	12	13	17.72	17.85	17.86		
5	256QAM	25	0	17.91	17.75	17.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.14	21.27	21.04	22.3	0
3	QPSK	1	8	21.13	21.00	21.26		
3	QPSK	1	14	21.26	21.23	21.05		
3	QPSK	8	0	21.07	21.21	21.19	22.3	0
3	QPSK	8	4	20.91	21.09	21.18		
3	QPSK	8	7	21.15	21.17	21.26		
3	QPSK	15	0	21.03	21.17	21.06		
3	16QAM	1	0	20.97	21.11	20.98	22.3	0
3	16QAM	1	8	20.85	20.91	21.14		
3	16QAM	1	14	21.10	21.22	21.00		
3	16QAM	8	0	21.00	21.08	20.88	22.3	0
3	16QAM	8	4	20.89	20.95	21.11		
3	16QAM	8	7	21.09	21.24	21.13		
3	16QAM	15	0	21.08	21.04	21.07		
3	64QAM	1	0	20.90	20.89	20.99	22.3	0
3	64QAM	1	8	21.20	21.14	21.07		
3	64QAM	1	14	21.10	21.08	20.83		
3	64QAM	8	0	20.81	20.87	21.03	21.8	0.5
3	64QAM	8	4	21.10	21.10	21.18		
3	64QAM	8	7	21.14	20.98	20.94		
3	64QAM	15	0	20.91	20.90	21.03		
3	256QAM	1	0	18.15	17.97	17.94	19.8	2.5
3	256QAM	1	8	18.15	17.92	17.97		
3	256QAM	1	14	18.13	18.17	18.01		
3	256QAM	8	0	17.82	17.84	17.72	19.8	2.5
3	256QAM	8	4	17.82	17.84	17.60		
3	256QAM	8	7	17.72	17.86	17.74		
3	256QAM	15	0	18.02	17.74	17.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.09	21.33	21.04	22.3	0
1.4	QPSK	1	3	21.05	20.99	21.30		
1.4	QPSK	1	5	21.21	21.22	21.20		
1.4	QPSK	3	0	21.24	21.33	21.34		
1.4	QPSK	3	1	21.04	21.02	21.23		
1.4	QPSK	3	3	21.19	21.17	21.16		
1.4	QPSK	6	0	20.99	21.29	21.21	22.3	0
1.4	16QAM	1	0	20.99	21.00	20.91	22.3	0
1.4	16QAM	1	3	20.96	20.88	21.15		
1.4	16QAM	1	5	21.23	21.18	20.97		
1.4	16QAM	3	0	21.09	20.97	20.90		
1.4	16QAM	3	1	21.08	20.96	21.08		
1.4	16QAM	3	3	21.25	21.24	21.18		
1.4	16QAM	6	0	21.13	21.01	21.06	22.3	0
1.4	64QAM	1	0	20.95	20.76	21.02	22.3	0
1.4	64QAM	1	3	21.22	21.13	21.19		
1.4	64QAM	1	5	21.02	21.05	21.01		
1.4	64QAM	3	0	20.92	21.00	20.97		
1.4	64QAM	3	1	21.18	21.14	21.02		
1.4	64QAM	3	3	20.97	20.97	21.06		
1.4	64QAM	6	0	20.85	20.92	21.05	21.8	0.5
1.4	256QAM	1	0	18.12	17.89	17.88	19.8	2.5
1.4	256QAM	1	3	18.16	17.95	17.97		
1.4	256QAM	1	5	17.99	18.08	17.89		
1.4	256QAM	3	0	17.82	17.81	17.73		
1.4	256QAM	3	1	17.70	17.73	17.75		
1.4	256QAM	3	3	17.75	17.77	17.89		
1.4	256QAM	6	0	17.85	17.92	17.94	19.8	2.5

Band 2 Ant9

BW [MHz]	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	15.20	15.45	15.17		
20	QPSK	1	49	15.08	15.21	15.09	16.4	0
20	QPSK	1	99	15.14	15.41	15.04		
20	QPSK	50	0	15.29	15.41	15.16		
20	QPSK	50	24	15.12	15.31	15.10	16.4	0
20	QPSK	50	50	15.11	15.36	15.04		
20	QPSK	100	0	15.26	15.42	15.18		
20	16QAM	1	0	15.17	15.26	15.12		
20	16QAM	1	49	15.11	15.36	15.05	16.4	0
20	16QAM	1	99	15.23	15.35	15.18		
20	16QAM	50	0	15.19	15.31	15.07		
20	16QAM	50	24	15.08	15.39	15.10	16.4	0
20	16QAM	50	50	15.29	15.42	15.19		
20	16QAM	100	0	15.10	15.29	15.06		
20	64QAM	1	0	15.16	15.34	15.07		
20	64QAM	1	49	15.28	15.40	15.18	16.4	0
20	64QAM	1	99	15.08	15.25	15.08		
20	64QAM	50	0	15.14	15.40	15.11		
20	64QAM	50	24	15.22	15.39	15.24	16.4	0
20	64QAM	50	50	15.13	15.20	15.08		
20	64QAM	100	0	15.04	15.32	15.05		
20	256QAM	1	0	15.21	15.41	15.18		
20	256QAM	1	49	15.10	15.20	15.01	16.4	0
20	256QAM	1	99	15.15	15.40	15.06		
20	256QAM	50	0	15.18	15.43	15.21		
20	256QAM	50	24	15.27	15.41	15.23	16.4	0
20	256QAM	50	50	15.15	15.38	15.11		
20	256QAM	100	0	15.13	15.43	15.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.99	15.36	15.13		
15	QPSK	1	37	14.98	15.36	14.88	16.4	0
15	QPSK	1	74	15.01	15.36	14.87		
15	QPSK	36	0	15.14	15.30	15.02		
15	QPSK	36	20	14.99	15.12	14.99	16.4	0
15	QPSK	36	39	14.90	15.22	15.00		
15	QPSK	75	0	15.08	15.40	15.13		
15	16QAM	1	0	15.00	15.14	15.07		
15	16QAM	1	37	15.07	15.29	14.87	16.4	0
15	16QAM	1	74	15.18	15.13	15.05		
15	16QAM	36	0	15.06	15.23	15.02		
15	16QAM	36	20	14.87	15.24	15.00	16.4	0
15	16QAM	36	39	15.20	15.26	15.04		
15	16QAM	75	0	15.06	15.27	14.91		
15	64QAM	1	0	15.01	15.15	14.98		
15	64QAM	1	37	15.18	15.30	14.96	16.4	0
15	64QAM	1	74	15.01	15.10	14.92		
15	64QAM	36	0	14.95	15.29	15.02		
15	64QAM	36	20	15.10	15.30	15.03	16.4	0
15	64QAM	36	39	14.95	15.15	15.01		
15	64QAM	75	0	14.93	15.12	14.92		
15	256QAM	1	0	15.05	15.27	15.01		
15	256QAM	1	37	15.00	15.17	14.85	16.4	0
15	256QAM	1	74	15.09	15.30	15.01		
15	256QAM	36	0	15.08	15.28	15.19		
15	256QAM	36	20	15.15	15.30	15.02	16.4	0
15	256QAM	36	39	15.09	15.28	14.92		
15	256QAM	75	0	15.10	15.22	15.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.03	15.37	15.08		
10	QPSK	1	25	15.05	15.01	15.03	16.4	0
10	QPSK	1	49	15.04	15.34	14.96		
10	QPSK	25	0	15.12	15.20	15.08		
10	QPSK	25	12	15.07	15.29	14.94	16.4	0
10	QPSK	25	25	14.95	15.22	15.07		
10	QPSK	50	0	15.10	15.35	15.10		
10	16QAM	1	0	15.08	15.19	14.92		
10	16QAM	1	25	15.00	15.18	14.96	16.4	0
10	16QAM	1	49	14.98	15.16	14.98		
10	16QAM	25	0	15.07	15.19	15.01		
10	16QAM	25	12	15.04	15.18	15.07	16.4	0
10	16QAM	25	25	15.20	15.21	15.02		
10	16QAM	50	0	15.07	15.12	14.92		
10	64QAM	1	0	14.93	15.25	14.91		
10	64QAM	1	25	15.12	15.22	14.98	16.4	0
10	64QAM	1	49	14.89	15.16	15.02		
10	64QAM	25	0	15.11	15.24	15.02		
10	64QAM	25	12	15.13	15.29	15.15	16.4	0
10	64QAM	25	25	14.95	15.00	15.05		
10	64QAM	50	0	14.99	15.25	14.97		
10	256QAM	1	0	15.13	15.22	15.10		
10	256QAM	1	25	14.99	15.13	15.08	16.4	0
10	256QAM	1	49	14.95	15.35	15.11		
10	256QAM	25	0	15.10	15.27	15.13		
10	256QAM	25	12	15.24	15.25	15.14	16.4	0
10	256QAM	25	25	15.11	15.25	15.00		
10	256QAM	50	0	14.92	15.41	14.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.06	15.43	15.01		
5	QPSK	1	12	15.03	15.01	14.98	16.4	0
5	QPSK	1	24	14.98	15.31	14.93		
5	QPSK	12	0	15.16	15.20	15.01		
5	QPSK	12	7	14.97	15.11	15.04	16.4	0
5	QPSK	12	13	15.03	15.21	14.83		
5	QPSK	25	0	15.09	15.34	14.98		
5	16QAM	1	0	15.04	15.13	15.10		
5	16QAM	1	12	15.08	15.15	15.00	16.4	0
5	16QAM	1	24	15.02	15.23	15.08		
5	16QAM	12	0	15.02	15.23	14.99		
5	16QAM	12	7	14.90	15.28	15.02	16.4	0
5	16QAM	12	13	15.06	15.13	14.85		
5	16QAM	25	0	14.98	15.27	14.85		
5	64QAM	1	0	15.08	15.16	14.90		
5	64QAM	1	12	15.15	15.20	15.01	16.4	0
5	64QAM	1	24	14.88	15.18	14.94		
5	64QAM	12	0	15.05	15.27	14.99		
5	64QAM	12	7	15.01	15.29	15.04	16.4	0
5	64QAM	12	13	15.05	15.04	15.05		
5	64QAM	25	0	14.97	15.17	15.03		
5	256QAM	1	0	15.01	15.26	15.15		
5	256QAM	1	12	14.89	15.09	14.97	16.4	0
5	256QAM	1	24	15.11	15.24	14.94		
5	256QAM	12	0	14.97	15.22	15.16		
5	256QAM	12	7	15.25	15.33	15.10	16.4	0
5	256QAM	12	13	15.01	15.19	15.07		
5	256QAM	25	0	15.00	15.29	15.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.11	15.30	15.13		
3	QPSK	1	8	15.00	15.14	15.06	16.4	0
3	QPSK	1	14	15.03	15.39	14.91		
3	QPSK	8	0	15.07	15.24	14.96		
3	QPSK	8	4	15.03	15.22	15.02	16.4	0
3	QPSK	8	7	14.94	15.21	14.85		
3	QPSK	15	0	15.21	15.22	14.96		
3	16QAM	1	0	15.03	15.11	14.97		
3	16QAM	1	8	14.92	15.20	14.98	16.4	0
3	16QAM	1	14	15.19	15.31	15.14		
3	16QAM	8	0	15.12	15.27	14.89		
3	16QAM	8	4	14.93	15.25	15.03	16.4	0
3	16QAM	8	7	15.21	15.27	15.07		
3	16QAM	15	0	15.03	15.14	14.91		
3	64QAM	1	0	15.07	15.14	14.88		
3	64QAM	1	8	15.14	15.24	15.12	16.4	0
3	64QAM	1	14	14.92	15.16	14.97		
3	64QAM	8	0	14.93	15.31	14.97		
3	64QAM	8	4	15.06	15.25	15.13	16.4	0
3	64QAM	8	7	15.10	14.96	14.96		
3	64QAM	15	0	14.87	15.15	14.88		
3	256QAM	1	0	15.05	15.29	14.99		
3	256QAM	1	8	14.98	14.99	14.97	16.4	0
3	256QAM	1	14	15.02	15.25	14.85		
3	256QAM	8	0	15.15	15.36	15.02		
3	256QAM	8	4	15.09	15.25	15.08	16.4	0
3	256QAM	8	7	15.10	15.09	15.05		
3	256QAM	15	0	15.06	15.22	15.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.04	15.39	15.06		
1.4	QPSK	1	3	14.98	15.11	14.89		
1.4	QPSK	1	5	15.10	15.32	14.91	16.4	0
1.4	QPSK	3	0	15.24	15.29	14.99		
1.4	QPSK	3	1	15.04	15.24	15.04		
1.4	QPSK	3	3	15.07	15.15	14.92		
1.4	QPSK	6	0	15.10	15.35	15.13	16.4	0
1.4	16QAM	1	0	15.03	15.05	15.07		
1.4	16QAM	1	3	14.91	15.21	14.98		
1.4	16QAM	1	5	15.13	15.31	15.09	16.4	0
1.4	16QAM	3	0	15.05	15.25	14.93		
1.4	16QAM	3	1	14.95	15.25	14.98		
1.4	16QAM	3	3	15.20	15.24	15.10		
1.4	16QAM	6	0	15.05	15.24	14.92	16.4	0
1.4	64QAM	1	0	14.94	15.29	14.87		
1.4	64QAM	1	3	15.18	15.19	15.09		
1.4	64QAM	1	5	14.87	15.11	15.01	16.4	0
1.4	64QAM	3	0	15.08	15.26	14.95		
1.4	64QAM	3	1	15.06	15.28	15.12		
1.4	64QAM	3	3	14.91	15.04	14.90		
1.4	64QAM	6	0	14.97	15.13	14.97	16.4	0
1.4	256QAM	1	0	15.13	15.19	15.00		
1.4	256QAM	1	3	15.04	15.16	14.94		
1.4	256QAM	1	5	14.93	15.21	14.90	16.4	0
1.4	256QAM	3	0	14.98	15.31	15.09		
1.4	256QAM	3	1	15.10	15.29	15.06		
1.4	256QAM	3	3	15.09	15.20	14.95		
1.4	256QAM	6	0	15.04	15.26	14.97	16.4	0

Band 4 Ant9

BW [MHz]	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	18.00	18.19	18.02		
20	QPSK	1	49	17.85	18.07	17.82	19	0
20	QPSK	1	99	18.11	17.94	18.01		
20	QPSK	50	0	18.08	18.18	18.10		
20	QPSK	50	24	17.90	18.05	17.80	19	0
20	QPSK	50	50	18.10	17.90	17.94		
20	QPSK	100	0	18.06	18.15	18.07		
20	16QAM	1	0	17.93	18.07	17.86		
20	16QAM	1	49	18.15	17.92	18.01	19	0
20	16QAM	1	99	18.09	18.12	18.09		
20	16QAM	50	0	17.85	18.01	17.85		
20	16QAM	50	24	18.16	17.96	17.96	19	0
20	16QAM	50	50	18.11	18.07	17.98		
20	16QAM	100	0	17.90	18.07	17.84		
20	64QAM	1	0	18.15	17.85	18.00		
20	64QAM	1	49	18.03	18.11	18.01	19	0
20	64QAM	1	99	17.88	18.00	17.87		
20	64QAM	50	0	18.15	17.93	17.96		
20	64QAM	50	24	18.01	18.13	18.09	19	0
20	64QAM	50	50	17.94	18.06	17.85		
20	64QAM	100	0	18.16	17.90	18.01		
20	256QAM	1	0	18.12	18.13	18.15		
20	256QAM	1	49	18.18	18.11	18.12	19	0
20	256QAM	1	99	18.15	18.15	18.13		
20	256QAM	50	0	18.10	18.01	17.90		
20	256QAM	50	24	18.08	17.92	17.88	19	0
20	256QAM	50	50	18.12	18.02	18.04		
20	256QAM	100	0	18.01	18.07	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.94	18.13	17.99		
15	QPSK	1	37	17.74	17.97	17.84	19	0
15	QPSK	1	74	18.05	17.91	17.87		
15	QPSK	36	0	17.95	17.97	18.06		
15	QPSK	36	20	17.81	17.91	17.61	19	0
15	QPSK	36	39	18.04	17.80	17.81		
15	QPSK	75	0	17.86	18.03	18.01		
15	16QAM	1	0	17.79	17.94	17.71		
15	16QAM	1	37	18.11	17.87	17.89	19	0
15	16QAM	1	74	17.95	17.92	17.96		
15	16QAM	36	0	17.77	17.85	17.71		
15	16QAM	36	20	18.08	17.92	17.86	19	0
15	16QAM	36	39	17.97	17.93	17.83		
15	16QAM	75	0	17.83	17.85	17.66		
15	64QAM	1	0	18.07	17.65	17.95		
15	64QAM	1	37	17.97	17.99	17.82	19	0
15	64QAM	1	74	17.74	17.97	17.85		
15	64QAM	36	0	17.95	17.85	17.81		
15	64QAM	36	20	17.88	18.00	17.99	19	0
15	64QAM	36	39	17.82	17.91	17.73		
15	64QAM	75	0	18.11	17.69	17.98		
15	256QAM	1	0	18.01	17.93	18.01		
15	256QAM	1	37	18.12	18.05	17.96	19	0
15	256QAM	1	74	18.06	18.01	17.97		
15	256QAM	36	0	17.98	17.87	17.74		
15	256QAM	36	20	17.87	17.89	17.75	19	0
15	256QAM	36	39	18.03	17.88	17.82		
15	256QAM	75	0	17.98	17.99	18.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.90	18.05	17.78		
10	QPSK	1	25	17.76	17.87	17.67	19	0
10	QPSK	1	49	17.94	17.75	17.93		
10	QPSK	25	0	17.93	17.97	17.90		
10	QPSK	25	12	17.73	17.94	17.70	19	0
10	QPSK	25	25	17.90	17.75	17.76		
10	QPSK	50	0	17.92	18.14	18.00		
10	16QAM	1	0	17.89	17.98	17.75		
10	16QAM	1	25	17.97	17.89	17.83	19	0
10	16QAM	1	49	17.90	18.05	18.03		
10	16QAM	25	0	17.74	17.82	17.72		
10	16QAM	25	12	18.10	17.86	17.84	19	0
10	16QAM	25	25	18.05	18.04	17.78		
10	16QAM	50	0	17.86	18.00	17.68		
10	64QAM	1	0	17.94	17.78	17.93		
10	64QAM	1	25	17.88	18.03	17.98	19	0
10	64QAM	1	49	17.86	17.80	17.76		
10	64QAM	25	0	18.02	17.82	17.88		
10	64QAM	25	12	17.82	18.10	18.02	19	0
10	64QAM	25	25	17.87	17.86	17.67		
10	64QAM	50	0	17.95	17.86	17.81		
10	256QAM	1	0	17.92	17.95	18.02		
10	256QAM	1	25	17.97	17.96	17.97	19	0
10	256QAM	1	49	18.10	18.00	18.02		
10	256QAM	25	0	18.02	17.88	17.77		
10	256QAM	25	12	18.05	17.81	17.72	19	0
10	256QAM	25	25	17.99	17.93	18.00		
10	256QAM	50	0	17.84	17.91	18.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.90	18.03	17.88		
5	QPSK	1	12	17.82	17.97	17.77	19	0
5	QPSK	1	24	18.05	17.77	17.98		
5	QPSK	12	0	18.01	18.04	18.04		
5	QPSK	12	7	17.77	17.89	17.74	19	0
5	QPSK	12	13	17.98	17.72	17.73		
5	QPSK	25	0	18.03	18.13	18.04		
5	16QAM	1	0	17.91	17.93	17.70		
5	16QAM	1	12	17.99	17.79	17.97	19	0
5	16QAM	1	24	18.06	18.01	17.98		
5	16QAM	12	0	17.65	17.83	17.68		
5	16QAM	12	7	18.08	17.77	17.80	19	0
5	16QAM	12	13	18.08	17.89	17.83		
5	16QAM	25	0	17.79	17.99	17.72		
5	64QAM	1	0	18.09	17.71	17.82		
5	64QAM	1	12	17.88	17.92	17.94	19	0
5	64QAM	1	24	17.84	17.87	17.68		
5	64QAM	12	0	18.12	17.77	17.91		
5	64QAM	12	7	17.90	17.92	17.91	19	0
5	64QAM	12	13	17.75	18.03	17.79		
5	64QAM	25	0	18.13	17.71	17.97		
5	256QAM	1	0	18.07	18.11	18.01		
5	256QAM	1	12	18.14	17.90	17.99	19	0
5	256QAM	1	24	18.02	17.95	17.99		
5	256QAM	12	0	17.90	17.79	17.72		
5	256QAM	12	7	17.98	17.79	17.68	19	0
5	256QAM	12	13	18.10	17.99	17.97		
5	256QAM	25	0	17.99	17.91	18.02		
Channel				19965	20175	20383	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.83	18.06	17.98		
3	QPSK	1	8	17.77	17.92	17.67	19	0
3	QPSK	1	14	18.01	17.85	17.89		
3	QPSK	8	0	17.99	18.01	17.93		
3	QPSK	8	4	17.82	18.00	17.96	19	0
3	QPSK	8	7	18.07	17.73	17.72		
3	QPSK	15	0	17.88	18.00	17.93		
3	16QAM	1	0	17.72	17.90	17.83		
3	16QAM	1	8	18.12	17.82	17.93	19	0
3	16QAM	1	14	18.01	18.07	17.96		
3	16QAM	8	0	17.64	17.91	17.79		
3	16QAM	8	4	17.97	17.99	17.79	19	0
3	16QAM	8	7	17.98	17.87	17.90		
3	16QAM	15	0	17.69	17.99	17.72		
3	64QAM	1	0	18.01	17.79	17.90		
3	64QAM	1	8	17.94	18.05	17.88	19	0
3	64QAM	1	14	17.81	17.82	17.81		
3	64QAM	8	0	18.13	17.72	17.80		
3	64QAM	8	4	17.97	17.97	18.04	19	0
3	64QAM	8	7	17.76	17.95	17.73		
3	64QAM	15	0	18.08	17.87	17.79		
3	256QAM	1	0	18.10	17.98	18.01		
3	256QAM	1	8	18.05	17.96	18.01	19	0
3	256QAM	1	14	18.08	18.01	17.97		
3	256QAM	8	0	17.91	17.88	17.74		
3	256QAM	8	4	17.94	17.83	17.75	19	0
3	256QAM	8	7	17.96	17.98	17.99		
3	256QAM	15	0	17.83	17.86	18.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.79	17.98	17.99		
1.4	QPSK	1	3	17.78	17.95	17.66		
1.4	QPSK	1	5	18.00	17.77	17.80	19	0
1.4	QPSK	3	0	17.86	18.14	17.90		
1.4	QPSK	3	1	17.81	17.87	17.67		
1.4	QPSK	3	3	17.95	17.82	17.74		
1.4	QPSK	6	0	18.04	18.01	17.88	19	0
1.4	16QAM	1	0	17.83	17.85	17.74		
1.4	16QAM	1	3	17.95	17.82	17.87		
1.4	16QAM	1	5	17.98	17.93	17.95	19	0
1.4	16QAM	3	0	17.67	17.87	17.76		
1.4	16QAM	3	1	17.96	17.84	17.75		
1.4	16QAM	3	3	17.91	17.90	17.91		
1.4	16QAM	6	0	17.83	18.00	17.65	19	0
1.4	64QAM	1	0	18.06	17.82	17.82		
1.4	64QAM	1	3	17.87	17.95	17.94		
1.4	64QAM	1	5	17.70	17.93	17.77	19	0
1.4	64QAM	3	0	17.95	17.75	17.83		
1.4	64QAM	3	1	17.81	18.09	17.97		
1.4	64QAM	3	3	17.90	17.99	17.71		
1.4	64QAM	6	0	17.97	17.71	17.89	19	0
1.4	256QAM	1	0	17.94	17.99	18.04		
1.4	256QAM	1	3	18.02	17.98	17.95		
1.4	256QAM	1	5	18.12	18.04	17.96	19	0
1.4	256QAM	3	0	17.98	17.92	17.70		
1.4	256QAM	3	1	17.90	17.70	17.68		
1.4	256QAM	3	3	18.10	17.95	17.90		
1.4	256QAM	6	0	17.92	17.99	18.10	19	0

Band 7 Ant9

BW [MHz]	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	12.55	12.67	12.41		
20	QPSK	1	49	12.50	12.43	12.29	13.7	0
20	QPSK	1	99	12.39	12.56	12.31		
20	QPSK	50	0	12.55	12.62	12.42		
20	QPSK	50	24	12.61	12.39	12.37	13.7	0
20	QPSK	50	50	12.33	12.58	12.31		
20	QPSK	100	0	12.56	12.59	12.38		
20	16QAM	1	0	12.62	12.59	12.62		
20	16QAM	1	49	12.34	12.56	12.55	13.7	0
20	16QAM	1	99	12.52	12.65	12.57		
20	16QAM	50	0	12.55	12.46	12.56		
20

Full & Default Power Mode

n5 Ant0

BW [MHz]	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	22.49	22.59	22.50		
20	PI/2 BPSK	1	53	22.73	22.69	22.55	24.0	0.0
20	PI/2 BPSK	1	104	22.56	22.64	22.54		
20	PI/2 BPSK	50	0	22.17	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.72	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.22	22.22	22.13	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.23	22.07		
20	QPSK	1	1	22.71	22.75	22.62		
20	QPSK	1	53	22.51	22.71	22.59	24.0	0.0
20	QPSK	1	104	22.48	22.65	22.65		
20	QPSK	50	0	21.63	21.70	21.65	23.0	1.0
20	QPSK	50	28	22.55	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.66	23.0	1.0
20	QPSK	100	0	21.56	21.71	21.69		
20	16QAM	1	1	21.17	21.33	21.18	23.0	1.0
20	64QAM	1	1	19.96	19.93	19.83	21.5	2.5
20	256QAM	1	1	18.57	18.61	18.44	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	22.51	22.61	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.43	22.63	22.57	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	22.44	22.69	22.54	24.0	0.0

n26 Ant0

BW [MHz]	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	22.58	22.69	22.69		
20	PI/2 BPSK	1	53	22.52	22.70	22.69	24.0	0.0
20	PI/2 BPSK	1	104	22.60	22.66	22.47		
20	PI/2 BPSK	50	0	22.19	22.26	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.74	22.78	22.69	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.25	22.08	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.25	22.22		
20	QPSK	1	1	22.74	22.80	22.76		
20	QPSK	1	53	22.50	22.71	22.68	24.0	0.0
20	QPSK	1	104	22.50	22.70	22.49		
20	QPSK	50	0	21.72	21.74	21.75	23.0	1.0
20	QPSK	50	28	22.66	22.77	22.58	24.0	0.0
20	QPSK	50	56	21.58	21.73	21.59	23.0	1.0
20	QPSK	100	0	21.59	21.73	21.65		
20	16QAM	1	1	21.35	21.46	21.47	23.0	1.0
20	64QAM	1	1	19.90	20.05	20.06	21.5	2.5
20	256QAM	1	1	18.67	18.68	18.52	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	22.46	22.65	22.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.69	22.52	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	22.48	22.60	22.52	24.0	0.0

n71 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.83	23.00	22.90		
20	PI/2 BPSK	1	53	22.86	23.09	22.96	24.0	0.0
20	PI/2 BPSK	1	104	23.02	23.01	22.97		
20	PI/2 BPSK	50	0	22.55	22.56	22.55	23.5	0.5
20	PI/2 BPSK	50	28	23.13	23.11	23.10	24.0	0.0
20	PI/2 BPSK	50	56	22.57	22.60	22.48	23.5	0.5
20	PI/2 BPSK	100	0	22.36	22.56	22.53		
20	QPSK	1	1	23.08	23.14	23.01		
20	QPSK	1	53	22.94	23.04	22.92	24.0	0.0
20	QPSK	1	104	22.99	23.01	23.00		
20	QPSK	50	0	21.97	22.05	21.97	23.0	1.0
20	QPSK	50	28	23.02	23.10	23.08	24.0	0.0
20	QPSK	50	56	22.10	22.10	21.89	23.0	1.0
20	QPSK	100	0	22.02	22.06	22.04		
20	16QAM	1	1	21.63	21.75	21.58	23.0	1.0
20	64QAM	1	1	20.40	20.46	20.39	21.5	2.5
20	256QAM	1	1	18.96	19.02	19.09	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.43	22.67	22.57	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.43	22.64	22.58	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	22.52	22.61	22.52	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	22.26	22.33	22.32	24.0	0.0
40	PI/2 BPSK	1	53	22.45	22.45	22.45		
40	PI/2 BPSK	1	104	22.67	22.73	22.65		
40	PI/2 BPSK	50	0	21.83	21.88	21.84	23.5	0.5
40	PI/2 BPSK	50	28	22.31	22.49	22.36	24.0	0.0
40	PI/2 BPSK	50	56	21.94	22.05	22.02	23.5	0.5
40	PI/2 BPSK	100	0	21.94	22.01	21.99		
40	QPSK	1	1	22.66	22.75	22.63	24.0	0.0
40	QPSK	1	53	22.55	22.62	22.53		
40	QPSK	1	104	22.53	22.65	22.50		
40	QPSK	50	0	21.24	21.39	21.18	23.0	1.0
40	QPSK	50	28	22.41	22.47	22.27	24.0	0.0
40	QPSK	50	56	21.41	21.46	21.27	23.0	1.0
40	QPSK	100	0	21.43	21.47	21.37		
40	16QAM	1	1	21.07	21.07	21.12	23.0	1.0
40	64QAM	1	1	19.65	19.64	19.62	21.5	2.5
40	256QAM	1	1	18.15	18.26	18.22	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	22.55	22.64	22.55	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	22.55	22.65	22.57	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.66	22.55	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	22.54	22.67	22.55	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	22.53	22.65	22.56	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	22.43	22.59	22.58	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.66	22.62		
100	PI/2 BPSK	1	271	22.46	22.47	22.33		
100	PI/2 BPSK	135	0	22.26	22.39	22.26	23.5	0.5
100	PI/2 BPSK	135	69	22.70	22.69	22.68	24.0	0.0
100	PI/2 BPSK	135	138	22.43	22.50	22.51	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.57	22.48		
100	QPSK	1	1	22.66	22.77	22.55	24.0	0.0
100	QPSK	1	137	22.42	22.62	22.54		
100	QPSK	1	271	22.45	22.46	22.38		
100	QPSK	135	0	22.26	22.39	22.32	23.0	1.0
100	QPSK	135	69	22.48	22.68	22.66	24.0	0.0
100	QPSK	135	138	22.41	22.48	22.44	23.0	1.0
100	QPSK	270	0	22.39	22.46	22.37		
100	16QAM	1	1	22.24	22.31	22.30	23.0	1.0
100	64QAM	1	1	21.24	21.20	21.12	21.5	2.5
100	256QAM	1	1	18.11	18.11	18.10	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	22.44	22.65	22.52	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	22.51	22.62	22.61	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	22.48	22.66	22.56	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	22.48	22.64	22.60	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	22.43	22.64	22.55	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	22.45	22.70	22.55	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	22.48	22.67	22.56	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	22.44	22.66	22.58	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	22.49	22.67	22.54	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	22.52	22.67	22.55	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	22.44	22.62	22.56	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	22.42	22.67	22.58	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	22.49	22.68	22.56	24.0	0.0

n2 Ant1

BW [MHz]	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	22.01	22.09	21.96	23.0	0.0
40	PI/2 BPSK	1	108	21.89	22.03	21.82		
40	PI/2 BPSK	1	214	21.91	22.02	22.02		
40	PI/2 BPSK	108	0	21.62	21.71	21.72	22.5	0.5
40	PI/2 BPSK	108	54	22.12	22.12	22.02	23.0	0.0
40	PI/2 BPSK	108	108	21.51	21.65	21.60	22.5	0.5
40	PI/2 BPSK	216	0	21.66	21.65	21.64		
40	QPSK	1	1	22.12	22.16	22.09	23.0	0.0
40	QPSK	1	108	21.92	22.00	21.90		
40	QPSK	1	214	21.98	22.03	21.86		
40	QPSK	108	0	20.97	21.04	21.00	22.0	1.0
40	QPSK	108	54	22.13	22.14	22.04	23.0	0.0
40	QPSK	108	108	21.11	21.11	21.04	22.0	1.0
40	QPSK	216	0	20.93	21.15	21.11		
40	16QAM	1	1	20.78	20.84	20.68	22.0	1.0
40	64QAM	1	1	19.25	19.39	19.25	20.5	2.5
40	256QAM	1	1	17.78	17.89	17.84	18.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.06	22.05	21.98	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.07	22.08	21.97	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.06	22.10	21.98	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.07	22.07	22.01	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.02	22.04	22.02	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.04	22.05	22.01	18.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.05	22.08	22.03	18.0	2.5

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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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.17	22.23	22.18	24.0	0.0
20	PI/2 BPSK	1	53	22.22	22.34	22.36		
20	PI/2 BPSK	1	104	22.28	22.29	22.15		
20	PI/2 BPSK	50	0	21.80	21.87	21.73	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.37	22.22	24.0	0.0
20	PI/2 BPSK	50	56	21.83	21.89	21.91	23.5	0.5
20	PI/2 BPSK	100	0	21.78	21.89	21.85		
20	QPSK	1	1	22.30	22.46	22.42	24.0	0.0
20	QPSK	1	53	22.18	22.36	22.35		
20	QPSK	1	104	22.06	22.29	22.22		
20	QPSK	50	0	21.28	21.37	21.39	23.0	1.0
20	QPSK	50	28	22.27	22.40	22.24	24.0	0.0
20	QPSK	50	56	21.40	21.38	21.25	23.0	1.0
20	QPSK	100	0	21.36	21.39	21.34		
20	16QAM	1	1	21.39	21.44	21.46	23.0	1.0
20	64QAM	1	1	19.67	19.60	19.72	21.5	2.5
20	256QAM	1	1	18.31	18.26	18.11	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	22.20	22.33	22.14	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.16	22.27	22.19	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	22.15	22.33	22.17	24.0	0.0

n7 Ant1

BW [MHz]	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	21.90	21.93	21.81	23.0	0.0
50	PI/2 BPSK	1	135	22.03	22.20	22.22		
50	PI/2 BPSK	1	268	21.95	21.98	21.94		
50	PI/2 BPSK	135	0	21.67	21.65	21.61	22.5	0.5
50	PI/2 BPSK	135	68	22.05	22.17	22.18	23.0	0.0
50	PI/2 BPSK	135	135	21.62	21.71	21.72	22.5	0.5
50	PI/2 BPSK	270	0	21.51	21.73	21.50		
50	QPSK	1	1	22.20	22.25	22.18	23.0	0.0
50	QPSK	1	135	22.07	22.12	21.91		
50	QPSK	1	268	21.94	22.04	22.02		
50	QPSK	135	0	20.96	21.18	21.12	22.0	1.0
50	QPSK	135	68	22.11	22.22	22.08	23.0	0.0
50	QPSK	135	135	21.08	21.17	21.02	22.0	1.0
50	QPSK	270	0	21.13	21.22	21.01		
50	16QAM	1	1	20.76	20.76	20.70	22.0	1.0
50	64QAM	1	1	19.25	19.32	19.15	20.5	2.5
50	256QAM	1	1	17.89	17.88	17.74	18.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.15	22.18	22.14	23.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.10	22.20	22.15	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.08	22.16	22.07	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.08	22.17	22.14	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.14	22.13	22.09	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.13	22.19	22.15	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.16	22.14	22.11	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.12	22.21	22.08	23.0	0.0

n26 Ant1

BW [MHz]	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	22.28	22.33	22.28	24.0	0.0
20	PI/2 BPSK	1	53	22.18	22.30	22.21		
20	PI/2 BPSK	1	104	22.35	22.33	22.28		
20	PI/2 BPSK	50	0	21.91	21.93	21.82	23.5	0.5
20	PI/2 BPSK	50	28	22.43	22.43	22.29	24.0	0.0
20	PI/2 BPSK	50	56	21.89	21.93	21.89	23.5	0.5
20	PI/2 BPSK	100	0	21.92	21.92	21.78		
20	QPSK	1	1	22.43	22.47	22.31	24.0	0.0
20	QPSK	1	53	22.33	22.34	22.24		
20	QPSK	1	104	22.21	22.34	22.32		
20	QPSK	50	0	21.42	21.42	21.36	23.0	1.0
20	QPSK	50	28	22.35	22.41	22.28	24.0	0.0
20	QPSK	50	56	21.26	21.41	21.25	23.0	1.0
20	QPSK	100	0	21.31	21.40	21.25		
20	16QAM	1	1	21.14	21.11	21.03	23.0	1.0
20	64QAM	1	1	19.79	19.72	19.73	21.5	2.5
20	256QAM	1	1	18.29	18.35	18.41	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	22.17	22.36	22.15	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.15	22.30	22.14	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	22.23	22.36	22.18	24.0	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.98	22.13	22.10	23.0	0.0
40	PI/2 BPSK	1	108	21.95	22.08	21.90		
40	PI/2 BPSK	1	214	21.94	22.04	21.98		
40	PI/2 BPSK	108	0	21.54	21.75	21.55	22.5	0.5
40	PI/2 BPSK	108	54	22.00	22.19	22.06	23.0	0.0
40	PI/2 BPSK	108	108	21.56	21.62	21.43	22.5	0.5
40	PI/2 BPSK	216	0	21.56	21.63	21.61		
40	QPSK	1	1	22.13	22.21	22.15	23.0	0.0
40	QPSK	1	108	22.03	22.11	22.06		
40	QPSK	1	214	22.07	22.06	21.92		
40	QPSK	108	0	21.17	21.22	21.13	22.0	1.0
40	QPSK	108	54	22.01	22.18	22.16	23.0	0.0
40	QPSK	108	108	21.03	21.07	21.06	22.0	1.0
40	QPSK	216	0	21.07	21.11	21.05		
40	16QAM	1	1	20.87	20.91	20.73	22.0	1.0
40	64QAM	1	1	19.46	19.44	19.51	20.5	2.5
40	256QAM	1	1	17.85	18.01	17.84	18.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.08	22.13	22.06	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.15	22.19	22.09	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	22.07	22.18	22.13	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.09	22.15	22.05	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	22.08	22.14	22.05	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.09	22.16	22.10	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	22.12	22.20	22.10	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.36	22.51	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.47	22.60	22.47		
20	PI/2 BPSK	1	104	22.49	22.51	22.46		
20	PI/2 BPSK	50	0	21.96	22.06	21.97	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.52	22.50	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.12	21.92	23.5	0.5
20	PI/2 BPSK	100	0	22.10	22.07	22.05		
20	QPSK	1	1	22.55	22.62	22.50	24.0	0.0
20	QPSK	1	53	22.44	22.59	22.42		
20	QPSK	1	104	22.38	22.50	22.36		
20	QPSK	50	0	21.51	21.54	21.47	23.0	1.0
20	QPSK	50	28	22.53	22.58	22.51	24.0	0.0
20	QPSK	50	56	21.45	21.61	21.53	23.0	1.0
20	QPSK	100	0	21.45	21.57	21.44		
20	16QAM	1	1	21.20	21.25	21.08	23.0	1.0
20	64QAM	1	1	19.91	19.97	19.88	21.5	2.5
20	256QAM	1	1	18.58	18.52	18.42	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.09	22.15	22.05	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.14	22.20	22.06	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	22.08	22.13	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.34	22.43	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.11	22.29	22.30		
40	PI/2 BPSK	1	104	22.27	22.34	22.25		
40	PI/2 BPSK	50	0	21.70	21.68	21.51	23.5	0.5
40	PI/2 BPSK	50	28	22.14	22.23	22.23	24.0	0.0
40	PI/2 BPSK	50	56	21.61	21.81	21.75	23.5	0.5
40	PI/2 BPSK	100	0	21.73	21.79	21.82		
40	QPSK	1	1	22.45	22.59	22.48	24.0	0.0
40	QPSK	1	53	22.12	22.35	22.38		
40	QPSK	1	104	22.13	22.23	22.04		
40	QPSK	50	0	21.02	21.14	21.09	23.0	1.0
40	QPSK	50	28	22.26	22.45	22.38	24.0	0.0
40	QPSK	50	56	21.22	21.25	21.05	23.0	1.0
40	QPSK	100	0	21.28	21.43	21.23		
40	16QAM	1	1	21.36	21.48	21.31	23.0	1.0
40	64QAM	1	1	20.10	20.05	20.10	21.5	2.5
40	256QAM	1	1	18.02	18.03	18.09	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	22.13	22.15	22.10	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	22.08	22.19	22.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.10	22.22	22.15	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	22.15	22.17	22.13	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	22.13	22.12	22.12	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	23.36	23.43	23.41	24.0	0.0
100	PI/2 BPSK	1	137	23.28	23.38	23.33		
100	PI/2 BPSK	1	271	23.29	23.27	23.08		
100	PI/2 BPSK	135	0	23.16	23.21	23.15	23.5	0.5
100	PI/2 BPSK	135	69	23.37	23.41	23.23	24.0	0.0
100	PI/2 BPSK	135	138	23.12	23.28	23.28	23.5	0.5
100	PI/2 BPSK	270	0	23.34	23.37	23.35		
100	QPSK	1	1	23.34	23.45	23.41	24.0	0.0
100	QPSK	1	137	23.22	23.36	23.19		
100	QPSK	1	271	23.15	23.25	23.06		
100	QPSK	135	0	22.08	22.22	22.12	23.0	1.0
100	QPSK	135	69	23.40	23.41	23.21	24.0	0.0
100	QPSK	135	138	22.16	22.24	22.14	23.0	1.0
100	QPSK	270	0	22.16	22.34	22.13		
100	16QAM	1	1	22.26	22.38	22.35	23.0	1.0
100	64QAM	1	1	20.77	20.92	20.89	21.5	2.5
100	256QAM	1	1	18.97	18.99	18.95	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	23.23	23.41	23.29	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	23.25	23.34	23.35	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	23.29	23.35	23.37	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	23.21	23.36	23.33	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	23.30	23.37	23.36	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	23.31	23.34	23.37	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	23.26	23.35	23.31	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	23.27	23.36	23.36	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	23.23	23.33	23.36	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	23.28	23.32	23.36	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	23.26	23.36	23.30	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	23.24	23.34	23.29	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	23.25	23.34	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	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	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.87	23.03	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.82	22.92	22.74		
40	PI/2 BPSK	1	214	22.74	22.83	22.66		
40	PI/2 BPSK	108	0	22.43	22.54	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.89	23.03	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.35	22.29	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.47	22.31		
40	QPSK	1	1	23.11	23.15	23.02	24.0	0.0
40	QPSK	1	108	22.85	22.96	22.83		
40	QPSK	1	214	22.60	22.82	22.80		
40	QPSK	108	0	21.83	22.04	22.05	23.0	1.0
40	QPSK	108	54	22.93	23.08	23.02	24.0	0.0
40	QPSK	108	108	21.76	21.84	21.75	23.0	1.0
40	QPSK	216	0	21.84	21.93	21.89		
40	16QAM	1	1	21.82	21.79	21.63	23.0	1.0
40	64QAM	1	1	20.22	20.32	20.29	21.5	2.5
40	256QAM	1	1	18.89	18.93	18.92	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.93	23.03	22.94	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	22.92	23.05	22.88	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.99	23.04	22.94	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	22.92	22.99	22.91	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.95	23.04	22.89	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	22.98	22.97	22.92	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	23.41	23.38	23.26	24.0	0.0
40	PI/2 BPSK	1	53	23.48	23.54	23.54		
40	PI/2 BPSK	1	104	23.41	23.60	23.53		
40	PI/2 BPSK	50	0	22.93	22.96	22.91	23.5	0.5
40	PI/2 BPSK	50	28	23.29	23.51	23.34	24.0	0.0
40	PI/2 BPSK	50	56	23.11	23.12	23.10	23.5	0.5
40	PI/2 BPSK	100	0	22.89	23.02	22.80		
40	QPSK	1	1	23.59	23.68	23.64	24.0	0.0
40	QPSK	1	53	23.52	23.58	23.61		
40	QPSK	1	104	23.55	23.66	23.56		
40	QPSK	50	0	22.31	22.44	22.22	23.0	1.0
40	QPSK	50	28	23.36	23.52	23.36	24.0	0.0
40	QPSK	50	56	22.29	22.51	22.32	23.0	1.0
40	QPSK	100	0	22.41	22.48	22.29		
40	16QAM	1	1	21.98	22.08	22.04	23.0	1.0
40	64QAM	1	1	20.71	20.66	20.68	21.5	2.5
40	256QAM	1	1	19.18	19.23	19.10	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	23.53	23.63	23.60	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	23.52	23.58	23.55	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.48	23.55	23.58	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	23.52	23.56	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	23.49	23.62	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.57	23.67	23.60	24.0	0.0
100	PI/2 BPSK	1	137	23.50	23.69	23.62		
100	PI/2 BPSK	1	271	23.48	23.59	23.42		
100	PI/2 BPSK	135	0	22.86	23.05	22.83	23.5	0.5
100	PI/2 BPSK	135	69	23.49	23.67	23.45	24.0	0.0
100	PI/2 BPSK	135	138	23.16	23.16	22.95	23.5	0.5
100	PI/2 BPSK	270	0	23.00	23.21	23.23		
100	QPSK	1	1	23.63	23.71	23.69	24.0	0.0
100	QPSK	1	137	23.43	23.66	23.58		
100	QPSK	1	271	23.34	23.56	23.50		
100	QPSK	135	0	22.59	22.68	22.71	23.0	1.0
100	QPSK	135	69	23.63	23.65	23.53	24.0	0.0
100	QPSK	135	138	22.66	22.74	22.63	23.0	1.0
100	QPSK	270	0	22.55	22.69	22.67		
100	16QAM	1	1	22.61	22.58	22.46	23.0	1.0
100	64QAM	1	1	21.10	21.16	21.06	21.5	2.5
100	256QAM	1	1	19.18	19.25	19.16	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	23.48	23.58	23.52	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	23.49	23.58	23.55	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	23.55	23.55	23.55	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	23.60	23.59	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	23.52	23.59	23.59	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	23.52	23.61	23.60	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	23.48	23.55	23.51	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	23.55	23.61	23.52	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	23.52	23.59	23.60	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	23.54	23.59	23.60	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	23.51	23.65	23.60	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	23.56	23.59	23.59	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	23.62	23.52	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	23.50	23.53	23.39	24.5	0.0
100	PI/2 BPSK	1	137	23.28	23.46	23.28		
100	PI/2 BPSK	1	271	23.60	23.59	23.38		
100	PI/2 BPSK	135	0	23.45	23.56	23.41	24.5	0.0
100	PI/2 BPSK	135	69	23.42	23.59	23.40	24.5	0.0
100	PI/2 BPSK	135	138	23.56	23.61	23.42	24.5	0.0
100	PI/2 BPSK	270	0	23.52	23.63	23.58		
100	QPSK	1	1	23.73	23.75	23.61	24.5	0.0
100	QPSK	1	137	23.49	23.46	23.25		
100	QPSK	1	271	23.53	23.56	23.36		
100	QPSK	135	0	23.49	23.50	23.44	24.5	0.0
100	QPSK	135	69	23.46	23.67	23.50	24.5	0.0
100	QPSK	135	138	23.50	23.61	23.51	24.5	0.0
100	QPSK	270	0	23.40	23.55	23.41		
100	16QAM	1	1	23.27	23.34	23.19	24.5	0.0
100	64QAM	1	1	23.22	23.32	23.32	24.5	0.0
100	256QAM	1	1	22.43	22.48	22.55	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.19	23.20	23.07	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.20	23.21	22.99	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.20	23.13	22.98	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.12	23.22	23.03	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.11	23.19	22.99	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.14	23.20	23.00	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.13	23.13	23.07	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.15	23.15	23.03	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.16	23.21	23.03	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.14	23.15	23.00	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.20	23.01	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	26.42	26.46	26.40	27.5	0.0
100	PI/2 BPSK	1	137	26.35	26.39	26.34		
100	PI/2 BPSK	1	271	26.39	26.50	26.40		
100	PI/2 BPSK	135	0	25.81	26.01	25.88	27.0	0.5
100	PI/2 BPSK	135	69	26.39	26.49	26.43	27.5	0.0
100	PI/2 BPSK	135	138	25.77	25.99	25.88	27.0	0.5
100	PI/2 BPSK	270	0	25.90	25.98	25.97		
100	QPSK	1	1	26.52	26.58	26.44	27.5	0.0
100	QPSK	1	137	26.29	26.37	26.27		
100	QPSK	1	271	26.30	26.41	26.37		
100	QPSK	135	0	25.33	25.51	25.43	26.5	1.0
100	QPSK	135	69	26.45	26.53	26.40	27.5	0.0
100	QPSK	135	138	25.54	25.55	25.50	26.5	1.0
100	QPSK	270	0	25.40	25.61	25.58		
100	16QAM	1	1	25.50	25.57	25.51	26.5	1.0
100	64QAM	1	1	24.07	24.07	24.05	25.0	2.5
100	256QAM	1	1	22.08	22.08	22.16	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.98	26.00	25.84	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.95	25.98	25.84	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.92	25.96	25.85	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.96	26.01	25.88	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.89	25.97	25.85	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.02	25.86	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.92	26.02	25.86	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.94	26.01	25.90	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.97	26.05	25.85	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.95	26.05	25.90	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.90	25.95	25.91	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.97		24.5	0.0
100	PI/2 BPSK	1	137		23.79			
100	PI/2 BPSK	1	271		23.78			
100	PI/2 BPSK	135	0		23.86		24.5	0.0
100	PI/2 BPSK	135	69		23.91		24.5	0.0
100	PI/2 BPSK	135	138		23.78		24.5	0.0
100	PI/2 BPSK	270	0		23.93			
100	QPSK	1	1		23.98		24.5	0.0
100	QPSK	1	137		23.78			
100	QPSK	1	271		23.77			
100	QPSK	135	0		23.84		24.5	0.0
100	QPSK	135	69		23.93		24.5	0.0
100	QPSK	135	138		23.77		24.5	0.0
100	QPSK	270	0		23.89			
100	16QAM	1	1		23.73		24.5	0.0
100	64QAM	1	1		23.74		24.5	0.0
100	256QAM	1	1		22.86		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.13	23.22	23.06	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.17	23.15	23.03	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.19	23.22	23.07	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.13	23.16	23.02	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.11	23.13	23.01	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.13	23.15	22.99	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.16	23.18	23.05	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.11	23.13	22.99	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.19	23.15	23.05	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.18	23.22	23.08	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.20	23.20	22.99	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.70		27.5	0.0
100	PI/2 BPSK	1	137		26.81			
100	PI/2 BPSK	1	271		26.66			
100	PI/2 BPSK	135	0		26.49		27.0	0.5
100	PI/2 BPSK	135	69		26.79		27.5	0.0
100	PI/2 BPSK	135	138		26.18		27.0	0.5
100	PI/2 BPSK	270	0		26.38			
100	QPSK	1	1		26.83		27.5	0.0
100	QPSK	1	137		26.67			
100	QPSK	1	271		26.63			
100	QPSK	135	0		25.96		26.5	1.0
100	QPSK	135	69		26.73		27.5	0.0
100	QPSK	135	138		25.66		26.5	1.0
100	QPSK	270	0		25.88			
100	16QAM	1	1		26.06		26.5	1.0
100	64QAM	1	1		24.51		25.0	2.5
100	256QAM	1	1		22.41		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.98	25.98	25.83	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.91	25.97	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.95	25.98	25.89	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.92	25.99	25.90	27.5	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	26.01	25.83	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.90	26.03	25.84	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.94	26.03	25.90	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.90	25.99	25.84	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.98	26.03	25.85	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.93	25.99	25.85	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	25.98	25.82	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.54	23.64	23.62	24.5	0.0
100	PI/2 BPSK	1	137	23.65	23.65	23.43		
100	PI/2 BPSK	1	271	23.51	23.56	23.33		
100	PI/2 BPSK	135	0	23.75	23.74	23.73	24.5	0.0
100	PI/2 BPSK	135	69	23.56	23.68	23.51	24.5	0.0
100	PI/2 BPSK	135	138	23.49	23.62	23.63	24.5	0.0
100	PI/2 BPSK	270	0	23.49	23.64	23.63		
100	QPSK	1	1	23.72	23.76	23.56	24.5	0.0
100	QPSK	1	137	23.40	23.62	23.65		
100	QPSK	1	271	23.58	23.56	23.50		
100	QPSK	135	0	23.49	23.68	23.54	24.5	0.0
100	QPSK	135	69	23.69	23.74	23.67	24.5	0.0
100	QPSK	135	138	23.66	23.65	23.54	24.5	0.0
100	QPSK	270	0	23.46	23.68	23.56		
100	16QAM	1	1	23.27	23.38	23.33	24.5	0.0
100	64QAM	1	1	23.16	23.33	23.28	24.5	0.0
100	256QAM	1	1	22.32	22.43	22.48	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.19	23.01	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.11	23.15	22.95	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.16	23.22	23.01	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.13	23.18	22.95	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.19	23.15	22.95	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.15	23.17	22.99	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.10	23.16	23.00	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.16	23.22	22.94	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.09	23.17	23.02	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.18	23.22	23.02	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.22	22.99	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	26.57	26.76	26.70	27.5	0.0
100	PI/2 BPSK	1	137	26.65	26.74	26.58		
100	PI/2 BPSK	1	271	26.65	26.65	26.53		
100	PI/2 BPSK	135	0	26.02	26.19	26.16	27.0	0.5
100	PI/2 BPSK	135	69	26.62	26.60	26.48	27.5	0.0
100	PI/2 BPSK	135	138	26.05	26.08	26.09	27.0	0.5
100	PI/2 BPSK	270	0	25.90	26.10	25.97		
100	QPSK	1	1	26.72	26.84	26.76	27.5	0.0
100	QPSK	1	137	26.51	26.68	26.49		
100	QPSK	1	271	26.32	26.54	26.43		
100	QPSK	135	0	25.61	25.58	25.43	26.5	1.0
100	QPSK	135	69	26.67	26.79	26.67	27.5	0.0
100	QPSK	135	138	25.21	25.43	25.45	26.5	1.0
100	QPSK	270	0	25.53	25.64	25.55		
100	16QAM	1	1	25.55	25.57	25.43	26.5	1.0
100	64QAM	1	1	23.94	24.05	23.92	25.0	2.5
100	256QAM	1	1	22.37	22.42	22.34	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.99	26.03	25.90	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.94	25.97	25.88	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.98	25.98	25.82	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.97	25.97	25.83	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.96	25.95	25.84	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.99	25.95	25.90	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.90	26.01	25.88	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.97	26.02	25.84	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.96	26.02	25.84	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.98	26.05	25.85	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.90	25.97	25.88	27.5	0.0

Part27O n78 Ant4

BW [MHz]	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		24.06		24.5	0.0
100	PI/2 BPSK	1	137		23.89			
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.98		24.5	0.0
100	PI/2 BPSK	135	69		23.92		24.5	0.0
100	PI/2 BPSK	135	138		23.84		24.5	0.0
100	PI/2 BPSK	270	0		23.98			
100	QPSK	1	1		24.08		24.5	0.0
100	QPSK	1	137		23.84			
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.97		24.5	0.0
100	QPSK	135	69		23.99		24.5	0.0
100	QPSK	135	138		23.83		24.5	0.0
100	QPSK	270	0		23.97			
100	16QAM	1	1		23.71		24.5	0.0
100	64QAM	1	1		23.70		24.5	0.0
100	256QAM	1	1		22.74		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.19	23.20	23.00	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.13	23.16	22.96	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.12	23.18	22.95	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.11	23.23	23.00	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.19	23.17	23.01	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.17	23.14	23.03	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.19	23.23	22.95	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.17	23.14	22.98	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.18	23.22	23.02	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.17	23.15	22.97	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.16	23.22	23.01	24.5	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		26.96		27.5	0.0
100	PI/2 BPSK	1	137		26.90			
100	PI/2 BPSK	1	271		26.91			
100	PI/2 BPSK	135	0		26.47		27.0	0.5
100	PI/2 BPSK	135	69		27.00		27.5	0.0
100	PI/2 BPSK	135	138		26.38		27.0	0.5
100	PI/2 BPSK	270	0		26.44			
100	QPSK	1	1		27.03		27.5	0.0
100	QPSK	1	137		26.94			
100	QPSK	1	271		26.96			
100	QPSK	135	0		25.95		26.5	1.0
100	QPSK	135	69		26.96		27.5	0.0
100	QPSK	135	138		25.74		26.5	1.0
100	QPSK	270	0		25.82			
100	16QAM	1	1		25.92		26.5	1.0
100	64QAM	1	1		24.48		25.0	2.5
100	256QAM	1	1		22.51		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.91	26.04	25.85	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.96	25.97	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.96	26.05	25.84	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.95	25.95	25.86	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.95	26.02	25.91	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.97	25.99	25.81	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.91	26.01	25.91	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.98	26.04	25.90	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.89	26.02	25.89	27.5	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	26.03	25.88	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	26.03	25.87	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.65	22.74	22.52	24.5	0.0
100	PI/2 BPSK	1	137	22.64	22.69	22.73		
100	PI/2 BPSK	1	271	22.59	22.65	22.67		
100	PI/2 BPSK	135	0	22.64	22.67	22.61	24.5	0.0
100	PI/2 BPSK	135	69	22.69	22.63	22.52	24.5	0.0
100	PI/2 BPSK	135	138	22.61	22.51	22.59	24.5	0.0
100	PI/2 BPSK	270	0	22.55	22.62	22.56		
100	QPSK	1	1	22.83	22.85	22.77	24.5	0.0
100	QPSK	1	137	22.63	22.66	22.71		
100	QPSK	1	271	22.53	22.51	22.52		
100	QPSK	135	0	22.68	22.71	22.52	24.5	0.0
100	QPSK	135	69	22.67	22.76	22.63	24.5	0.0
100	QPSK	135	138	22.64	22.52	22.59	24.5	0.0
100	QPSK	270	0	22.63	22.71	22.53		
100	16QAM	1	1	22.58	22.51	22.56	24.5	0.0
100	64QAM	1	1	22.59	22.56	22.64	24.5	0.0
100	256QAM	1	1	21.59	21.65	21.63	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.72	22.81	22.70	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.72	22.79	22.70	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.71	22.79	22.68	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.78	22.73	22.66	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.77	22.81	22.65	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.71	22.74	22.67	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.70	22.73	22.66	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.74	22.78	22.65	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.79	22.80	22.67	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.70	22.72	22.69	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.73	22.76	22.69	24.5	0.0

Part27O n77 PC2 Ant8

BW [MHz]	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	25.54	25.67	25.55	27.5	0.0
100	PI/2 BPSK	1	137	25.67	25.51	25.68		
100	PI/2 BPSK	1	271	25.57	25.59	25.60		
100	PI/2 BPSK	135	0	25.19	25.16	25.15	27.0	0.5
100	PI/2 BPSK	135	69	25.52	25.56	25.68	27.5	0.0
100	PI/2 BPSK	135	138	25.28	25.38	25.29	27.0	0.5
100	PI/2 BPSK	270	0	25.36	25.01	25.01		
100	QPSK	1	1	25.61	25.73	25.68	27.5	0.0
100	QPSK	1	137	25.69	25.68	25.57		
100	QPSK	1	271	25.59	25.69	25.65		
100	QPSK	135	0	24.57	24.63	24.69	26.5	1.0
100	QPSK	135	69	25.63	25.69	25.58	27.5	0.0
100	QPSK	135	138	24.75	24.73	24.64	26.5	1.0
100	QPSK	270	0	24.65	24.83	24.81		
100	16QAM	1	1	24.60	24.62	24.51	26.5	1.0
100	64QAM	1	1	23.33	23.25	23.14	25.0	2.5
100	256QAM	1	1	21.24	21.13	21.03	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.52	25.62	25.62	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.52	25.61	25.61	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.56	25.67	25.59	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.52	25.70	25.59	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.52	25.69	25.64	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.52	25.63	25.56	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.52	25.63	25.62	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.57	25.68	25.59	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.51	25.61	25.62	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.58	25.68	25.61	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.51	25.62	25.59	27.5	0.0

Part27O n78 Ant8

BW [MHz]	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		23.06		24.5	0.0
100	PI/2 BPSK	1	137		22.92			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		23.09		24.5	0.0
100	PI/2 BPSK	135	69		23.00		24.5	0.0
100	PI/2 BPSK	135	138		23.03		24.5	0.0
100	PI/2 BPSK	270	0		23.04			
100	QPSK	1	1		23.10		24.5	0.0
100	QPSK	1	137		22.91			
100	QPSK	1	271		22.96			
100	QPSK	135	0		23.05		24.5	0.0
100	QPSK	135	69		23.07		24.5	0.0
100	QPSK	135	138		23.03		24.5	0.0
100	QPSK	270	0		23.04			
100	16QAM	1	1		22.79		24.5	0.0
100	64QAM	1	1		22.84		24.5	0.0
100	256QAM	1	1		21.82		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.76	22.73	22.71	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.77	22.75	22.74	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.75	22.75	22.72	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.71	22.77	22.72	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.77	22.74	22.70	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.72	22.80	22.65	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.74	22.77	22.70	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.73	22.76	22.66	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.79	22.74	22.72	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.73	22.75	22.66	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.74	22.81	22.72	24.5	0.0

Part27O n78 PC2 Ant8								
BW [MHz]	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		25.90		27.5	0.0
100	PI/2 BPSK	1	137		25.94			
100	PI/2 BPSK	1	271		25.90			
100	PI/2 BPSK	135	0		25.53		27.0	0.5
100	PI/2 BPSK	135	69		25.84		27.5	0.0
100	PI/2 BPSK	135	138		25.49		27.0	0.5
100	PI/2 BPSK	270	0		25.54			
100	QPSK	1	1		25.96		27.5	0.0
100	QPSK	1	137		25.82			
100	QPSK	1	271		25.81			
100	QPSK	135	0		25.02		26.5	1.0
100	QPSK	135	69		25.93		27.5	0.0
100	QPSK	135	138		24.99		26.5	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		25.11		26.5	1.0
100	64QAM	1	1		23.57		25.0	2.5
100	256QAM	1	1		21.69		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.51	25.69	25.58	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.55	25.65	25.64	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.56	25.65	25.57	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.54	25.60	25.55	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.52	25.67	25.62	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.57	25.62	25.65	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.57	25.70	25.64	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.53	25.65	25.64	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.57	25.68	25.57	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.55	25.68	25.57	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.57	25.62	25.57	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.00	23.05	23.05	24.5	0.0
100	PI/2 BPSK	1	137	22.85	22.86	22.69		
100	PI/2 BPSK	1	271	22.80	22.84	22.83		
100	PI/2 BPSK	135	0	22.90	23.05	22.82	24.5	0.0
100	PI/2 BPSK	135	69	22.78	22.94	22.96	24.5	0.0
100	PI/2 BPSK	135	138	22.82	22.92	22.79	24.5	0.0
100	PI/2 BPSK	270	0	22.84	22.95	22.97		
100	QPSK	1	1	23.13	23.17	23.14	24.5	0.0
100	QPSK	1	137	22.64	22.86	22.81		
100	QPSK	1	271	22.66	22.88	22.70		
100	QPSK	135	0	23.05	23.04	23.05	24.5	0.0
100	QPSK	135	69	23.12	23.14	23.07	24.5	0.0
100	QPSK	135	138	22.85	22.88	22.82	24.5	0.0
100	QPSK	270	0	22.97	23.09	23.05		
100	16QAM	1	1	22.65	22.76	22.77	24.5	0.0
100	64QAM	1	1	22.79	22.82	22.82	24.5	0.0
100	256QAM	1	1	21.76	21.88	21.74	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.55	22.61	22.60	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.58	22.56	22.52	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.60	22.54	22.61	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.59	22.62	22.57	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.53	22.62	22.60	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.52	22.61	22.53	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.55	22.64	22.52	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.53	22.60	22.59	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.60	22.57	22.55	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.58	22.62	22.55	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.57	22.58	22.61	24.5	0.0

Part27O n77 PC2 Ant10

BW [MHz]	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	26.01	26.02	25.82	27.5	0.0
100	PI/2 BPSK	1	137	25.64	25.87	25.90		
100	PI/2 BPSK	1	271	25.74	25.90	25.89		
100	PI/2 BPSK	135	0	25.28	25.40	25.36	27.0	0.5
100	PI/2 BPSK	135	69	25.76	25.84	25.74	27.5	0.0
100	PI/2 BPSK	135	138	25.29	25.26	25.19	27.0	0.5
100	PI/2 BPSK	270	0	25.36	25.37	25.37		
100	QPSK	1	1	26.03	26.07	25.86	27.5	0.0
100	QPSK	1	137	25.65	25.73	25.66		
100	QPSK	1	271	25.53	25.72	25.81		
100	QPSK	135	0	24.91	24.91	24.80	26.5	1.0
100	QPSK	135	69	25.85	25.92	25.73	27.5	0.0
100	QPSK	135	138	24.69	24.72	24.64	26.5	1.0
100	QPSK	270	0	24.75	24.93	24.89		
100	16QAM	1	1	25.11	25.03	25.05	26.5	1.0
100	64QAM	1	1	23.51	23.53	23.44	25.0	2.5
100	256QAM	1	1	21.80	21.77	21.70	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.58	25.70	25.57	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.51	25.62	25.56	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.54	25.70	25.64	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.56	25.65	25.55	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.53	25.66	25.61	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.56	25.62	25.58	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.54	25.60	25.64	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.58	25.62	25.61	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.51	25.63	25.63	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.55	25.61	25.58	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.53	25.62	25.55	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.41		24.5	0.0
100	PI/2 BPSK	1	137		23.43			
100	PI/2 BPSK	1	271		23.44			
100	PI/2 BPSK	135	0		23.32		24.5	0.0
100	PI/2 BPSK	135	69		23.45		24.5	0.0
100	PI/2 BPSK	135	138		23.43		24.5	0.0
100	PI/2 BPSK	270	0		23.39			
100	QPSK	1	1		23.48		24.5	0.0
100	QPSK	1	137		23.37			
100	QPSK	1	271		23.38			
100	QPSK	135	0		23.41		24.5	0.0
100	QPSK	135	69		23.45		24.5	0.0
100	QPSK	135	138		23.38		24.5	0.0
100	QPSK	270	0		23.42			
100	16QAM	1	1		23.13		24.5	0.0
100	64QAM	1	1		23.17		24.5	0.0
100	256QAM	1	1		22.23		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.51	22.56	22.52	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.56	22.64	22.54	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.54	22.62	22.57	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.01	23.06	23.02	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.55	22.57	22.53	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.55	22.61	22.60	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.59	22.61	22.55	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.57	22.64	22.57	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.54	22.61	22.51	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.51	22.58	22.52	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.54	22.61	22.55	24.5	0.0

Part27O n78 PC2 Ant10								
BW [MHz]	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		26.44		27.5	0.0
100	PI/2 BPSK	1	137		26.56			
100	PI/2 BPSK	1	271		26.47			
100	PI/2 BPSK	135	0		26.02		27.0	0.5
100	PI/2 BPSK	135	69		26.46		27.5	0.0
100	PI/2 BPSK	135	138		25.86		27.0	0.5
100	PI/2 BPSK	270	0		25.94			
100	QPSK	1	1		26.57		27.5	0.0
100	QPSK	1	137		26.36			
100	QPSK	1	271		26.34			
100	QPSK	135	0		25.38		26.5	1.0
100	QPSK	135	69		26.48		27.5	0.0
100	QPSK	135	138		25.29		26.5	1.0
100	QPSK	270	0		25.44			
100	16QAM	1	1		25.31		26.5	1.0
100	64QAM	1	1		23.93		25.0	2.5
100	256QAM	1	1		22.04		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.52	25.62	25.55	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.51	25.62	25.56	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.51	25.65	25.56	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.52	25.65	25.61	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.56	25.62	25.65	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.52	25.65	25.56	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.51	25.69	25.60	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.54	25.60	25.62	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.52	25.67	25.62	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.56	25.68	25.62	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.56	25.69	25.55	27.5	0.0

Reduced Power Mode for ECI2

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BW [MHz]	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	22.49	22.59	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.69	22.55		
20	PI/2 BPSK	1	104	22.56	22.64	22.54		
20	PI/2 BPSK	50	0	22.17	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.72	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.22	22.22	22.13	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.23	22.07		
20	QPSK	1	1	22.71	22.75	22.62	24.0	0.0
20	QPSK	1	53	22.51	22.71	22.59		
20	QPSK	1	104	22.48	22.65	22.65		
20	QPSK	50	0	21.63	21.70	21.65	23.0	1.0
20	QPSK	50	28	22.55	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.66	23.0	1.0
20	QPSK	100	0	21.56	21.71	21.69		
20	16QAM	1	1	21.17	21.33	21.18	23.0	1.0
20	64QAM	1	1	19.96	19.93	19.83	21.5	2.5
20	256QAM	1	1	18.57	18.61	18.44	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	22.51	22.61	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.43	22.63	22.57	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	22.44	22.69	22.54	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.69	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.52	22.70	22.69		
20	PI/2 BPSK	1	104	22.60	22.66	22.47		
20	PI/2 BPSK	50	0	22.19	22.26	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.74	22.78	22.69	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.25	22.08	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.25	22.22		
20	QPSK	1	1	22.74	22.80	22.76	24.0	0.0
20	QPSK	1	53	22.50	22.71	22.68		
20	QPSK	1	104	22.50	22.70	22.49		
20	QPSK	50	0	21.72	21.74	21.75	23.0	1.0
20	QPSK	50	28	22.66	22.77	22.58	24.0	0.0
20	QPSK	50	56	21.58	21.73	21.59	23.0	1.0
20	QPSK	100	0	21.59	21.73	21.65		
20	16QAM	1	1	21.35	21.46	21.47	23.0	1.0
20	64QAM	1	1	19.90	20.05	20.06	21.5	2.5
20	256QAM	1	1	18.67	18.68	18.52	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	22.46	22.65	22.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.69	22.52	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	22.48	22.60	22.52	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.83	23.00	22.90	24.0	0.0
20	PI/2 BPSK	1	53	22.86	23.09	22.96		
20	PI/2 BPSK	1	104	23.02	23.01	22.97		
20	PI/2 BPSK	50	0	22.55	22.56	22.55	23.5	0.5
20	PI/2 BPSK	50	28	23.13	23.11	23.10	24.0	0.0
20	PI/2 BPSK	50	56	22.57	22.60	22.48	23.5	0.5
20	PI/2 BPSK	100	0	22.36	22.56	22.53		
20	QPSK	1	1	23.08	23.14	23.01	24.0	0.0
20	QPSK	1	53	22.94	23.04	22.92		
20	QPSK	1	104	22.99	23.01	23.00		
20	QPSK	50	0	21.97	22.05	21.97	23.0	1.0
20	QPSK	50	28	23.02	23.10	23.08	24.0	0.0
20	QPSK	50	56	22.10	22.10	21.89	23.0	1.0
20	QPSK	100	0	22.02	22.06	22.04		
20	16QAM	1	1	21.63	21.75	21.58	23.0	1.0
20	64QAM	1	1	20.40	20.46	20.39	21.5	2.5
20	256QAM	1	1	18.96	19.02	19.09	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.43	22.67	22.57	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.43	22.64	22.58	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	22.52	22.61	22.52	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	22.26	22.33	22.32	24.0	0.0
40	PI/2 BPSK	1	53	22.45	22.45	22.45		
40	PI/2 BPSK	1	104	22.67	22.73	22.65		
40	PI/2 BPSK	50	0	21.83	21.88	21.84	23.5	0.5
40	PI/2 BPSK	50	28	22.31	22.49	22.36	24.0	0.0
40	PI/2 BPSK	50	56	21.94	22.05	22.02	23.5	0.5
40	PI/2 BPSK	100	0	21.94	22.01	21.99		
40	QPSK	1	1	22.66	22.75	22.63	24.0	0.0
40	QPSK	1	53	22.55	22.62	22.53		
40	QPSK	1	104	22.53	22.65	22.50		
40	QPSK	50	0	21.24	21.39	21.18	23.0	1.0
40	QPSK	50	28	22.41	22.47	22.27	24.0	0.0
40	QPSK	50	56	21.41	21.46	21.27	23.0	1.0
40	QPSK	100	0	21.43	21.47	21.37		
40	16QAM	1	1	21.07	21.07	21.12	23.0	1.0
40	64QAM	1	1	19.65	19.64	19.62	21.5	2.5
40	256QAM	1	1	18.15	18.26	18.22	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	22.55	22.64	22.55	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	22.55	22.65	22.57	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.66	22.55	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	22.54	22.67	22.55	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	22.53	22.65	22.56	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	22.43	22.59	22.58	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.66	22.62		
100	PI/2 BPSK	1	271	22.46	22.47	22.33		
100	PI/2 BPSK	135	0	22.26	22.39	22.26	23.5	0.5
100	PI/2 BPSK	135	69	22.70	22.69	22.68	24.0	0.0
100	PI/2 BPSK	135	138	22.43	22.50	22.51	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.57	22.48		
100	QPSK	1	1	22.66	22.77	22.55	24.0	0.0
100	QPSK	1	137	22.42	22.62	22.54		
100	QPSK	1	271	22.45	22.46	22.38		
100	QPSK	135	0	22.26	22.39	22.32	23.0	1.0
100	QPSK	135	69	22.48	22.68	22.66	24.0	0.0
100	QPSK	135	138	22.41	22.48	22.44	23.0	1.0
100	QPSK	270	0	22.39	22.46	22.37		
100	16QAM	1	1	22.24	22.31	22.30	23.0	1.0
100	64QAM	1	1	21.24	21.20	21.12	21.5	2.5
100	256QAM	1	1	18.11	18.11	18.10	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	22.44	22.65	22.52	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	22.51	22.62	22.61	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	22.48	22.66	22.56	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	22.48	22.64	22.60	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	22.43	22.64	22.55	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	22.45	22.70	22.55	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	22.48	22.67	22.56	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	22.44	22.66	22.58	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	22.49	22.67	22.54	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	22.52	22.67	22.55	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	22.44	22.62	22.56	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	22.42	22.67	22.58	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	22.49	22.68	22.56	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	15.06	15.17	15.07	16.3	0.0
40	PI/2 BPSK	1	108	15.15	15.15	15.03		
40	PI/2 BPSK	1	214	15.07	15.13	15.08		
40	PI/2 BPSK	108	0	15.16	15.11	15.05	16.3	0.0
40	PI/2 BPSK	108	54	15.07	15.17	15.11	16.3	0.0
40	PI/2 BPSK	108	108	15.12	15.22	15.09	16.3	0.0
40	PI/2 BPSK	216	0	15.09	15.21	15.08		
40	QPSK	1	1	15.17	15.29	15.09	16.3	0.0
40	QPSK	1	108	15.10	15.20	15.12		
40	QPSK	1	214	15.17	15.13	15.12		
40	QPSK	108	0	15.09	15.19	15.06	16.3	0.0
40	QPSK	108	54	15.09	15.21	15.14	16.3	0.0
40	QPSK	108	108	15.17	15.12	15.13	16.3	0.0
40	QPSK	216	0	15.15	15.18	15.04		
40	16QAM	1	1	15.17	15.18	15.04	16.3	0.0
40	64QAM	1	1	15.06	15.20	15.09	16.3	0.0
40	256QAM	1	1	15.14	15.15	15.09	16.3	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	15.16	15.18	15.10	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	15.17	15.20	15.08	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	15.05	15.16	15.17	16.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	15.06	15.23	15.10	16.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.05	15.13	15.09	16.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.04	15.19	15.13	16.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.06	15.18	15.01	16.3	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.62	21.78	21.68	23.2	0.0
20	PI/2 BPSK	1	53	21.66	21.90	21.91		
20	PI/2 BPSK	1	104	21.76	21.86	21.69		
20	PI/2 BPSK	50	0	21.80	21.87	21.73	23.2	0.0
20	PI/2 BPSK	50	28	21.75	21.77	21.67	23.2	0.0
20	PI/2 BPSK	50	56	21.67	21.81	21.88	23.2	0.0
20	PI/2 BPSK	100	0	21.78	21.71	21.63		
20	QPSK	1	1	21.69	21.97	21.61	23.2	0.0
20	QPSK	1	53	21.72	21.77	21.79		
20	QPSK	1	104	21.83	21.72	21.66		
20	QPSK	50	0	21.28	21.37	21.39	22.7	0.5
20	QPSK	50	28	21.63	21.76	21.61	23.2	0.0
20	QPSK	50	56	21.40	21.38	21.25	22.7	0.5
20	QPSK	100	0	21.36	21.39	21.34		
20	16QAM	1	1	21.39	21.44	21.46	22.7	0.5
20	64QAM	1	1	19.67	19.60	19.72	21.2	2.0
20	256QAM	1	1	18.31	18.26	18.11	19.2	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.72	21.74	21.71	23.2	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.65	21.78	21.75	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.66	21.79	21.72	23.2	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	16.68	16.68	16.71	18.1	0.0
50	PI/2 BPSK	1	135	16.77	16.73	16.66		
50	PI/2 BPSK	1	268	16.69	16.72	16.71		
50	PI/2 BPSK	135	0	16.75	16.78	16.68	18.1	0.0
50	PI/2 BPSK	135	68	16.71	16.76	16.71	18.1	0.0
50	PI/2 BPSK	135	135	16.77	16.76	16.70	18.1	0.0
50	PI/2 BPSK	270	0	16.76	16.73	16.68		
50	QPSK	1	1	16.78	16.91	16.64	18.1	0.0
50	QPSK	1	135	16.67	16.70	16.70		
50	QPSK	1	268	16.70	16.82	16.62		
50	QPSK	135	0	16.74	16.73	16.73	18.1	0.0
50	QPSK	135	68	16.74	16.83	16.67	18.1	0.0
50	QPSK	135	135	16.69	16.80	16.74	18.1	0.0
50	QPSK	270	0	16.72	16.76	16.65		
50	16QAM	1	1	16.78	16.71	16.69	18.1	0.0
50	64QAM	1	1	16.75	16.75	16.68	18.1	0.0
50	256QAM	1	1	16.69	16.82	16.63	18.1	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.67	16.70	16.61	18.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.78	16.76	16.73	18.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.73	16.71	16.62	18.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.69	16.79	16.74	18.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.65	16.69	16.71	18.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.70	16.79	16.66	18.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.73	16.71	16.63	18.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.68	16.68	16.61	18.1	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.71	21.85	21.77	23.2	0.0
20	PI/2 BPSK	1	53	21.73	21.94	22.03		
20	PI/2 BPSK	1	104	21.77	21.90	21.71		
20	PI/2 BPSK	50	0	21.90	21.98	21.80	23.2	0.0
20	PI/2 BPSK	50	28	21.85	21.88	21.68	23.2	0.0
20	PI/2 BPSK	50	56	21.79	21.84	21.97	23.2	0.0
20	PI/2 BPSK	100	0	21.87	21.76	21.61		
20	QPSK	1	1	21.72	22.09	21.59	23.2	0.0
20	QPSK	1	53	21.80	21.80	21.85		
20	QPSK	1	104	21.94	21.84	21.70		
20	QPSK	50	0	21.39	21.49	21.40	22.7	0.5
20	QPSK	50	28	21.67	21.76	21.68	23.2	0.0
20	QPSK	50	56	21.46	21.42	21.29	22.7	0.5
20	QPSK	100	0	21.36	21.42	21.33		
20	16QAM	1	1	21.48	21.47	21.47	22.7	0.5
20	64QAM	1	1	19.77	19.58	19.84	21.2	2.0
20	256QAM	1	1	18.41	18.37	18.18	19.2	4.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.74	21.86	21.83	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.78	21.89	21.84	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.84	21.78	21.80	23.2	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.66	16.76	16.62	18.0	0.0
40	PI/2 BPSK	1	108	16.61	16.78	16.71		
40	PI/2 BPSK	1	214	16.65	16.68	16.60		
40	PI/2 BPSK	108	0	16.56	16.73	16.70	18.0	0.0
40	PI/2 BPSK	108	54	16.61	16.75	16.70	18.0	0.0
40	PI/2 BPSK	108	108	16.61	16.68	16.71	18.0	0.0
40	PI/2 BPSK	216	0	16.70	16.68	16.59		
40	QPSK	1	1	16.56	16.79	16.60	18.0	0.0
40	QPSK	1	108	16.71	16.65	16.68		
40	QPSK	1	214	16.55	16.69	16.60		
40	QPSK	108	0	16.63	16.64	16.72	18.0	0.0
40	QPSK	108	54	16.62	16.76	16.71	18.0	0.0
40	QPSK	108	108	16.56	16.71	16.62	18.0	0.0
40	QPSK	216	0	16.63	16.73	16.72		
40	16QAM	1	1	16.57	16.74	16.65	18.0	0.0
40	64QAM	1	1	16.60	16.68	16.68	18.0	0.0
40	256QAM	1	1	16.70	16.75	16.63	18.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.59	16.69	16.73	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.61	16.78	16.71	18.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.62	16.75	16.59	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.68	16.64	16.61	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.55	16.68	16.72	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.62	16.69	16.59	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.61	16.76	16.66	18.0	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.36	22.51	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.47	22.60	22.47		
20	PI/2 BPSK	1	104	22.49	22.51	22.46		
20	PI/2 BPSK	50	0	21.96	22.06	21.97	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.52	22.50	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.12	21.92	23.5	0.5
20	PI/2 BPSK	100	0	22.10	22.07	22.05		
20	QPSK	1	1	22.55	22.62	22.50	24.0	0.0
20	QPSK	1	53	22.44	22.59	22.42		
20	QPSK	1	104	22.38	22.50	22.36		
20	QPSK	50	0	21.51	21.54	21.47	23.0	1.0
20	QPSK	50	28	22.53	22.58	22.51	24.0	0.0
20	QPSK	50	56	21.45	21.61	21.53	23.0	1.0
20	QPSK	100	0	21.45	21.57	21.44		
20	16QAM	1	1	21.20	21.25	21.08	23.0	1.0
20	64QAM	1	1	19.91	19.97	19.88	21.5	2.5
20	256QAM	1	1	18.58	18.52	18.42	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.09	22.15	22.05	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.14	22.20	22.06	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	22.08	22.13	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.45	17.40	17.40	19.3	0.0
40	PI/2 BPSK	1	53	17.39	17.35	17.49		
40	PI/2 BPSK	1	104	17.40	17.36	17.42		
40	PI/2 BPSK	50	0	17.40	17.43	17.42	19.3	0.0
40	PI/2 BPSK	50	28	17.43	17.43	17.48	19.3	0.0
40	PI/2 BPSK	50	56	17.40	17.38	17.32	19.3	0.0
40	PI/2 BPSK	100	0	17.41	17.33	17.46		
40	QPSK	1	1	17.49	17.49	17.32	19.3	0.0
40	QPSK	1	53	17.48	17.39	17.33		
40	QPSK	1	104	17.31	17.39	17.32		
40	QPSK	50	0	17.42	17.33	17.42	19.3	0.0
40	QPSK	50	28	17.40	17.47	17.41	19.3	0.0
40	QPSK	50	56	17.38	17.46	17.34	19.3	0.0
40	QPSK	100	0	17.34	17.45	17.42		
40	16QAM	1	1	17.31	17.36	17.32	19.3	0.0
40	64QAM	1	1	17.38	17.42	17.42	19.3	0.0
40	256QAM	1	1	17.48	17.41	17.40	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	17.37	17.39	17.33	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	17.32	17.45	17.43	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.47	17.47	17.45	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	17.47	17.42	17.33	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	17.49	17.45	17.32	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	17.88	17.96	17.88	19.3	0.0
100	PI/2 BPSK	1	137	17.76	17.91	17.83		
100	PI/2 BPSK	1	271	17.88	17.91	17.85		
100	PI/2 BPSK	135	0	17.78	17.90	17.86	19.3	0.0
100	PI/2 BPSK	135	69	17.82	18.00	17.93	19.3	0.0
100	PI/2 BPSK	135	138	17.78	17.99	17.98	19.3	0.0
100	PI/2 BPSK	270	0	17.77	17.90	17.93		
100	QPSK	1	1	17.78	18.01	17.87	19.3	0.0
100	QPSK	1	137	17.87	17.93	17.88		
100	QPSK	1	271	17.87	17.98	17.85		
100	QPSK	135	0	17.81	17.97	17.91	19.3	0.0
100	QPSK	135	69	17.81	17.99	17.86	19.3	0.0
100	QPSK	135	138	17.80	17.95	17.92	19.3	0.0
100	QPSK	270	0	17.86	17.89	17.85		
100	16QAM	1	1	17.78	17.89	17.89	19.3	0.0
100	64QAM	1	1	17.89	18.00	17.83	19.3	0.0
100	256QAM	1	1	17.78	17.98	17.93	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	17.85	17.93	17.98	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	17.77	17.93	17.87	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	17.82	18.00	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	17.79	17.99	17.98	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	17.77	17.98	17.88	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	17.88	17.96	17.90	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	17.84	17.95	17.88	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	17.78	18.00	17.94	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	17.77	17.89	17.91	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	17.92	17.98	17.90	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.81	17.97	17.95	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	17.90	17.92	17.94	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	17.78	18.00	17.94	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	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	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.87	23.03	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.82	22.92	22.74		
40	PI/2 BPSK	1	214	22.74	22.83	22.66		
40	PI/2 BPSK	108	0	22.43	22.54	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.89	23.03	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.35	22.29	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.47	22.31		
40	QPSK	1	1	23.11	23.15	23.02	24.0	0.0
40	QPSK	1	108	22.85	22.96	22.83		
40	QPSK	1	214	22.60	22.82	22.80		
40	QPSK	108	0	21.83	22.04	22.05	23.0	1.0
40	QPSK	108	54	22.93	23.08	23.02	24.0	0.0
40	QPSK	108	108	21.76	21.84	21.75	23.0	1.0
40	QPSK	216	0	21.84	21.93	21.89		
40	16QAM	1	1	21.82	21.79	21.63	23.0	1.0
40	64QAM	1	1	20.22	20.32	20.29	21.5	2.5
40	256QAM	1	1	18.89	18.93	18.92	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.93	23.03	22.94	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	22.92	23.05	22.88	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.99	23.04	22.94	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	22.92	22.99	22.91	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.95	23.04	22.89	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	22.98	22.97	22.92	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	19.11	19.30	19.18	20.6	0.0
40	PI/2 BPSK	1	53	19.15	19.21	19.18		
40	PI/2 BPSK	1	104	19.22	19.23	19.19		
40	PI/2 BPSK	50	0	19.13	19.20	19.24	20.6	0.0
40	PI/2 BPSK	50	28	19.17	19.26	19.23	20.6	0.0
40	PI/2 BPSK	50	56	19.25	19.22	19.24	20.6	0.0
40	PI/2 BPSK	100	0	19.27	19.28	19.22		
40	QPSK	1	1	19.24	19.31	19.24	20.6	0.0
40	QPSK	1	53	19.27	19.25	19.27		
40	QPSK	1	104	19.13	19.11	19.21		
40	QPSK	50	0	19.17	19.21	19.23	20.6	0.0
40	QPSK	50	28	19.18	19.28	19.16	20.6	0.0
40	QPSK	50	56	19.26	19.26	19.18	20.6	0.0
40	QPSK	100	0	19.13	19.22	19.11		
40	16QAM	1	1	19.12	19.22	19.26	20.6	0.0
40	64QAM	1	1	19.17	19.26	19.21	20.6	0.0
40	256QAM	1	1	19.18	19.23	19.10	20.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.01	19.10	19.18	20.6	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.12	19.16	19.19	20.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.09	19.18	19.19	20.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.11	19.12	19.20	20.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.14	19.14	19.20	20.6	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.24	19.29	19.27	20.6	0.0
100	PI/2 BPSK	1	137	19.24	19.27	19.26		
100	PI/2 BPSK	1	271	19.30	19.24	19.30		
100	PI/2 BPSK	135	0	19.24	19.26	19.33	20.6	0.0
100	PI/2 BPSK	135	69	19.18	19.33	19.23	20.6	0.0
100	PI/2 BPSK	135	138	19.23	19.28	19.27	20.6	0.0
100	PI/2 BPSK	270	0	19.30	19.29	19.24		
100	QPSK	1	1	19.24	19.34	19.30	20.6	0.0
100	QPSK	1	137	19.20	19.30	19.26		
100	QPSK	1	271	19.21	19.25	19.22		
100	QPSK	135	0	19.29	19.31	19.31	20.6	0.0
100	QPSK	135	69	19.18	19.32	19.24	20.6	0.0
100	QPSK	135	138	19.21	19.23	19.12	20.6	0.0
100	QPSK	270	0	19.30	19.31	19.30		
100	16QAM	1	1	19.17	19.28	19.26	20.6	0.0
100	64QAM	1	1	19.23	19.32	19.32	20.6	0.0
100	256QAM	1	1	19.18	19.25	19.16	20.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.10	19.13	19.20	20.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.20	19.18	19.26	20.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.07	19.27	19.25	20.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.16	19.24	19.11	20.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.18	19.20	19.13	20.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.19	19.20	19.20	20.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.20	19.16	19.11	20.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.18	19.17	19.14	20.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.06	19.23	19.24	20.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.19	19.20	19.23	20.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.17	19.22	19.19	20.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.20	19.16	19.17	20.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.20	19.14	19.12	20.6	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.03	17.08	16.94	18.2	0.0
100	PI/2 BPSK	1	137	16.76	16.91	16.84		
100	PI/2 BPSK	1	271	17.07	17.11	16.91		
100	PI/2 BPSK	135	0	17.01	17.10	16.88	18.2	0.0
100	PI/2 BPSK	135	69	16.91	17.14	16.92	18.2	0.0
100	PI/2 BPSK	135	138	17.02	17.11	16.90	18.2	0.0
100	PI/2 BPSK	270	0	17.01	17.15	17.10		
100	QPSK	1	1	17.17	17.20	17.13	18.2	0.0
100	QPSK	1	137	17.04	16.96	16.80		
100	QPSK	1	271	17.00	17.08	16.88		
100	QPSK	135	0	17.00	16.98	16.96	18.2	0.0
100	QPSK	135	69	16.96	17.15	17.04	18.2	0.0
100	QPSK	135	138	16.96	17.06	17.05	18.2	0.0
100	QPSK	270	0	16.94	17.09	16.94		
100	16QAM	1	1	16.80	16.85	16.67	18.2	0.0
100	64QAM	1	1	16.69	16.76	16.86	18.2	0.0
100	256QAM	1	1	17.06	17.05	17.00	18.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.03	16.99	16.94	18.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.01	17.03	16.90	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.98	17.02	16.95	18.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.95	16.99	16.98	18.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.03	17.01	17.00	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.96	17.04	16.91	18.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.94	16.96	16.96	18.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.94	17.02	16.93	18.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.01	16.97	16.97	18.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.93	17.06	16.92	18.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.98	16.95	16.92	18.2	0.0

Part27O n77 PC2 Ant7

BW [MHz]	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	20.04	20.12	19.90	21.2	0.0
100	PI/2 BPSK	1	137	20.00	20.05	19.92		
100	PI/2 BPSK	1	271	20.03	20.12	19.99		
100	PI/2 BPSK	135	0	20.05	20.03	19.96	21.2	0.0
100	PI/2 BPSK	135	69	20.05	20.05	19.89	21.2	0.0
100	PI/2 BPSK	135	138	20.07	20.03	19.89	21.2	0.0
100	PI/2 BPSK	270	0	19.96	20.07	19.95		
100	QPSK	1	1	20.04	20.17	19.90	21.2	0.0
100	QPSK	1	137	20.02	20.05	19.92		
100	QPSK	1	271	19.99	20.10	19.97		
100	QPSK	135	0	20.07	20.10	19.94	21.2	0.0
100	QPSK	135	69	20.00	20.12	19.99	21.2	0.0
100	QPSK	135	138	20.03	20.08	19.90	21.2	0.0
100	QPSK	270	0	20.08	20.09	20.00		
100	16QAM	1	1	20.06	20.08	19.88	21.2	0.0
100	64QAM	1	1	19.98	20.03	19.96	21.2	0.0
100	256QAM	1	1	19.97	20.10	19.95	21.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.07	20.05	19.95	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.06	20.02	19.92	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.97	20.10	19.90	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.05	20.11	19.93	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.99	20.03	19.89	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.02	20.07	19.93	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.05	20.06	19.89	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.99	20.12	19.96	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.07	20.10	19.92	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.97	20.11	19.94	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.04	20.09	19.88	21.2	0.0

Part27O n78 PC3 Ant7

BW [MHz]	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		17.14		18.2	0.0
100	PI/2 BPSK	1	137		17.24			
100	PI/2 BPSK	1	271		17.33			
100	PI/2 BPSK	135	0		17.32		18.2	0.0
100	PI/2 BPSK	135	69		17.41		18.2	0.0
100	PI/2 BPSK	135	138		17.25		18.2	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.50		18.2	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.40		18.2	0.0
100	QPSK	135	69		17.41		18.2	0.0
100	QPSK	135	138		17.26		18.2	0.0
100	QPSK	270	0		17.33			
100	16QAM	1	1		17.26		18.2	0.0
100	64QAM	1	1		17.29		18.2	0.0
100	256QAM	1	1		17.28		18.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.25	17.31	17.22	18.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.27	17.24	17.29	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.25	17.31	17.33	18.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.21	17.24	17.26	18.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.23	17.30	17.30	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.29	17.28	17.32	18.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.27	17.30	17.30	18.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.26	17.24	17.32	18.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.23	17.26	17.25	18.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.30	17.30	17.23	18.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.27	17.33	17.25	18.2	0.0

Part27O n78 PC2 Ant7								
BW [MHz]	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		20.34		21.2	0.0
100	PI/2 BPSK	1	137		20.32			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		20.31		21.2	0.0
100	PI/2 BPSK	135	69		20.29		21.2	0.0
100	PI/2 BPSK	135	138		20.31		21.2	0.0
100	PI/2 BPSK	270	0		20.33			
100	QPSK	1	1		20.39		21.2	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.32			
100	QPSK	135	0		20.29		21.2	0.0
100	QPSK	135	69		20.37		21.2	0.0
100	QPSK	135	138		20.30		21.2	0.0
100	QPSK	270	0		20.34			
100	16QAM	1	1		20.32		21.2	0.0
100	64QAM	1	1		20.38		21.2	0.0
100	256QAM	1	1		20.28		21.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.22	20.28	20.23	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.22	20.19	20.26	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.28	20.21	20.27	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.26	20.21	20.22	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.29	20.26	20.23	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.27	20.24	20.21	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.21	20.20	20.19	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.22	20.25	20.27	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.19	20.18	20.26	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.22	20.26	20.27	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.26	20.24	20.24	21.2	0.0

Part27O n77 Ant4

BW [MHz]	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	17.06	17.17	17.12	18.6	0.0
100	PI/2 BPSK	1	137	17.11	17.10	16.99		
100	PI/2 BPSK	1	271	17.06	17.04	16.79		
100	PI/2 BPSK	135	0	17.20	17.26	17.23	18.6	0.0
100	PI/2 BPSK	135	69	17.01	17.20	17.05	18.6	0.0
100	PI/2 BPSK	135	138	17.03	17.06	17.17	18.6	0.0
100	PI/2 BPSK	270	0	17.02	17.10	17.19		
100	QPSK	1	1	17.26	17.28	17.01	18.6	0.0
100	QPSK	1	137	16.84	17.16	17.20		
100	QPSK	1	271	17.10	17.05	17.02		
100	QPSK	135	0	16.98	17.20	17.03	18.6	0.0
100	QPSK	135	69	17.25	17.26	17.18	18.6	0.0
100	QPSK	135	138	17.21	17.20	17.08	18.6	0.0
100	QPSK	270	0	16.97	17.17	17.06		
100	16QAM	1	1	16.78	16.90	16.89	18.6	0.0
100	64QAM	1	1	16.70	16.87	16.76	18.6	0.0
100	256QAM	1	1	16.68	16.78	16.81	18.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1				18.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1				18.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1				18.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1				18.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1				18.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1				18.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1				18.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1				18.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1				18.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1				18.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1				18.6	0.0

Part27O n77 PC2 Ant4

BW [MHz]	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	20.27	20.29	20.27	21.6	0.0
100	PI/2 BPSK	1	137	20.06	20.24	19.99		
100	PI/2 BPSK	1	271	19.81	20.03	19.95		
100	PI/2 BPSK	135	0	20.21	20.30	20.22	21.6	0.0
100	PI/2 BPSK	135	69	19.96	20.21	19.95	21.6	0.0
100	PI/2 BPSK	135	138	19.88	19.98	19.89	21.6	0.0
100	PI/2 BPSK	270	0	20.24	20.36	20.31		
100	QPSK	1	1	19.99	20.37	20.05	21.6	0.0
100	QPSK	1	137	19.81	20.02	19.87		
100	QPSK	1	271	20.19	20.30	20.21		
100	QPSK	135	0	20.06	20.16	19.94	21.6	0.0
100	QPSK	135	69	19.85	20.34	19.91	21.6	0.0
100	QPSK	135	138	20.26	20.33	20.23	21.6	0.0
100	QPSK	270	0	19.98	20.18	20.04		
100	16QAM	1	1	19.77	20.03	19.97	21.6	0.0
100	64QAM	1	1	20.22	20.29	20.27	21.6	0.0
100	256QAM	1	1	19.97	20.20	19.96	21.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1				21.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1				21.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1				21.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1				21.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1				21.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1				21.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1				21.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1				21.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1				21.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1				21.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1				21.6	0.0

Part27O n78 Ant4

BW [MHz]	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		17.61		18.6	0.0
100	PI/2 BPSK	1	137		17.36			
100	PI/2 BPSK	1	271		17.48			
100	PI/2 BPSK	135	0		17.53		18.6	0.0
100	PI/2 BPSK	135	69		17.42		18.6	0.0
100	PI/2 BPSK	135	138		17.39		18.6	0.0
100	PI/2 BPSK	270	0		17.51			
100	QPSK	1	1		17.65		18.6	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.49		18.6	0.0
100	QPSK	135	69		17.53		18.6	0.0
100	QPSK	135	138		17.33		18.6	0.0
100	QPSK	270	0		17.52			
100	16QAM	1	1		17.23		18.6	0.0
100	64QAM	1	1		17.16		18.6	0.0
100	256QAM	1	1		17.19		18.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1				18.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1				18.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1				18.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1				18.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1				18.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1				18.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1				18.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1				18.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1				18.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1				18.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1				18.6	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		20.57		21.6	0.0
100	PI/2 BPSK	1	137		20.44			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		20.48		21.6	0.0
100	PI/2 BPSK	135	69		20.46		21.6	0.0
100	PI/2 BPSK	135	138		20.45		21.6	0.0
100	PI/2 BPSK	270	0		20.52			
100	QPSK	1	1		20.58		21.6	0.0
100	QPSK	1	137		20.45			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.48		21.6	0.0
100	QPSK	135	69		20.54		21.6	0.0
100	QPSK	135	138		20.53		21.6	0.0
100	QPSK	270	0		20.42			
100	16QAM	1	1		20.47		21.6	0.0
100	64QAM	1	1		20.50		21.6	0.0
100	256QAM	1	1		20.43		21.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1				21.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1				21.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1				21.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1				21.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1				21.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1				21.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1				21.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1				21.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1				21.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1				21.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1				21.6	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.65	22.74	22.52	24.5	0.0
100	PI/2 BPSK	1	137	22.64	22.69	22.73		
100	PI/2 BPSK	1	271	22.59	22.65	22.67		
100	PI/2 BPSK	135	0	22.64	22.67	22.61	24.5	0.0
100	PI/2 BPSK	135	69	22.69	22.63	22.52	24.5	0.0
100	PI/2 BPSK	135	138	22.61	22.51	22.59	24.5	0.0
100	PI/2 BPSK	270	0	22.55	22.62	22.56		
100	QPSK	1	1	22.83	22.85	22.77	24.5	0.0
100	QPSK	1	137	22.63	22.66	22.71		
100	QPSK	1	271	22.53	22.51	22.52		
100	QPSK	135	0	22.68	22.71	22.52	24.5	0.0
100	QPSK	135	69	22.67	22.76	22.63	24.5	0.0
100	QPSK	135	138	22.64	22.52	22.59	24.5	0.0
100	QPSK	270	0	22.63	22.71	22.53		
100	16QAM	1	1	22.56	22.51	22.56	24.5	0.0
100	64QAM	1	1	22.59	22.56	22.64	24.5	0.0
100	256QAM	1	1	21.59	21.65	21.63	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.72	22.81	22.70	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.72	22.79	22.70	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.71	22.79	22.68	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.78	22.73	22.66	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.77	22.81	22.65	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.71	22.74	22.67	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.70	22.73	22.66	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.74	22.78	22.65	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.79	22.80	22.67	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.70	22.72	22.69	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.73	22.76	22.69	24.5	0.0

Part27O n77 PC2 Ant8

BW [MHz]	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	25.54	25.67	25.55	27.5	0.0
100	PI/2 BPSK	1	137	25.67	25.51	25.68		
100	PI/2 BPSK	1	271	25.57	25.59	25.60		
100	PI/2 BPSK	135	0	25.19	25.16	25.15	27.0	0.5
100	PI/2 BPSK	135	69	25.52	25.56	25.68	27.5	0.0
100	PI/2 BPSK	135	138	25.28	25.38	25.29	27.0	0.5
100	PI/2 BPSK	270	0	25.36	25.01	25.01		
100	QPSK	1	1	25.61	25.73	25.68	27.5	0.0
100	QPSK	1	137	25.69	25.68	25.57		
100	QPSK	1	271	25.59	25.69	25.65		
100	QPSK	135	0	24.57	24.63	24.69	26.5	1.0
100	QPSK	135	69	25.63	25.69	25.58	27.5	0.0
100	QPSK	135	138	24.75	24.73	24.64	26.5	1.0
100	QPSK	270	0	24.65	24.83	24.81		
100	16QAM	1	1	24.60	24.62	24.51	26.5	1.0
100	64QAM	1	1	23.33	23.25	23.14	25.0	2.5
100	256QAM	1	1	21.24	21.13	21.03	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.52	25.62	25.62	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.52	25.61	25.61	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.56	25.67	25.59	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.52	25.70	25.59	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.52	25.69	25.64	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.52	25.63	25.56	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.52	25.63	25.62	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.57	25.68	25.59	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.51	25.61	25.62	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.58	25.68	25.61	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.51	25.62	25.59	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.06		24.5	0.0
100	PI/2 BPSK	1	137		22.92			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		23.09		24.5	0.0
100	PI/2 BPSK	135	69		23.00		24.5	0.0
100	PI/2 BPSK	135	138		23.03		24.5	0.0
100	PI/2 BPSK	270	0		23.04			
100	QPSK	1	1		23.10		24.5	0.0
100	QPSK	1	137		22.91			
100	QPSK	1	271		22.96			
100	QPSK	135	0		23.05		24.5	0.0
100	QPSK	135	69		23.07		24.5	0.0
100	QPSK	135	138		23.03		24.5	0.0
100	QPSK	270	0		23.04			
100	16QAM	1	1		22.79		24.5	0.0
100	64QAM	1	1		22.84		24.5	0.0
100	256QAM	1	1		21.82		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.76	22.73	22.71	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.77	22.75	22.74	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.75	22.75	22.72	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.71	22.77	22.72	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.77	22.74	22.70	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.72	22.80	22.65	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.74	22.77	22.70	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.73	22.76	22.66	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.79	22.74	22.72	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.73	22.75	22.66	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.74	22.81	22.72	24.5	0.0

Part27O n78 PC2 Ant8								
BW [MHz]	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		25.90		27.5	0.0
100	PI/2 BPSK	1	137		25.94			
100	PI/2 BPSK	1	271		25.90			
100	PI/2 BPSK	135	0		25.53		27.0	0.5
100	PI/2 BPSK	135	69		25.84		27.5	0.0
100	PI/2 BPSK	135	138		25.49		27.0	0.5
100	PI/2 BPSK	270	0		25.54			
100	QPSK	1	1		25.96		27.5	0.0
100	QPSK	1	137		25.82			
100	QPSK	1	271		25.81			
100	QPSK	135	0		25.02		26.5	1.0
100	QPSK	135	69		25.93		27.5	0.0
100	QPSK	135	138		24.99		26.5	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		25.11		26.5	1.0
100	64QAM	1	1		23.57		25.0	2.5
100	256QAM	1	1		21.69		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.51	25.69	25.58	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.55	25.65	25.64	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.56	25.65	25.57	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.54	25.60	25.55	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.52	25.67	25.62	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.57	25.62	25.65	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.57	25.70	25.64	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.53	25.65	25.64	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.57	25.68	25.57	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.55	25.68	25.57	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.57	25.62	25.57	27.5	0.0

Part27O n77 Ant10

BW [MHz]	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	23.00	23.05	23.05	24.5	0.0
100	PI/2 BPSK	1	137	22.85	22.86	22.69		
100	PI/2 BPSK	1	271	22.80	22.84	22.83		
100	PI/2 BPSK	135	0	22.90	23.05	22.82	24.5	0.0
100	PI/2 BPSK	135	69	22.78	22.94	22.96	24.5	0.0
100	PI/2 BPSK	135	138	22.82	22.92	22.79	24.5	0.0
100	PI/2 BPSK	270	0	22.84	22.95	22.97		
100	QPSK	1	1	23.13	23.17	23.14	24.5	0.0
100	QPSK	1	137	22.64	22.86	22.81		
100	QPSK	1	271	22.66	22.88	22.70		
100	QPSK	135	0	23.05	23.04	23.05	24.5	0.0
100	QPSK	135	69	23.12	23.14	23.07	24.5	0.0
100	QPSK	135	138	22.85	22.88	22.82	24.5	0.0
100	QPSK	270	0	22.97	23.09	23.05		
100	16QAM	1	1	22.65	22.76	22.77	24.5	0.0
100	64QAM	1	1	22.79	22.82	22.82	24.5	0.0
100	256QAM	1	1	21.76	21.88	21.74	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.55	22.61	22.60	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.58	22.56	22.52	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.60	22.54	22.61	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.59	22.62	22.57	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.53	22.62	22.60	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.52	22.61	22.53	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.55	22.64	22.52	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.53	22.60	22.59	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.60	22.57	22.55	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.58	22.62	22.55	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.57	22.58	22.61	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	26.01	26.02	25.82	27.5	0.0
100	PI/2 BPSK	1	137	25.64	25.87	25.90		
100	PI/2 BPSK	1	271	25.74	25.90	25.89		
100	PI/2 BPSK	135	0	25.28	25.40	25.36	27.0	0.5
100	PI/2 BPSK	135	69	25.76	25.84	25.74	27.5	0.0
100	PI/2 BPSK	135	138	25.29	25.26	25.19	27.0	0.5
100	PI/2 BPSK	270	0	25.36	25.37	25.37		
100	QPSK	1	1	26.03	26.07	25.86	27.5	0.0
100	QPSK	1	137	25.65	25.73	25.66		
100	QPSK	1	271	25.53	25.72	25.81		
100	QPSK	135	0	24.91	24.91	24.80	26.5	1.0
100	QPSK	135	69	25.85	25.92	25.73	27.5	0.0
100	QPSK	135	138	24.69	24.72	24.64	26.5	1.0
100	QPSK	270	0	24.75	24.93	24.89		
100	16QAM	1	1	25.11	25.03	25.05	26.5	1.0
100	64QAM	1	1	23.51	23.53	23.44	25.0	2.5
100	256QAM	1	1	21.80	21.77	21.70	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.58	25.70	25.57	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.51	25.62	25.56	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.54	25.70	25.64	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.56	25.65	25.55	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.53	25.66	25.61	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.56	25.62	25.58	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.54	25.60	25.64	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.58	25.62	25.61	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.51	25.63	25.63	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.55	25.61	25.58	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.53	25.62	25.55	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.41		24.5	0.0
100	PI/2 BPSK	1	137		23.43			
100	PI/2 BPSK	1	271		23.44			
100	PI/2 BPSK	135	0		23.32		24.5	0.0
100	PI/2 BPSK	135	69		23.45		24.5	0.0
100	PI/2 BPSK	135	138		23.43		24.5	0.0
100	PI/2 BPSK	270	0		23.39			
100	QPSK	1	1		23.48		24.5	0.0
100	QPSK	1	137		23.37			
100	QPSK	1	271		23.38			
100	QPSK	135	0		23.41		24.5	0.0
100	QPSK	135	69		23.45		24.5	0.0
100	QPSK	135	138		23.38		24.5	0.0
100	QPSK	270	0		23.42			
100	16QAM	1	1		23.13		24.5	0.0
100	64QAM	1	1		23.17		24.5	0.0
100	256QAM	1	1		22.23		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.51	22.56	22.52	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.56	22.64	22.54	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.54	22.62	22.57	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.01	23.06	23.02	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.55	22.57	22.53	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.55	22.61	22.60	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.59	22.61	22.55	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.57	22.64	22.57	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.54	22.61	22.51	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.51	22.58	22.52	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.54	22.61	22.55	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.44		27.5	0.0
100	PI/2 BPSK	1	137		26.56			
100	PI/2 BPSK	1	271		26.47			
100	PI/2 BPSK	135	0		26.02		27.0	0.5
100	PI/2 BPSK	135	69		26.46		27.5	0.0
100	PI/2 BPSK	135	138		25.86		27.0	0.5
100	PI/2 BPSK	270	0		25.94			
100	QPSK	1	1		26.57		27.5	0.0
100	QPSK	1	137		26.36			
100	QPSK	1	271		26.34			
100	QPSK	135	0		25.38		26.5	1.0
100	QPSK	135	69		26.48		27.5	0.0
100	QPSK	135	138		25.29		26.5	1.0
100	QPSK	270	0		25.44			
100	16QAM	1	1		25.31		26.5	1.0
100	64QAM	1	1		23.93		25.0	2.5
100	256QAM	1	1		22.04		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.52	25.62	25.55	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.51	25.62	25.56	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.51	25.65	25.56	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.52	25.65	25.61	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.56	25.62	25.65	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.52	25.65	25.56	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.51	25.69	25.60	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.54	25.60	25.62	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.52	25.67	25.62	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.56	25.68	25.62	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.56	25.69	25.55	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.49	22.59	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.69	22.55		
20	PI/2 BPSK	1	104	22.56	22.64	22.54		
20	PI/2 BPSK	50	0	22.17	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.72	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.22	22.22	22.13	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.23	22.07		
20	QPSK	1	1	22.71	22.75	22.62	24.0	0.0
20	QPSK	1	53	22.51	22.71	22.59		
20	QPSK	1	104	22.48	22.65	22.65		
20	QPSK	50	0	21.63	21.70	21.65	23.0	1.0
20	QPSK	50	28	22.55	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.66	23.0	1.0
20	QPSK	100	0	21.56	21.71	21.69		
20	16QAM	1	1	21.17	21.33	21.18	23.0	1.0
20	64QAM	1	1	19.96	19.93	19.83	21.5	2.5
20	256QAM	1	1	18.57	18.61	18.44	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	22.51	22.61	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.43	22.63	22.57	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	22.44	22.69	22.54	24.0	0.0

Reduced Power Mode for ECI3

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BW [MHz]	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	22.58	22.69	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.52	22.70	22.69		
20	PI/2 BPSK	1	104	22.60	22.66	22.47		
20	PI/2 BPSK	50	0	22.19	22.26	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.74	22.78	22.69	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.25	22.08	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.25	22.22		
20	QPSK	1	1	22.74	22.80	22.76	24.0	0.0
20	QPSK	1	53	22.50	22.71	22.68		
20	QPSK	1	104	22.50	22.70	22.49		
20	QPSK	50	0	21.72	21.74	21.75	23.0	1.0
20	QPSK	50	28	22.66	22.77	22.58	24.0	0.0
20	QPSK	50	56	21.58	21.73	21.59	23.0	1.0
20	QPSK	100	0	21.59	21.73	21.65		
20	16QAM	1	1	21.35	21.46	21.47	23.0	1.0
20	64QAM	1	1	19.90	20.05	20.06	21.5	2.5
20	256QAM	1	1	18.67	18.68	18.52	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	22.46	22.65	22.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.69	22.52	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	22.48	22.60	22.52	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.83	23.00	22.90	24.0	0.0
20	PI/2 BPSK	1	53	22.86	23.09	22.96		
20	PI/2 BPSK	1	104	23.02	23.01	22.97		
20	PI/2 BPSK	50	0	22.55	22.56	22.55	23.5	0.5
20	PI/2 BPSK	50	28	23.13	23.11	23.10	24.0	0.0
20	PI/2 BPSK	50	56	22.57	22.60	22.48	23.5	0.5
20	PI/2 BPSK	100	0	22.36	22.56	22.53		
20	QPSK	1	1	23.08	23.14	23.01	24.0	0.0
20	QPSK	1	53	22.94	23.04	22.92		
20	QPSK	1	104	22.99	23.01	23.00		
20	QPSK	50	0	21.97	22.05	21.97	23.0	1.0
20	QPSK	50	28	23.02	23.10	23.08	24.0	0.0
20	QPSK	50	56	22.10	22.10	21.89	23.0	1.0
20	QPSK	100	0	22.02	22.06	22.04		
20	16QAM	1	1	21.63	21.75	21.58	23.0	1.0
20	64QAM	1	1	20.40	20.46	20.39	21.5	2.5
20	256QAM	1	1	18.96	19.02	19.09	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.43	22.67	22.57	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.43	22.64	22.58	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	22.52	22.61	22.52	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	18.04	18.16	18.06	19.3	0.0
40	PI/2 BPSK	1	53	18.01	18.12	18.08		
40	PI/2 BPSK	1	104	18.07	18.15	18.14		
40	PI/2 BPSK	50	0	18.04	18.11	18.09	19.3	0.0
40	PI/2 BPSK	50	28	18.09	18.16	18.14	19.3	0.0
40	PI/2 BPSK	50	56	18.02	18.20	18.08	19.3	0.0
40	PI/2 BPSK	100	0	18.07	18.13	18.10		
40	QPSK	1	1	17.99	18.21	18.06	19.3	0.0
40	QPSK	1	53	18.09	18.11	18.09		
40	QPSK	1	104	18.01	18.13	18.08		
40	QPSK	50	0	18.07	18.16	18.13	19.3	0.0
40	QPSK	50	28	18.04	18.18	18.07	19.3	0.0
40	QPSK	50	56	18.05	18.14	18.07	19.3	0.0
40	QPSK	100	0	18.04	18.17	18.08		
40	16QAM	1	1	18.06	18.16	18.11	19.3	0.0
40	64QAM	1	1	18.02	18.12	18.17	19.3	0.0
40	256QAM	1	1	17.95	18.06	18.02	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	17.84	18.04	17.91	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	17.89	17.98	17.98	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.87	18.03	17.96	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	17.86	18.07	17.99	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	17.90	17.98	17.93	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	18.16	18.21	18.22	19.3	0.0
100	PI/2 BPSK	1	137	18.18	18.27	18.23		
100	PI/2 BPSK	1	271	18.19	18.18	18.16		
100	PI/2 BPSK	135	0	18.21	18.19	18.24	19.3	0.0
100	PI/2 BPSK	135	69	18.18	18.21	18.17	19.3	0.0
100	PI/2 BPSK	135	138	18.23	18.26	18.22	19.3	0.0
100	PI/2 BPSK	270	0	18.19	18.25	18.15		
100	QPSK	1	1	18.18	18.32	18.17	19.3	0.0
100	QPSK	1	137	18.17	18.16	18.24		
100	QPSK	1	271	18.24	18.15	18.16		
100	QPSK	135	0	18.27	18.23	18.19	19.3	0.0
100	QPSK	135	69	18.25	18.28	18.24	19.3	0.0
100	QPSK	135	138	18.26	18.22	18.16	19.3	0.0
100	QPSK	270	0	18.24	18.26	18.23		
100	16QAM	1	1	18.25	18.24	18.18	19.3	0.0
100	64QAM	1	1	18.24	18.23	18.22	19.3	0.0
100	256QAM	1	1	18.11	18.11	18.10	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	18.11	18.11	18.05	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	18.06	18.08	18.10	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	18.02	18.05	18.02	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	18.00	18.06	18.05	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	18.11	18.04	18.03	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	18.11	18.04	18.07	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	18.02	18.00	18.06	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	18.10	18.12	18.07	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	18.09	18.07	18.06	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	18.04	18.10	18.03	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.02	18.04	17.99	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	18.06	18.02	18.00	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	18.08	18.01	18.09	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.15	16.17	16.09	17.5	0.0
40	PI/2 BPSK	1	108	15.86	16.04	15.91		
40	PI/2 BPSK	1	214	15.94	16.07	15.84		
40	PI/2 BPSK	108	0	16.15	16.12	16.08	17.5	0.0
40	PI/2 BPSK	108	54	15.98	15.99	15.84	17.5	0.0
40	PI/2 BPSK	108	108	15.92	16.07	15.90	17.5	0.0
40	PI/2 BPSK	216	0	16.18	16.12	16.09		
40	QPSK	1	1	16.18	16.21	16.04	17.5	0.0
40	QPSK	1	108	16.02	15.97	15.91		
40	QPSK	1	214	16.13	16.11	16.13		
40	QPSK	108	0	15.96	15.97	15.89	17.5	0.0
40	QPSK	108	54	16.15	16.19	16.14	17.5	0.0
40	QPSK	108	108	16.11	16.12	16.12	17.5	0.0
40	QPSK	216	0	15.90	16.14	15.93		
40	16QAM	1	1	16.18	16.18	16.05	17.5	0.0
40	64QAM	1	1	15.92	15.99	15.90	17.5	0.0
40	256QAM	1	1	16.04	16.03	15.84	17.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.11	16.10	15.95	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.12	16.16	15.93	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.05	16.06	15.92	17.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.09	16.13	15.96	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.12	16.09	16.00	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.06	16.14	15.93	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.04	16.14	15.98	17.5	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.17	22.23	22.18	24.0	0.0
20	PI/2 BPSK	1	53	22.22	22.34	22.36		
20	PI/2 BPSK	1	104	22.28	22.29	22.15		
20	PI/2 BPSK	50	0	21.80	21.87	21.73	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.37	22.22	24.0	0.0
20	PI/2 BPSK	50	56	21.83	21.89	21.91	23.5	0.5
20	PI/2 BPSK	100	0	21.78	21.89	21.85		
20	QPSK	1	1	22.30	22.46	22.42	24.0	0.0
20	QPSK	1	53	22.18	22.36	22.35		
20	QPSK	1	104	22.06	22.29	22.22		
20	QPSK	50	0	21.28	21.37	21.39	23.0	1.0
20	QPSK	50	28	22.27	22.40	22.24	24.0	0.0
20	QPSK	50	56	21.40	21.38	21.25	23.0	1.0
20	QPSK	100	0	21.36	21.39	21.34		
20	16QAM	1	1	21.39	21.44	21.46	23.0	1.0
20	64QAM	1	1	19.67	19.60	19.72	21.5	2.5
20	256QAM	1	1	18.31	18.26	18.11	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	22.20	22.33	22.14	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.16	22.27	22.19	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	22.15	22.33	22.17	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	18.04	18.03	17.92	19.4	0.0
50	PI/2 BPSK	1	135	17.81	17.89	17.71		
50	PI/2 BPSK	1	268	17.69	17.89	17.84		
50	PI/2 BPSK	135	0	17.98	18.05	17.94	19.4	0.0
50	PI/2 BPSK	135	68	17.87	17.94	17.66	19.4	0.0
50	PI/2 BPSK	135	135	17.70	17.78	17.82	19.4	0.0
50	PI/2 BPSK	270	0	17.95	18.06	18.01		
50	QPSK	1	1	17.88	18.09	17.76	19.4	0.0
50	QPSK	1	135	17.68	17.81	17.84		
50	QPSK	1	268	18.05	18.07	17.95		
50	QPSK	135	0	17.91	17.90	17.75	19.4	0.0
50	QPSK	135	68	17.75	18.08	17.82	19.4	0.0
50	QPSK	135	135	18.01	18.00	17.97	19.4	0.0
50	QPSK	270	0	17.85	17.98	17.68		
50	16QAM	1	1	17.77	17.79	17.87	19.4	0.0
50	64QAM	1	1	17.73	17.89	17.78	19.4	0.0
50	256QAM	1	1	17.89	17.88	17.74	19.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.76	17.99	17.69	19.4	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.83	18.01	17.65	19.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.81	17.93	17.71	19.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.73	18.01	17.62	19.4	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	17.99	17.64	19.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.73	17.93	17.62	19.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.78	17.97	17.67	19.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.76	18.02	17.67	19.4	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.28	22.33	22.28	24.0	0.0
20	PI/2 BPSK	1	53	22.18	22.30	22.21		
20	PI/2 BPSK	1	104	22.35	22.33	22.28		
20	PI/2 BPSK	50	0	21.91	21.93	21.82	23.5	0.5
20	PI/2 BPSK	50	28	22.43	22.43	22.29	24.0	0.0
20	PI/2 BPSK	50	56	21.89	21.93	21.89	23.5	0.5
20	PI/2 BPSK	100	0	21.92	21.92	21.78		
20	QPSK	1	1	22.43	22.47	22.31	24.0	0.0
20	QPSK	1	53	22.33	22.34	22.24		
20	QPSK	1	104	22.21	22.34	22.32		
20	QPSK	50	0	21.42	21.42	21.36	23.0	1.0
20	QPSK	50	28	22.35	22.41	22.28	24.0	0.0
20	QPSK	50	56	21.26	21.41	21.25	23.0	1.0
20	QPSK	100	0	21.31	21.40	21.25		
20	16QAM	1	1	21.14	21.11	21.03	23.0	1.0
20	64QAM	1	1	19.79	19.72	19.73	21.5	2.5
20	256QAM	1	1	18.29	18.35	18.41	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	22.17	22.36	22.15	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.15	22.30	22.14	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	22.23	22.36	22.18	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.28	18.37	18.30	19.7	0.0
40	PI/2 BPSK	1	108	18.27	18.35	18.28		
40	PI/2 BPSK	1	214	18.31	18.32	18.13		
40	PI/2 BPSK	108	0	18.38	18.43	18.40	19.7	0.0
40	PI/2 BPSK	108	54	18.17	18.28	18.28	19.7	0.0
40	PI/2 BPSK	108	108	18.32	18.21	18.15	19.7	0.0
40	PI/2 BPSK	216	0	18.35	18.36	18.34		
40	QPSK	1	1	18.26	18.45	18.31	19.7	0.0
40	QPSK	1	108	18.25	18.23	18.08		
40	QPSK	1	214	18.37	18.39	18.30		
40	QPSK	108	0	18.23	18.30	18.21	19.7	0.0
40	QPSK	108	54	18.22	18.43	18.08	19.7	0.0
40	QPSK	108	108	18.36	18.33	18.33	19.7	0.0
40	QPSK	216	0	18.26	18.35	18.30		
40	16QAM	1	1	18.27	18.23	18.11	19.7	0.0
40	64QAM	1	1	18.22	18.27	18.16	19.7	0.0
40	256QAM	1	1	17.85	18.01	17.84	19.2	0.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.15	18.38	18.16	19.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.16	18.34	18.16	19.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.13	18.29	18.26	19.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.14	18.38	18.16	19.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.19	18.31	18.21	19.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.19	18.34	18.23	19.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.18	18.33	18.16	19.7	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.36	22.51	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.47	22.60	22.47		
20	PI/2 BPSK	1	104	22.49	22.51	22.46		
20	PI/2 BPSK	50	0	21.96	22.06	21.97	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.52	22.50	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.12	21.92	23.5	0.5
20	PI/2 BPSK	100	0	22.10	22.07	22.05		
20	QPSK	1	1	22.55	22.62	22.50	24.0	0.0
20	QPSK	1	53	22.44	22.59	22.42		
20	QPSK	1	104	22.38	22.50	22.36		
20	QPSK	50	0	21.51	21.54	21.47	23.0	1.0
20	QPSK	50	28	22.53	22.58	22.51	24.0	0.0
20	QPSK	50	56	21.45	21.61	21.53	23.0	1.0
20	QPSK	100	0	21.45	21.57	21.44		
20	16QAM	1	1	21.20	21.25	21.08	23.0	1.0
20	64QAM	1	1	19.91	19.97	19.88	21.5	2.5
20	256QAM	1	1	18.58	18.52	18.42	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.09	22.15	22.05	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.14	22.20	22.06	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	22.08	22.13	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.89	18.11	17.99	19.5	0.0
40	PI/2 BPSK	1	53	17.67	17.81	17.92		
40	PI/2 BPSK	1	104	17.62	17.77	17.59		
40	PI/2 BPSK	50	0	17.89	18.07	18.01	19.5	0.0
40	PI/2 BPSK	50	28	17.68	17.82	17.91	19.5	0.0
40	PI/2 BPSK	50	56	17.59	17.70	17.51	19.5	0.0
40	PI/2 BPSK	100	0	17.95	18.04	17.96		
40	QPSK	1	1	17.57	18.13	17.93	19.5	0.0
40	QPSK	1	53	17.65	17.78	17.54		
40	QPSK	1	104	18.00	18.06	17.93		
40	QPSK	50	0	17.59	17.81	17.83	19.5	0.0
40	QPSK	50	28	17.69	17.94	17.57	19.5	0.0
40	QPSK	50	56	17.90	17.74	17.90	19.5	0.0
40	QPSK	100	0	17.62	17.89	17.79		
40	16QAM	1	1	17.66	17.71	17.59	19.5	0.0
40	64QAM	1	1	17.65	17.89	17.91	19.5	0.0
40	256QAM	1	1	17.63	17.90	17.85	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.74	18.01	17.85	19.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.79	17.97	17.85	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.73	18.02	17.84	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.78	17.99	17.79	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.70	18.00	17.86	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.36	18.41	18.43	19.5	0.0
100	PI/2 BPSK	1	137	18.19	18.32	18.23		
100	PI/2 BPSK	1	271	18.12	18.31	18.09		
100	PI/2 BPSK	135	0	18.38	18.43	18.39	19.5	0.0
100	PI/2 BPSK	135	69	18.23	18.37	18.19	19.5	0.0
100	PI/2 BPSK	135	138	18.16	18.25	18.11	19.5	0.0
100	PI/2 BPSK	270	0	18.30	18.35	18.40		
100	QPSK	1	1	18.24	18.42	18.17	19.5	0.0
100	QPSK	1	137	18.14	18.28	18.09		
100	QPSK	1	271	18.29	18.40	18.40		
100	QPSK	135	0	18.20	18.40	18.18	19.5	0.0
100	QPSK	135	69	18.19	18.46	18.05	19.5	0.0
100	QPSK	135	138	18.33	18.40	18.38	19.5	0.0
100	QPSK	270	0	18.18	18.37	18.16		
100	16QAM	1	1	18.30	18.36	18.41	19.5	0.0
100	64QAM	1	1	18.26	18.38	18.15	19.5	0.0
100	256QAM	1	1	18.20	18.28	18.06	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.20	18.33	18.06	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.08	18.36	18.11	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.17	18.35	18.04	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.14	18.38	18.01	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.12	18.37	18.11	19.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.16	18.33	18.05	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.19	18.33	18.11	19.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.08	18.31	18.10	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.09	18.31	18.07	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.16	18.31	18.10	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.09	18.36	18.11	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.11	18.33	18.06	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.09	18.34	18.05	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	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	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.11	22.17	22.02	23.2	0.0
40	PI/2 BPSK	1	108	21.87	21.91	21.78		
40	PI/2 BPSK	1	214	21.61	21.85	21.76		
40	PI/2 BPSK	108	0	22.10	22.11	21.97	23.2	0.0
40	PI/2 BPSK	108	54	21.84	21.98	21.79	23.2	0.0
40	PI/2 BPSK	108	108	21.56	21.84	21.76	23.2	0.0
40	PI/2 BPSK	216	0	22.13	22.19	21.98		
40	QPSK	1	1	21.80	22.21	21.85	23.2	0.0
40	QPSK	1	108	21.61	21.86	21.81		
40	QPSK	1	214	22.05	22.14	21.99		
40	QPSK	108	0	21.88	21.93	21.79	23.2	0.0
40	QPSK	108	54	21.64	22.12	21.80	23.2	0.0
40	QPSK	108	108	22.07	22.01	22.03	23.2	0.0
40	QPSK	216	0	21.86	21.99	21.84		
40	16QAM	1	1	21.61	21.80	21.84	23.2	0.0
40	64QAM	1	1	20.22	20.32	20.29	21.7	1.5
40	256QAM	1	1	18.89	18.93	18.92	19.7	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.69	22.09	21.76	23.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.67	22.11	21.70	23.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.71	22.17	21.71	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.64	22.07	21.69	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.69	22.15	21.70	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.71	22.12	21.77	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.69	22.16	21.78	23.2	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	18.07	18.17	18.13	19.3	0.0
40	PI/2 BPSK	1	53	17.98	18.07	18.09		
40	PI/2 BPSK	1	104	18.09	18.18	18.11		
40	PI/2 BPSK	50	0	18.03	18.19	18.19	19.3	0.0
40	PI/2 BPSK	50	28	18.02	18.14	18.11	19.3	0.0
40	PI/2 BPSK	50	56	18.09	18.14	18.06	19.3	0.0
40	PI/2 BPSK	100	0	18.15	18.13	18.17		
40	QPSK	1	1	17.97	18.21	18.10	19.3	0.0
40	QPSK	1	53	18.00	18.13	18.01		
40	QPSK	1	104	18.06	18.17	18.14		
40	QPSK	50	0	17.97	18.07	18.15	19.3	0.0
40	QPSK	50	28	18.02	18.18	18.02	19.3	0.0
40	QPSK	50	56	18.04	18.08	18.09	19.3	0.0
40	QPSK	100	0	18.04	18.09	18.06		
40	16QAM	1	1	18.10	18.17	18.12	19.3	0.0
40	64QAM	1	1	18.00	18.08	18.08	19.3	0.0
40	256QAM	1	1	18.07	18.16	18.05	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	17.90	18.16	18.04	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	17.82	18.12	18.03	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.93	18.09	17.96	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	17.82	18.13	18.01	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	17.84	18.06	17.97	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	18.17	18.16	18.19	19.3	0.0
100	PI/2 BPSK	1	137	17.90	18.16	18.08		
100	PI/2 BPSK	1	271	17.87	18.07	18.01		
100	PI/2 BPSK	135	0	18.10	18.18	18.17	19.3	0.0
100	PI/2 BPSK	135	69	17.91	18.20	18.11	19.3	0.0
100	PI/2 BPSK	135	138	17.89	18.00	18.01	19.3	0.0
100	PI/2 BPSK	270	0	18.10	18.17	18.24		
100	QPSK	1	1	17.95	18.26	18.08	19.3	0.0
100	QPSK	1	137	17.87	18.10	18.04		
100	QPSK	1	271	18.18	18.17	18.17		
100	QPSK	135	0	17.91	18.16	18.13	19.3	0.0
100	QPSK	135	69	17.85	18.24	17.99	19.3	0.0
100	QPSK	135	138	18.13	18.12	18.20	19.3	0.0
100	QPSK	270	0	17.90	18.12	18.10		
100	16QAM	1	1	18.13	18.19	18.19	19.3	0.0
100	64QAM	1	1	17.91	18.14	18.10	19.3	0.0
100	256QAM	1	1	17.80	18.06	18.04	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	17.84	18.13	17.94	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	17.82	18.19	17.99	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	17.79	18.16	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	17.89	18.10	17.98	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	17.81	18.22	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	17.89	18.16	17.93	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	17.81	18.20	18.01	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	17.86	18.12	17.95	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	17.79	18.15	17.97	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	17.89	18.19	18.02	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.84	18.13	17.97	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	17.81	18.18	18.02	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	17.86	18.12	18.01	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.75	16.76	16.67	17.8	0.0
100	PI/2 BPSK	1	137	16.54	16.48	16.23		
100	PI/2 BPSK	1	271	16.51	16.57	16.37		
100	PI/2 BPSK	135	0	16.70	16.80	16.56	17.8	0.0
100	PI/2 BPSK	135	69	16.53	16.49	16.31	17.8	0.0
100	PI/2 BPSK	135	138	16.59	16.58	16.30	17.8	0.0
100	PI/2 BPSK	270	0	16.79	16.79	16.62		
100	QPSK	1	1	16.54	16.86	16.20	17.8	0.0
100	QPSK	1	137	16.47	16.53	16.30		
100	QPSK	1	271	16.68	16.81	16.56		
100	QPSK	135	0	16.43	16.50	16.26	17.8	0.0
100	QPSK	135	69	16.54	16.80	16.31	17.8	0.0
100	QPSK	135	138	16.74	16.79	16.64	17.8	0.0
100	QPSK	270	0	16.49	16.50	16.22		
100	16QAM	1	1	16.75	16.77	16.61	17.8	0.0
100	64QAM	1	1	16.46	16.40	16.21	17.8	0.0
100	256QAM	1	1	16.49	16.59	16.39	17.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.40	16.82	16.06	17.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.43	16.81	16.15	17.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.45	16.70	16.14	17.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.44	16.74	16.07	17.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.44	16.75	16.10	17.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.45	16.72	16.05	17.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.45	16.79	16.10	17.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.41	16.75	16.16	17.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.47	16.72	16.05	17.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.49	16.74	16.15	17.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.44	16.81	16.15	17.8	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	19.48	19.56	19.47	20.8	0.0
100	PI/2 BPSK	1	137	19.30	19.32	19.26		
100	PI/2 BPSK	1	271	19.33	19.42	19.42		
100	PI/2 BPSK	135	0	19.57	19.54	19.48	20.8	0.0
100	PI/2 BPSK	135	69	19.26	19.37	19.31	20.8	0.0
100	PI/2 BPSK	135	138	19.35	19.42	19.32	20.8	0.0
100	PI/2 BPSK	270	0	19.49	19.62	19.44		
100	QPSK	1	1	19.25	19.63	19.25	20.8	0.0
100	QPSK	1	137	19.31	19.37	19.39		
100	QPSK	1	271	19.48	19.62	19.43		
100	QPSK	135	0	19.29	19.43	19.26	20.8	0.0
100	QPSK	135	69	19.35	19.55	19.42	20.8	0.0
100	QPSK	135	138	19.48	19.54	19.45	20.8	0.0
100	QPSK	270	0	19.35	19.39	19.32		
100	16QAM	1	1	19.49	19.58	19.42	20.8	0.0
100	64QAM	1	1	19.28	19.37	19.23	20.8	0.0
100	256QAM	1	1	19.25	19.46	19.38	20.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.21	19.51	19.14	20.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.14	19.57	19.09	20.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.15	19.53	19.20	20.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.17	19.49	19.11	20.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.16	19.57	19.19	20.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.14	19.52	19.19	20.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.15	19.48	19.18	20.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.13	19.58	19.12	20.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.20	19.58	19.11	20.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.21	19.55	19.20	20.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.11	19.52	19.18	20.8	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.93		17.8	0.0
100	PI/2 BPSK	1	137		16.82			
100	PI/2 BPSK	1	271		16.76			
100	PI/2 BPSK	135	0		17.00		17.8	0.0
100	PI/2 BPSK	135	69		16.78		17.8	0.0
100	PI/2 BPSK	135	138		16.75		17.8	0.0
100	PI/2 BPSK	270	0		17.03			
100	QPSK	1	1		17.05		17.8	0.0
100	QPSK	1	137		16.80			
100	QPSK	1	271		16.94			
100	QPSK	135	0		16.72		17.8	0.0
100	QPSK	135	69		17.02		17.8	0.0
100	QPSK	135	138		17.01		17.8	0.0
100	QPSK	270	0		16.76			
100	16QAM	1	1		16.95		17.8	0.0
100	64QAM	1	1		16.79		17.8	0.0
100	256QAM	1	1		16.82		17.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.93	17.01	16.90	17.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.91	16.95	16.95	17.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.91	16.95	16.94	17.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.91	16.89	16.91	17.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.97	16.97	17.00	17.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.92	16.94	16.92	17.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.99	16.94	16.98	17.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.97	16.92	16.95	17.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.93	16.98	16.92	17.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.95	16.97	16.90	17.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.97	16.91	16.98	17.8	0.0

Part27O n78 PC2 Ant7								
BW [MHz]	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		19.80		20.8	0.0
100	PI/2 BPSK	1	137		19.67			
100	PI/2 BPSK	1	271		19.69			
100	PI/2 BPSK	135	0		19.80		20.8	0.0
100	PI/2 BPSK	135	69		19.68		20.8	0.0
100	PI/2 BPSK	135	138		19.62		20.8	0.0
100	PI/2 BPSK	270	0		19.80			
100	QPSK	1	1		19.90		20.8	0.0
100	QPSK	1	137		19.65			
100	QPSK	1	271		19.89			
100	QPSK	135	0		19.70		20.8	0.0
100	QPSK	135	69		19.86		20.8	0.0
100	QPSK	135	138		19.80		20.8	0.0
100	QPSK	270	0		19.72			
100	16QAM	1	1		19.83		20.8	0.0
100	64QAM	1	1		19.65		20.8	0.0
100	256QAM	1	1		19.66		20.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.83	19.76	19.81	20.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.82	19.86	19.80	20.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.80	19.81	19.82	20.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.80	19.77	19.84	20.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.85	19.83	19.76	20.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.82	19.79	19.82	20.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.79	19.78	19.78	20.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.77	19.85	19.84	20.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.83	19.82	19.82	20.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.80	19.80	19.80	20.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.84	19.85	19.86	20.8	0.0

Part27O n77 PC3 Ant4

BW [MHz]	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	18.56	18.66	18.63	19.8	0.0
100	PI/2 BPSK	1	137	18.69	18.59	18.47		
100	PI/2 BPSK	1	271	18.53	18.53	18.34		
100	PI/2 BPSK	135	0	18.69	18.69	18.72	19.8	0.0
100	PI/2 BPSK	135	69	18.52	18.68	18.49	19.8	0.0
100	PI/2 BPSK	135	138	18.45	18.62	18.65	19.8	0.0
100	PI/2 BPSK	270	0	18.52	18.69	18.69		
100	QPSK	1	1	18.68	18.76	18.52	19.8	0.0
100	QPSK	1	137	18.46	18.62	18.70		
100	QPSK	1	271	18.53	18.57	18.48		
100	QPSK	135	0	18.44	18.72	18.57	19.8	0.0
100	QPSK	135	69	18.70	18.75	18.68	19.8	0.0
100	QPSK	135	138	18.61	18.67	18.50	19.8	0.0
100	QPSK	270	0	18.44	18.70	18.51		
100	16QAM	1	1	18.27	18.34	18.35	19.8	0.0
100	64QAM	1	1	18.11	18.32	18.30	19.8	0.0
100	256QAM	1	1	18.17	18.37	18.31	19.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.55	18.72	18.40	19.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.61	18.63	18.43	19.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.56	18.68	18.37	19.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.61	18.62	18.46	19.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.58	18.66	18.37	19.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.52	18.65	18.37	19.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.52	18.68	18.38	19.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.54	18.67	18.48	19.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.59	18.60	18.41	19.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.56	18.65	18.36	19.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.57	18.62	18.38	19.8	0.0

Part27O n77 PC2 Ant4

BW [MHz]	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	21.73	21.86	21.71	22.8	0.0
100	PI/2 BPSK	1	137	21.49	21.72	21.50		
100	PI/2 BPSK	1	271	21.38	21.49	21.39		
100	PI/2 BPSK	135	0	21.77	21.89	21.77	22.8	0.0
100	PI/2 BPSK	135	69	21.50	21.66	21.46	22.8	0.0
100	PI/2 BPSK	135	138	21.30	21.49	21.44	22.8	0.0
100	PI/2 BPSK	270	0	21.71	21.90	21.73		
100	QPSK	1	1	21.52	21.98	21.45	22.8	0.0
100	QPSK	1	137	21.31	21.50	21.43		
100	QPSK	1	271	21.71	21.80	21.81		
100	QPSK	135	0	21.48	21.74	21.47	22.8	0.0
100	QPSK	135	69	21.28	21.85	21.46	22.8	0.0
100	QPSK	135	138	21.69	21.75	21.70	22.8	0.0
100	QPSK	270	0	21.53	21.68	21.47		
100	16QAM	1	1	21.73	21.82	21.77	22.8	0.0
100	64QAM	1	1	21.50	21.66	21.46	22.8	0.0
100	256QAM	1	1	21.36	21.48	21.49	22.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.43	21.89	21.30	22.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.36	21.83	21.33	22.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.39	21.93	21.33	22.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.47	21.91	21.38	22.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.89	21.32	22.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.43	21.91	21.37	22.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.90	21.30	22.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.46	21.88	21.31	22.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.47	21.83	21.39	22.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.46	21.89	21.40	22.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.45	21.92	21.36	22.8	0.0

Part27O n78 PC3 Ant4

BW [MHz]	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		18.96		19.8	0.0
100	PI/2 BPSK	1	137		18.94			
100	PI/2 BPSK	1	271		18.99			
100	PI/2 BPSK	135	0		18.97		19.8	0.0
100	PI/2 BPSK	135	69		18.94		19.8	0.0
100	PI/2 BPSK	135	138		18.86		19.8	0.0
100	PI/2 BPSK	270	0		19.01			
100	QPSK	1	1		19.03		19.8	0.0
100	QPSK	1	137		18.83			
100	QPSK	1	271		18.85			
100	QPSK	135	0		19.02		19.8	0.0
100	QPSK	135	69		18.99		19.8	0.0
100	QPSK	135	138		18.83		19.8	0.0
100	QPSK	270	0		18.93			
100	16QAM	1	1		18.75		19.8	0.0
100	64QAM	1	1		18.74		19.8	0.0
100	256QAM	1	1		18.67		19.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.89	18.89	18.91	19.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.98	18.89	18.90	19.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.92	18.89	18.96	19.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.94	18.94	18.91	19.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.91	18.87	18.96	19.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.89	18.91	18.91	19.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.94	18.89	18.96	19.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.90	18.93	18.96	19.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.98	18.94	18.88	19.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.94	18.98	18.88	19.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.93	18.92	18.90	19.8	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		22.04		22.8	0.0
100	PI/2 BPSK	1	137		21.92			
100	PI/2 BPSK	1	271		21.97			
100	PI/2 BPSK	135	0		21.88		22.8	0.0
100	PI/2 BPSK	135	69		21.88		22.8	0.0
100	PI/2 BPSK	135	138		21.92		22.8	0.0
100	PI/2 BPSK	270	0		22.02			
100	QPSK	1	1		22.09		22.8	0.0
100	QPSK	1	137		21.91			
100	QPSK	1	271		22.06			
100	QPSK	135	0		21.90		22.8	0.0
100	QPSK	135	69		21.97		22.8	0.0
100	QPSK	135	138		21.95		22.8	0.0
100	QPSK	270	0		21.93			
100	16QAM	1	1		22.01		22.8	0.0
100	64QAM	1	1		21.94		22.8	0.0
100	256QAM	1	1		21.90		22.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.03	22.00	22.04	22.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.03	21.98	22.02	22.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.05	22.05	22.02	22.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.95	22.05	21.94	22.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.97	21.93	22.01	22.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.99	22.02	22.03	22.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.97	21.99	22.01	22.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.95	22.02	22.03	22.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.04	22.03	22.03	22.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.97	21.94	22.05	22.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.04	22.03	21.95	22.8	0.0

Part27O n77 Ant4

BW [MHz]	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	20.30	20.31	20.15	21.9	0.0
100	PI/2 BPSK	1	137	20.26	20.34	20.31		
100	PI/2 BPSK	1	271	20.24	20.31	20.30		
100	PI/2 BPSK	135	0	20.27	20.31	20.19	21.9	0.0
100	PI/2 BPSK	135	69	20.31	20.23	20.11	21.9	0.0
100	PI/2 BPSK	135	138	20.22	20.12	20.19	21.9	0.0
100	PI/2 BPSK	270	0	20.18	20.21	20.16		
100	QPSK	1	1	20.42	20.45	20.34	21.9	0.0
100	QPSK	1	137	20.18	20.22	20.30		
100	QPSK	1	271	20.15	20.07	20.15		
100	QPSK	135	0	20.26	20.36	20.09	21.9	0.0
100	QPSK	135	69	20.33	20.40	20.26	21.9	0.0
100	QPSK	135	138	20.22	20.12	20.23	21.9	0.0
100	QPSK	270	0	20.26	20.36	20.13		
100	16QAM	1	1	20.21	20.10	20.18	21.9	0.0
100	64QAM	1	1	20.16	20.12	20.23	21.9	0.0
100	256QAM	1	1	20.23	20.12	20.25	21.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.32	20.31	20.26	21.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.30	20.40	20.28	21.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.29	20.36	20.28	21.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.26	20.33	20.20	21.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.33	20.36	20.29	21.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.29	20.33	20.21	21.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.30	20.36	20.23	21.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.29	20.36	20.24	21.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.28	20.33	20.23	21.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.34	20.31	20.25	21.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.34	20.40	20.27	21.9	0.0

Part27O n77 PC2 Ant4

BW [MHz]	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	23.10	23.19	23.16	24.9	0.0
100	PI/2 BPSK	1	137	23.13	23.20	23.07		
100	PI/2 BPSK	1	271	23.12	23.17	23.20		
100	PI/2 BPSK	135	0	23.16	23.19	23.22	24.9	0.0
100	PI/2 BPSK	135	69	23.18	23.17	23.04	24.9	0.0
100	PI/2 BPSK	135	138	23.07	23.20	23.20	24.9	0.0
100	PI/2 BPSK	270	0	23.08	23.18	23.15		
100	QPSK	1	1	23.15	23.28	23.02	24.9	0.0
100	QPSK	1	137	23.03	23.14	23.16		
100	QPSK	1	271	23.07	23.18	23.16		
100	QPSK	135	0	23.18	23.20	23.10	24.9	0.0
100	QPSK	135	69	23.05	23.23	23.18	24.9	0.0
100	QPSK	135	138	23.13	23.14	23.14	24.9	0.0
100	QPSK	270	0	23.17	23.25	23.05		
100	16QAM	1	1	23.12	23.27	23.17	24.9	0.0
100	64QAM	1	1	22.83	22.75	22.64	24.4	0.5
100	256QAM	1	1	20.74	20.63	20.53	22.4	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.05	23.23	23.10	24.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.08	23.23	23.10	24.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.10	23.15	23.13	24.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.03	23.23	23.12	24.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.10	23.21	23.14	24.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.04	23.18	23.16	24.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.05	23.22	23.12	24.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.10	23.16	23.19	24.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.03	23.13	23.08	24.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.05	23.18	23.12	24.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.05	23.21	23.14	24.9	0.0

Part27O n78 Ant4

BW [MHz]	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		20.63		21.9	0.0
100	PI/2 BPSK	1	137		20.54			
100	PI/2 BPSK	1	271		20.57			
100	PI/2 BPSK	135	0		20.55		21.9	0.0
100	PI/2 BPSK	135	69		20.56		21.9	0.0
100	PI/2 BPSK	135	138		20.60		21.9	0.0
100	PI/2 BPSK	270	0		20.70			
100	QPSK	1	1		20.77		21.9	0.0
100	QPSK	1	137		20.50			
100	QPSK	1	271		20.60			
100	QPSK	135	0		20.69		21.9	0.0
100	QPSK	135	69		20.73		21.9	0.0
100	QPSK	135	138		20.62		21.9	0.0
100	QPSK	270	0		20.62			
100	16QAM	1	1		20.35		21.9	0.0
100	64QAM	1	1		20.49		21.9	0.0
100	256QAM	1	1		20.41		21.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.62	20.64	20.67	21.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.62	20.73	20.67	21.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.72	20.72	20.66	21.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.66	20.62	20.61	21.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.64	20.63	20.66	21.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.72	20.65	20.71	21.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.70	20.71	20.65	21.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.63	20.62	20.64	21.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.66	20.70	20.64	21.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.62	20.70	20.62	21.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.70	20.65	20.72	21.9	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		23.46		24.9	0.0
100	PI/2 BPSK	1	137		23.35			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.43		24.9	0.0
100	PI/2 BPSK	135	69		23.38		24.9	0.0
100	PI/2 BPSK	135	138		23.33		24.9	0.0
100	PI/2 BPSK	270	0		23.42			
100	QPSK	1	1		23.55		24.9	0.0
100	QPSK	1	137		23.29			
100	QPSK	1	271		23.41			
100	QPSK	135	0		23.40		24.9	0.0
100	QPSK	135	69		23.46		24.9	0.0
100	QPSK	135	138		23.32		24.9	0.0
100	QPSK	270	0		23.36			
100	16QAM	1	1		23.25		24.9	0.0
100	64QAM	1	1		23.07		24.4	0.5
100	256QAM	1	1		21.19		22.4	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.42	23.50	23.39	24.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.47	23.47	23.46	24.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.39	23.42	23.48	24.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.44	23.40	23.47	24.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.51	23.44	23.41	24.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.41	23.43	23.50	24.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.47	23.40	23.50	24.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.41	23.39	23.47	24.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.44	23.41	23.45	24.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.49	23.44	23.42	24.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.50	23.41	23.45	24.9	0.0

Part27O n77 PC3 Ant4

BW [MHz]	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	14.05	14.09	14.07	15.2	0.0
100	PI/2 BPSK	1	137	13.81	13.83	13.70		
100	PI/2 BPSK	1	271	13.75	13.78	13.87		
100	PI/2 BPSK	135	0	13.88	14.04	13.78	15.2	0.0
100	PI/2 BPSK	135	69	13.78	13.88	13.91	15.2	0.0
100	PI/2 BPSK	135	138	13.87	13.86	13.79	15.2	0.0
100	PI/2 BPSK	270	0	13.82	13.98	14.00		
100	QPSK	1	1	14.10	14.25	14.19	15.2	0.0
100	QPSK	1	137	13.68	13.87	13.85		
100	QPSK	1	271	13.64	13.92	13.65		
100	QPSK	135	0	14.08	14.08	14.09	15.2	0.0
100	QPSK	135	69	14.09	14.20	14.03	15.2	0.0
100	QPSK	135	138	13.90	13.88	13.80	15.2	0.0
100	QPSK	270	0	14.02	14.09	14.08		
100	16QAM	1	1	13.66	13.81	13.71	15.2	0.0
100	64QAM	1	1	13.76	13.79	13.77	15.2	0.0
100	256QAM	1	1	13.80	13.85	13.87	15.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.98	14.11	14.09	15.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.98	14.14	14.11	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.00	14.12	14.13	15.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.97	14.16	14.08	15.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.97	14.20	14.07	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.04	14.14	14.07	15.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.01	14.10	14.13	15.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.97	14.19	14.04	15.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.97	14.19	14.05	15.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.98	14.10	14.09	15.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.99	14.17	14.14	15.2	0.0

Part27O n77 PC2 Ant4

BW [MHz]	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	16.98	17.13	16.90	18.2	0.0
100	PI/2 BPSK	1	137	16.61	16.71	16.67		
100	PI/2 BPSK	1	271	16.53	16.74	16.85		
100	PI/2 BPSK	135	0	17.09	17.05	16.90	18.2	0.0
100	PI/2 BPSK	135	69	16.61	16.71	16.71	18.2	0.0
100	PI/2 BPSK	135	138	16.59	16.67	16.85	18.2	0.0
100	PI/2 BPSK	270	0	17.09	17.05	16.92		
100	QPSK	1	1	16.66	17.14	16.68	18.2	0.0
100	QPSK	1	137	16.53	16.75	16.82		
100	QPSK	1	271	17.04	17.07	16.88		
100	QPSK	135	0	16.64	16.77	16.63	18.2	0.0
100	QPSK	135	69	16.54	17.06	16.86	18.2	0.0
100	QPSK	135	138	16.99	17.00	16.86	18.2	0.0
100	QPSK	270	0	16.61	16.78	16.68		
100	16QAM	1	1	17.05	17.06	16.88	18.2	0.0
100	64QAM	1	1	16.61	16.75	16.69	18.2	0.0
100	256QAM	1	1	16.52	16.70	16.78	18.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.60	16.99	16.60	18.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.57	17.01	16.58	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.57	17.07	16.63	18.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.60	17.07	16.57	18.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.58	17.04	16.57	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.54	17.07	16.63	18.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.55	17.05	16.63	18.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.55	17.08	16.57	18.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.54	16.98	16.60	18.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.57	17.05	16.57	18.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.57	17.06	16.57	18.2	0.0

Part27O n78 PC3 Ant4

BW [MHz]	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		14.44		15.2	0.0
100	PI/2 BPSK	1	137		14.43			
100	PI/2 BPSK	1	271		14.47			
100	PI/2 BPSK	135	0		14.33		15.2	0.0
100	PI/2 BPSK	135	69		14.48		15.2	0.0
100	PI/2 BPSK	135	138		14.45		15.2	0.0
100	PI/2 BPSK	270	0		14.35			
100	QPSK	1	1		14.53		15.2	0.0
100	QPSK	1	137		14.39			
100	QPSK	1	271		14.43			
100	QPSK	135	0		14.44		15.2	0.0
100	QPSK	135	69		14.49		15.2	0.0
100	QPSK	135	138		14.39		15.2	0.0
100	QPSK	270	0		14.38			
100	16QAM	1	1		14.10		15.2	0.0
100	64QAM	1	1		14.15		15.2	0.0
100	256QAM	1	1		14.20		15.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.43	14.38	14.38	15.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.44	14.39	14.47	15.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.42	14.45	14.40	15.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.48	14.38	14.47	15.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.38	14.48	14.41	15.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.44	14.39	14.40	15.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.43	14.44	14.41	15.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.47	14.45	14.39	15.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.45	14.39	14.38	15.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.40	14.43	14.45	15.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.38	14.43	14.49	15.2	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		17.59		18.2	0.0
100	PI/2 BPSK	1	137		17.40			
100	PI/2 BPSK	1	271		17.39			
100	PI/2 BPSK	135	0		17.56		18.2	0.0
100	PI/2 BPSK	135	69		17.36		18.2	0.0
100	PI/2 BPSK	135	138		17.38		18.2	0.0
100	PI/2 BPSK	270	0		17.58			
100	QPSK	1	1		17.61		18.2	0.0
100	QPSK	1	137		17.33			
100	QPSK	1	271		17.51			
100	QPSK	135	0		17.30		18.2	0.0
100	QPSK	135	69		17.35		18.2	0.0
100	QPSK	135	138		17.22		18.2	0.0
100	QPSK	270	0		17.35			
100	16QAM	1	1		17.22		18.2	0.0
100	64QAM	1	1		17.32		18.2	0.0
100	256QAM	1	1		17.37		18.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.54	17.52	17.52	18.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.50	17.49	17.46	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.46	17.56	17.53	18.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.56	17.46	17.49	18.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.55	17.56	17.54	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.56	17.54	17.54	18.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.53	17.51	17.57	18.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.53	17.47	17.55	18.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.47	17.47	17.50	18.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.46	17.52	17.47	18.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.56	17.51	17.56	18.2	0.0

Reduced Power Mode for ECI4

n5 Ant0

BW [MHz]	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	22.49	22.59	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.69	22.55		
20	PI/2 BPSK	1	104	22.56	22.64	22.54		
20	PI/2 BPSK	50	0	22.17	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.72	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.22	22.22	22.13	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.23	22.07		
20	QPSK	1	1	22.71	22.75	22.62	24.0	0.0
20	QPSK	1	53	22.51	22.71	22.59		
20	QPSK	1	104	22.48	22.65	22.65		
20	QPSK	50	0	21.63	21.70	21.65	23.0	1.0
20	QPSK	50	28	22.55	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.66	23.0	1.0
20	QPSK	100	0	21.56	21.71	21.69		
20	16QAM	1	1	21.17	21.33	21.18	23.0	1.0
20	64QAM	1	1	19.96	19.93	19.83	21.5	2.5
20	256QAM	1	1	18.57	18.61	18.44	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	22.51	22.61	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.43	22.63	22.57	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	22.44	22.69	22.54	24.0	0.0

n26 Ant0

BW [MHz]	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	22.58	22.69	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.52	22.70	22.69		
20	PI/2 BPSK	1	104	22.60	22.66	22.47		
20	PI/2 BPSK	50	0	22.19	22.26	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.74	22.78	22.69	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.25	22.08	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.25	22.22		
20	QPSK	1	1	22.74	22.80	22.76	24.0	0.0
20	QPSK	1	53	22.50	22.71	22.68		
20	QPSK	1	104	22.50	22.70	22.49		
20	QPSK	50	0	21.72	21.74	21.75	23.0	1.0
20	QPSK	50	28	22.66	22.77	22.58	24.0	0.0
20	QPSK	50	56	21.58	21.73	21.59	23.0	1.0
20	QPSK	100	0	21.59	21.73	21.65		
20	16QAM	1	1	21.35	21.46	21.47	23.0	1.0
20	64QAM	1	1	19.90	20.05	20.06	21.5	2.5
20	256QAM	1	1	18.67	18.68	18.52	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	22.46	22.65	22.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.69	22.52	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	22.48	22.60	22.52	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.83	23.00	22.90	24.0	0.0
20	PI/2 BPSK	1	53	22.86	23.09	22.96		
20	PI/2 BPSK	1	104	23.02	23.01	22.97		
20	PI/2 BPSK	50	0	22.55	22.56	22.55	23.5	0.5
20	PI/2 BPSK	50	28	23.13	23.11	23.10	24.0	0.0
20	PI/2 BPSK	50	56	22.57	22.60	22.48	23.5	0.5
20	PI/2 BPSK	100	0	22.36	22.56	22.53		
20	QPSK	1	1	23.08	23.14	23.01	24.0	0.0
20	QPSK	1	53	22.94	23.04	22.92		
20	QPSK	1	104	22.99	23.01	23.00		
20	QPSK	50	0	21.97	22.05	21.97	23.0	1.0
20	QPSK	50	28	23.02	23.10	23.08	24.0	0.0
20	QPSK	50	56	22.10	22.10	21.89	23.0	1.0
20	QPSK	100	0	22.02	22.06	22.04		
20	16QAM	1	1	21.63	21.75	21.58	23.0	1.0
20	64QAM	1	1	20.40	20.46	20.39	21.5	2.5
20	256QAM	1	1	18.96	19.02	19.09	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.43	22.67	22.57	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.43	22.64	22.58	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	22.52	22.61	22.52	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	22.26	22.33	22.32	24.0	0.0
40	PI/2 BPSK	1	53	22.45	22.45	22.45		
40	PI/2 BPSK	1	104	22.67	22.73	22.65		
40	PI/2 BPSK	50	0	21.83	21.88	21.84	23.5	0.5
40	PI/2 BPSK	50	28	22.31	22.49	22.36	24.0	0.0
40	PI/2 BPSK	50	56	21.94	22.05	22.02	23.5	0.5
40	PI/2 BPSK	100	0	21.94	22.01	21.99		
40	QPSK	1	1	22.66	22.75	22.63	24.0	0.0
40	QPSK	1	53	22.55	22.62	22.53		
40	QPSK	1	104	22.53	22.65	22.50		
40	QPSK	50	0	21.24	21.39	21.18	23.0	1.0
40	QPSK	50	28	22.41	22.47	22.27	24.0	0.0
40	QPSK	50	56	21.41	21.46	21.27	23.0	1.0
40	QPSK	100	0	21.43	21.47	21.37		
40	16QAM	1	1	21.07	21.07	21.12	23.0	1.0
40	64QAM	1	1	19.65	19.64	19.62	21.5	2.5
40	256QAM	1	1	18.15	18.26	18.22	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	22.55	22.64	22.55	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	22.55	22.65	22.57	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.66	22.55	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	22.54	22.67	22.55	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	22.53	22.65	22.56	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	22.43	22.59	22.58	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.66	22.62		
100	PI/2 BPSK	1	271	22.46	22.47	22.33		
100	PI/2 BPSK	135	0	22.26	22.39	22.26	23.5	0.5
100	PI/2 BPSK	135	69	22.70	22.69	22.68	24.0	0.0
100	PI/2 BPSK	135	138	22.43	22.50	22.51	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.57	22.48		
100	QPSK	1	1	22.66	22.77	22.55	24.0	0.0
100	QPSK	1	137	22.42	22.62	22.54		
100	QPSK	1	271	22.45	22.46	22.38		
100	QPSK	135	0	22.26	22.39	22.32	23.0	1.0
100	QPSK	135	69	22.48	22.68	22.66	24.0	0.0
100	QPSK	135	138	22.41	22.48	22.44	23.0	1.0
100	QPSK	270	0	22.39	22.46	22.37		
100	16QAM	1	1	22.24	22.31	22.30	23.0	1.0
100	64QAM	1	1	21.24	21.20	21.12	21.5	2.5
100	256QAM	1	1	18.11	18.11	18.10	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	22.44	22.65	22.52	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	22.51	22.62	22.61	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	22.48	22.66	22.56	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	22.48	22.64	22.60	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	22.43	22.64	22.55	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	22.45	22.70	22.55	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	22.48	22.67	22.56	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	22.44	22.66	22.58	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	22.49	22.67	22.54	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	22.52	22.67	22.55	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	22.44	22.62	22.56	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	22.42	22.67	22.58	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	22.49	22.68	22.56	24.0	0.0

n2 Ant1

BW [MHz]	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	22.01	22.09	21.96	23.0	0.0
40	PI/2 BPSK	1	108	21.89	22.03	21.82		
40	PI/2 BPSK	1	214	21.91	22.02	22.02		
40	PI/2 BPSK	108	0	21.62	21.71	21.72	22.5	0.5
40	PI/2 BPSK	108	54	22.12	22.12	22.02	23.0	0.0
40	PI/2 BPSK	108	108	21.51	21.65	21.60	22.5	0.5
40	PI/2 BPSK	216	0	21.66	21.65	21.64		
40	QPSK	1	1	22.12	22.16	22.09	23.0	0.0
40	QPSK	1	108	21.92	22.00	21.90		
40	QPSK	1	214	21.98	22.03	21.86		
40	QPSK	108	0	20.97	21.04	21.00	22.0	1.0
40	QPSK	108	54	22.13	22.14	22.04	23.0	0.0
40	QPSK	108	108	21.11	21.11	21.04	22.0	1.0
40	QPSK	216	0	20.93	21.15	21.11		
40	16QAM	1	1	20.78	20.84	20.68	22.0	1.0
40	64QAM	1	1	19.25	19.39	19.25	20.5	2.5
40	256QAM	1	1	17.78	17.89	17.84	18.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.06	22.05	21.98	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.07	22.08	21.97	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.06	22.10	21.98	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.07	22.07	22.01	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.02	22.04	22.02	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.04	22.05	22.01	18.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.05	22.08	22.03	18.0	2.5

n5 Ant1

BW [MHz]	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	22.17	22.23	22.18	24.0	0.0
20	PI/2 BPSK	1	53	22.22	22.34	22.36		
20	PI/2 BPSK	1	104	22.28	22.29	22.15		
20	PI/2 BPSK	50	0	21.80	21.87	21.73	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.37	22.22	24.0	0.0
20	PI/2 BPSK	50	56	21.83	21.89	21.91	23.5	0.5
20	PI/2 BPSK	100	0	21.78	21.89	21.85		
20	QPSK	1	1	22.30	22.46	22.42	24.0	0.0
20	QPSK	1	53	22.18	22.36	22.35		
20	QPSK	1	104	22.06	22.29	22.22		
20	QPSK	50	0	21.28	21.37	21.39	23.0	1.0
20	QPSK	50	28	22.27	22.40	22.24	24.0	0.0
20	QPSK	50	56	21.40	21.38	21.25	23.0	1.0
20	QPSK	100	0	21.36	21.39	21.34		
20	16QAM	1	1	21.39	21.44	21.46	23.0	1.0
20	64QAM	1	1	19.67	19.60	19.72	21.5	2.5
20	256QAM	1	1	18.31	18.26	18.11	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	22.20	22.33	22.14	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.16	22.27	22.19	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	22.15	22.33	22.17	24.0	0.0

n7 Ant1

BW [MHz]	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	21.90	21.93	21.81	23.0	0.0
50	PI/2 BPSK	1	135	22.03	22.20	22.22		
50	PI/2 BPSK	1	268	21.95	21.98	21.94		
50	PI/2 BPSK	135	0	21.67	21.65	21.61	22.5	0.5
50	PI/2 BPSK	135	68	22.05	22.17	22.18	23.0	0.0
50	PI/2 BPSK	135	135	21.62	21.71	21.72	22.5	0.5
50	PI/2 BPSK	270	0	21.51	21.73	21.50		
50	QPSK	1	1	22.20	22.25	22.18	23.0	0.0
50	QPSK	1	135	22.07	22.12	21.91		
50	QPSK	1	268	21.94	22.04	22.02		
50	QPSK	135	0	20.96	21.18	21.12	22.0	1.0
50	QPSK	135	68	22.11	22.22	22.08	23.0	0.0
50	QPSK	135	135	21.08	21.17	21.02	22.0	1.0
50	QPSK	270	0	21.13	21.22	21.01		
50	16QAM	1	1	20.76	20.76	20.70	22.0	1.0
50	64QAM	1	1	19.25	19.32	19.15	20.5	2.5
50	256QAM	1	1	17.89	17.88	17.74	18.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.15	22.18	22.14	23.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.10	22.20	22.15	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.08	22.16	22.07	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.08	22.17	22.14	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.14	22.13	22.09	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.13	22.19	22.15	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.16	22.14	22.11	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.12	22.21	22.08	23.0	0.0

n26 Ant1

BW [MHz]	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	22.28	22.33	22.28	24.0	0.0
20	PI/2 BPSK	1	53	22.18	22.30	22.21		
20	PI/2 BPSK	1	104	22.35	22.33	22.28		
20	PI/2 BPSK	50	0	21.91	21.93	21.82	23.5	0.5
20	PI/2 BPSK	50	28	22.43	22.43	22.29	24.0	0.0
20	PI/2 BPSK	50	56	21.89	21.93	21.89	23.5	0.5
20	PI/2 BPSK	100	0	21.92	21.92	21.78		
20	QPSK	1	1	22.43	22.47	22.31	24.0	0.0
20	QPSK	1	53	22.33	22.34	22.24		
20	QPSK	1	104	22.21	22.34	22.32		
20	QPSK	50	0	21.42	21.42	21.36	23.0	1.0
20	QPSK	50	28	22.35	22.41	22.28	24.0	0.0
20	QPSK	50	56	21.26	21.41	21.25	23.0	1.0
20	QPSK	100	0	21.31	21.40	21.25		
20	16QAM	1	1	21.14	21.11	21.03	23.0	1.0
20	64QAM	1	1	19.79	19.72	19.73	21.5	2.5
20	256QAM	1	1	18.29	18.35	18.41	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	22.17	22.36	22.15	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.15	22.30	22.14	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	22.23	22.36	22.18	24.0	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.98	22.13	22.10	23.0	0.0
40	PI/2 BPSK	1	108	21.95	22.08	21.90		
40	PI/2 BPSK	1	214	21.94	22.04	21.98		
40	PI/2 BPSK	108	0	21.54	21.75	21.55	22.5	0.5
40	PI/2 BPSK	108	54	22.00	22.19	22.06	23.0	0.0
40	PI/2 BPSK	108	108	21.56	21.62	21.43	22.5	0.5
40	PI/2 BPSK	216	0	21.56	21.63	21.61		
40	QPSK	1	1	22.13	22.21	22.15	23.0	0.0
40	QPSK	1	108	22.03	22.11	22.06		
40	QPSK	1	214	22.07	22.06	21.92		
40	QPSK	108	0	21.17	21.22	21.13	22.0	1.0
40	QPSK	108	54	22.01	22.18	22.16	23.0	0.0
40	QPSK	108	108	21.03	21.07	21.06	22.0	1.0
40	QPSK	216	0	21.07	21.11	21.05		
40	16QAM	1	1	20.87	20.91	20.73	22.0	1.0
40	64QAM	1	1	19.46	19.44	19.51	20.5	2.5
40	256QAM	1	1	17.85	18.01	17.84	18.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.08	22.13	22.06	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.15	22.19	22.09	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	22.07	22.18	22.13	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.09	22.15	22.05	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	22.08	22.14	22.05	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.09	22.16	22.10	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	22.12	22.20	22.10	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.36	22.51	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.47	22.60	22.47		
20	PI/2 BPSK	1	104	22.49	22.51	22.46		
20	PI/2 BPSK	50	0	21.96	22.06	21.97	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.52	22.50	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.12	21.92	23.5	0.5
20	PI/2 BPSK	100	0	22.10	22.07	22.05		
20	QPSK	1	1	22.55	22.62	22.50	24.0	0.0
20	QPSK	1	53	22.44	22.59	22.42		
20	QPSK	1	104	22.38	22.50	22.36		
20	QPSK	50	0	21.51	21.54	21.47	23.0	1.0
20	QPSK	50	28	22.53	22.58	22.51	24.0	0.0
20	QPSK	50	56	21.45	21.61	21.53	23.0	1.0
20	QPSK	100	0	21.45	21.57	21.44		
20	16QAM	1	1	21.20	21.25	21.08	23.0	1.0
20	64QAM	1	1	19.91	19.97	19.88	21.5	2.5
20	256QAM	1	1	18.58	18.52	18.42	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.09	22.15	22.05	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.14	22.20	22.06	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	22.08	22.13	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.34	22.43	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.11	22.29	22.30		
40	PI/2 BPSK	1	104	22.27	22.34	22.25		
40	PI/2 BPSK	50	0	21.70	21.68	21.51	23.5	0.5
40	PI/2 BPSK	50	28	22.14	22.23	22.23	24.0	0.0
40	PI/2 BPSK	50	56	21.61	21.81	21.75	23.5	0.5
40	PI/2 BPSK	100	0	21.73	21.79	21.82		
40	QPSK	1	1	22.45	22.59	22.48	24.0	0.0
40	QPSK	1	53	22.12	22.35	22.38		
40	QPSK	1	104	22.13	22.23	22.04		
40	QPSK	50	0	21.02	21.14	21.09	23.0	1.0
40	QPSK	50	28	22.26	22.45	22.38	24.0	0.0
40	QPSK	50	56	21.22	21.25	21.05	23.0	1.0
40	QPSK	100	0	21.28	21.43	21.23		
40	16QAM	1	1	21.36	21.48	21.31	23.0	1.0
40	64QAM	1	1	20.10	20.05	20.10	21.5	2.5
40	256QAM	1	1	18.02	18.03	18.09	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	22.13	22.15	22.10	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	22.08	22.19	22.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.10	22.22	22.15	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	22.15	22.17	22.13	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	22.13	22.12	22.12	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	23.36	23.43	23.41	24.0	0.0
100	PI/2 BPSK	1	137	23.28	23.38	23.33		
100	PI/2 BPSK	1	271	23.29	23.27	23.08		
100	PI/2 BPSK	135	0	23.16	23.21	23.15	23.5	0.5
100	PI/2 BPSK	135	69	23.37	23.41	23.23	24.0	0.0
100	PI/2 BPSK	135	138	23.12	23.28	23.28	23.5	0.5
100	PI/2 BPSK	270	0	23.34	23.37	23.35		
100	QPSK	1	1	23.34	23.45	23.41	24.0	0.0
100	QPSK	1	137	23.22	23.36	23.19		
100	QPSK	1	271	23.15	23.25	23.06		
100	QPSK	135	0	22.08	22.22	22.12	23.0	1.0
100	QPSK	135	69	23.40	23.41	23.21	24.0	0.0
100	QPSK	135	138	22.16	22.24	22.14	23.0	1.0
100	QPSK	270	0	22.16	22.34	22.13		
100	16QAM	1	1	22.26	22.38	22.35	23.0	1.0
100	64QAM	1	1	20.77	20.92	20.89	21.5	2.5
100	256QAM	1	1	18.97	18.99	18.95	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	23.23	23.41	23.29	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	23.25	23.34	23.35	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	23.29	23.35	23.37	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	23.21	23.36	23.33	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	23.30	23.37	23.36	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	23.31	23.34	23.37	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	23.26	23.35	23.31	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	23.27	23.36	23.36	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	23.23	23.33	23.36	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	23.28	23.32	23.36	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	23.26	23.36	23.30	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	23.24	23.34	23.29	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	23.25	23.34	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	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	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.87	23.03	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.82	22.92	22.74		
40	PI/2 BPSK	1	214	22.74	22.83	22.66		
40	PI/2 BPSK	108	0	22.43	22.54	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.89	23.03	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.35	22.29	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.47	22.31		
40	QPSK	1	1	23.11	23.15	23.02	24.0	0.0
40	QPSK	1	108	22.85	22.96	22.83		
40	QPSK	1	214	22.60	22.82	22.80		
40	QPSK	108	0	21.83	22.04	22.05	23.0	1.0
40	QPSK	108	54	22.93	23.08	23.02	24.0	0.0
40	QPSK	108	108	21.76	21.84	21.75	23.0	1.0
40	QPSK	216	0	21.84	21.93	21.89		
40	16QAM	1	1	21.82	21.79	21.63	23.0	1.0
40	64QAM	1	1	20.22	20.32	20.29	21.5	2.5
40	256QAM	1	1	18.89	18.93	18.92	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.93	23.03	22.94	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	22.92	23.05	22.88	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.99	23.04	22.94	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	22.92	22.99	22.91	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.95	23.04	22.89	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	22.98	22.97	22.92	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	23.41	23.38	23.26	24.0	0.0
40	PI/2 BPSK	1	53	23.48	23.54	23.54		
40	PI/2 BPSK	1	104	23.41	23.60	23.53		
40	PI/2 BPSK	50	0	22.93	22.96	22.91	23.5	0.5
40	PI/2 BPSK	50	28	23.29	23.51	23.34	24.0	0.0
40	PI/2 BPSK	50	56	23.11	23.12	23.10	23.5	0.5
40	PI/2 BPSK	100	0	22.89	23.02	22.80		
40	QPSK	1	1	23.59	23.68	23.64	24.0	0.0
40	QPSK	1	53	23.52	23.58	23.61		
40	QPSK	1	104	23.55	23.66	23.56		
40	QPSK	50	0	22.31	22.44	22.22	23.0	1.0
40	QPSK	50	28	23.36	23.52	23.36	24.0	0.0
40	QPSK	50	56	22.29	22.51	22.32	23.0	1.0
40	QPSK	100	0	22.41	22.48	22.29		
40	16QAM	1	1	21.98	22.08	22.04	23.0	1.0
40	64QAM	1	1	20.71	20.66	20.68	21.5	2.5
40	256QAM	1	1	19.18	19.23	19.10	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	23.53	23.63	23.60	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	23.52	23.58	23.55	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.48	23.55	23.58	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	23.52	23.56	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	23.49	23.62	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.57	23.67	23.60	24.0	0.0
100	PI/2 BPSK	1	137	23.50	23.69	23.62		
100	PI/2 BPSK	1	271	23.48	23.59	23.42		
100	PI/2 BPSK	135	0	22.86	23.05	22.83	23.5	0.5
100	PI/2 BPSK	135	69	23.49	23.67	23.45	24.0	0.0
100	PI/2 BPSK	135	138	23.16	23.16	22.95	23.5	0.5
100	PI/2 BPSK	270	0	23.00	23.21	23.23		
100	QPSK	1	1	23.63	23.71	23.69	24.0	0.0
100	QPSK	1	137	23.43	23.66	23.58		
100	QPSK	1	271	23.34	23.56	23.50		
100	QPSK	135	0	22.59	22.68	22.71	23.0	1.0
100	QPSK	135	69	23.63	23.65	23.53	24.0	0.0
100	QPSK	135	138	22.66	22.74	22.63	23.0	1.0
100	QPSK	270	0	22.55	22.69	22.67		
100	16QAM	1	1	22.61	22.58	22.46	23.0	1.0
100	64QAM	1	1	21.10	21.16	21.06	21.5	2.5
100	256QAM	1	1	19.18	19.25	19.16	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	23.48	23.58	23.52	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	23.49	23.58	23.55	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	23.55	23.55	23.55	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	23.60	23.59	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	23.52	23.59	23.59	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	23.52	23.61	23.60	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	23.48	23.55	23.51	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	23.55	23.61	23.52	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	23.52	23.59	23.60	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	23.54	23.59	23.60	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	23.51	23.65	23.60	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	23.56	23.59	23.59	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	23.62	23.52	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	23.50	23.53	23.39	24.5	0.0
100	PI/2 BPSK	1	137	23.28	23.46	23.28		
100	PI/2 BPSK	1	271	23.60	23.59	23.38		
100	PI/2 BPSK	135	0	23.45	23.56	23.41	24.5	0.0
100	PI/2 BPSK	135	69	23.42	23.59	23.40	24.5	0.0
100	PI/2 BPSK	135	138	23.56	23.61	23.42	24.5	0.0
100	PI/2 BPSK	270	0	23.52	23.63	23.58		
100	QPSK	1	1	23.73	23.75	23.61	24.5	0.0
100	QPSK	1	137	23.49	23.46	23.25		
100	QPSK	1	271	23.53	23.56	23.36		
100	QPSK	135	0	23.49	23.50	23.44	24.5	0.0
100	QPSK	135	69	23.46	23.67	23.50	24.5	0.0
100	QPSK	135	138	23.50	23.61	23.51	24.5	0.0
100	QPSK	270	0	23.40	23.55	23.41		
100	16QAM	1	1	23.27	23.34	23.19	24.5	0.0
100	64QAM	1	1	23.22	23.32	23.32	24.5	0.0
100	256QAM	1	1	22.43	22.48	22.55	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.19	23.20	23.07	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.20	23.21	22.99	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.20	23.13	22.98	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.12	23.22	23.03	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.11	23.19	22.99	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.14	23.20	23.00	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.13	23.13	23.07	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.15	23.15	23.03	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.16	23.21	23.03	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.14	23.15	23.00	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.20	23.01	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	26.42	26.46	26.40	27.5	0.0
100	PI/2 BPSK	1	137	26.35	26.39	26.34		
100	PI/2 BPSK	1	271	26.39	26.50	26.40		
100	PI/2 BPSK	135	0	25.81	26.01	25.88	27.0	0.5
100	PI/2 BPSK	135	69	26.39	26.49	26.43	27.5	0.0
100	PI/2 BPSK	135	138	25.77	25.99	25.88	27.0	0.5
100	PI/2 BPSK	270	0	25.90	25.98	25.97		
100	QPSK	1	1	26.52	26.58	26.44	27.5	0.0
100	QPSK	1	137	26.29	26.37	26.27		
100	QPSK	1	271	26.30	26.41	26.37		
100	QPSK	135	0	25.33	25.51	25.43	26.5	1.0
100	QPSK	135	69	26.45	26.53	26.40	27.5	0.0
100	QPSK	135	138	25.54	25.55	25.50	26.5	1.0
100	QPSK	270	0	25.40	25.61	25.58		
100	16QAM	1	1	25.50	25.57	25.51	26.5	1.0
100	64QAM	1	1	24.07	24.07	24.05	25.0	2.5
100	256QAM	1	1	22.08	22.08	22.16	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.98	26.00	25.84	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.95	25.98	25.84	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.92	25.96	25.85	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.96	26.01	25.88	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.89	25.97	25.85	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.02	25.86	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.92	26.02	25.86	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.94	26.01	25.90	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.97	26.05	25.85	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.95	26.05	25.90	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.90	25.95	25.91	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.97		24.5	0.0
100	PI/2 BPSK	1	137		23.79			
100	PI/2 BPSK	1	271		23.78			
100	PI/2 BPSK	135	0		23.86		24.5	0.0
100	PI/2 BPSK	135	69		23.91		24.5	0.0
100	PI/2 BPSK	135	138		23.78		24.5	0.0
100	PI/2 BPSK	270	0		23.93			
100	QPSK	1	1		23.98		24.5	0.0
100	QPSK	1	137		23.78			
100	QPSK	1	271		23.77			
100	QPSK	135	0		23.84		24.5	0.0
100	QPSK	135	69		23.93		24.5	0.0
100	QPSK	135	138		23.77		24.5	0.0
100	QPSK	270	0		23.89			
100	16QAM	1	1		23.73		24.5	0.0
100	64QAM	1	1		23.74		24.5	0.0
100	256QAM	1	1		22.86		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.13	23.22	23.06	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.17	23.15	23.03	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.19	23.22	23.07	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.13	23.16	23.02	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.11	23.13	23.01	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.13	23.15	22.99	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.16	23.18	23.05	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.11	23.13	22.99	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.19	23.15	23.05	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.18	23.22	23.08	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.20	23.20	22.99	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.70		27.5	0.0
100	PI/2 BPSK	1	137		26.81			
100	PI/2 BPSK	1	271		26.66			
100	PI/2 BPSK	135	0		26.49		27.0	0.5
100	PI/2 BPSK	135	69		26.79		27.5	0.0
100	PI/2 BPSK	135	138		26.18		27.0	0.5
100	PI/2 BPSK	270	0		26.38			
100	QPSK	1	1		26.83		27.5	0.0
100	QPSK	1	137		26.67			
100	QPSK	1	271		26.63			
100	QPSK	135	0		25.96		26.5	1.0
100	QPSK	135	69		26.73		27.5	0.0
100	QPSK	135	138		25.66		26.5	1.0
100	QPSK	270	0		25.88			
100	16QAM	1	1		26.06		26.5	1.0
100	64QAM	1	1		24.51		25.0	2.5
100	256QAM	1	1		22.41		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.98	25.98	25.83	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.91	25.97	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.95	25.98	25.89	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.92	25.99	25.90	27.5	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	26.01	25.83	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.90	26.03	25.84	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.94	26.03	25.90	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.90	25.99	25.84	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.98	26.03	25.85	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.93	25.99	25.85	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	25.98	25.82	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.54	23.64	23.62	24.5	0.0
100	PI/2 BPSK	1	137	23.65	23.65	23.43		
100	PI/2 BPSK	1	271	23.51	23.56	23.33		
100	PI/2 BPSK	135	0	23.75	23.74	23.73	24.5	0.0
100	PI/2 BPSK	135	69	23.56	23.68	23.51	24.5	0.0
100	PI/2 BPSK	135	138	23.49	23.62	23.63	24.5	0.0
100	PI/2 BPSK	270	0	23.49	23.64	23.63		
100	QPSK	1	1	23.72	23.76	23.56	24.5	0.0
100	QPSK	1	137	23.40	23.62	23.65		
100	QPSK	1	271	23.58	23.56	23.50		
100	QPSK	135	0	23.49	23.68	23.54	24.5	0.0
100	QPSK	135	69	23.69	23.74	23.67	24.5	0.0
100	QPSK	135	138	23.66	23.65	23.54	24.5	0.0
100	QPSK	270	0	23.46	23.68	23.56		
100	16QAM	1	1	23.27	23.38	23.33	24.5	0.0
100	64QAM	1	1	23.16	23.33	23.28	24.5	0.0
100	256QAM	1	1	22.32	22.43	22.48	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.19	23.01	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.11	23.15	22.95	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.16	23.22	23.01	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.13	23.18	22.95	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.19	23.15	22.95	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.15	23.17	22.99	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.10	23.16	23.00	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.16	23.22	22.94	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.09	23.17	23.02	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.18	23.22	23.02	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.22	22.99	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	26.57	26.76	26.70	27.5	0.0
100	PI/2 BPSK	1	137	26.65	26.74	26.58		
100	PI/2 BPSK	1	271	26.65	26.65	26.53		
100	PI/2 BPSK	135	0	26.02	26.19	26.16	27.0	0.5
100	PI/2 BPSK	135	69	26.62	26.60	26.48	27.5	0.0
100	PI/2 BPSK	135	138	26.05	26.08	26.09	27.0	0.5
100	PI/2 BPSK	270	0	25.90	26.10	25.97		
100	QPSK	1	1	26.72	26.84	26.76	27.5	0.0
100	QPSK	1	137	26.51	26.68	26.49		
100	QPSK	1	271	26.32	26.54	26.43		
100	QPSK	135	0	25.61	25.58	25.43	26.5	1.0
100	QPSK	135	69	26.67	26.79	26.67	27.5	0.0
100	QPSK	135	138	25.21	25.43	25.45	26.5	1.0
100	QPSK	270	0	25.53	25.64	25.55		
100	16QAM	1	1	25.55	25.57	25.43	26.5	1.0
100	64QAM	1	1	23.94	24.05	23.92	25.0	2.5
100	256QAM	1	1	22.37	22.42	22.34	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.99	26.03	25.90	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.94	25.97	25.88	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.98	25.98	25.82	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.97	25.97	25.83	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.96	25.95	25.84	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.99	25.95	25.90	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.90	26.01	25.88	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.97	26.02	25.84	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.96	26.02	25.84	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.98	26.05	25.85	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.90	25.97	25.88	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.06		24.5	0.0
100	PI/2 BPSK	1	137		23.89			
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.98		24.5	0.0
100	PI/2 BPSK	135	69		23.92		24.5	0.0
100	PI/2 BPSK	135	138		23.84		24.5	0.0
100	PI/2 BPSK	270	0		23.98			
100	QPSK	1	1		24.08		24.5	0.0
100	QPSK	1	137		23.84			
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.97		24.5	0.0
100	QPSK	135	69		23.99		24.5	0.0
100	QPSK	135	138		23.83		24.5	0.0
100	QPSK	270	0		23.97			
100	16QAM	1	1		23.71		24.5	0.0
100	64QAM	1	1		23.70		24.5	0.0
100	256QAM	1	1		22.74		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.19	23.20	23.00	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.13	23.16	22.96	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.12	23.18	22.95	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.11	23.23	23.00	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.19	23.17	23.01	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.17	23.14	23.03	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.19	23.23	22.95	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.17	23.14	22.98	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.18	23.22	23.02	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.17	23.15	22.97	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.16	23.22	23.01	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.96		27.5	0.0
100	PI/2 BPSK	1	137		26.90			
100	PI/2 BPSK	1	271		26.91			
100	PI/2 BPSK	135	0		26.47		27.0	0.5
100	PI/2 BPSK	135	69		27.00		27.5	0.0
100	PI/2 BPSK	135	138		26.38		27.0	0.5
100	PI/2 BPSK	270	0		26.44			
100	QPSK	1	1		27.03		27.5	0.0
100	QPSK	1	137		26.94			
100	QPSK	1	271		26.96			
100	QPSK	135	0		25.95		26.5	1.0
100	QPSK	135	69		26.96		27.5	0.0
100	QPSK	135	138		25.74		26.5	1.0
100	QPSK	270	0		25.82			
100	16QAM	1	1		25.92		26.5	1.0
100	64QAM	1	1		24.48		25.0	2.5
100	256QAM	1	1		22.51		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.91	26.04	25.85	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.96	25.97	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.96	26.05	25.84	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.95	25.95	25.86	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.95	26.02	25.91	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.97	25.99	25.81	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.91	26.01	25.91	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.98	26.04	25.90	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.89	26.02	25.89	27.5	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	26.03	25.88	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	26.03	25.87	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.60	17.78	17.51	19.2	0.0
100	PI/2 BPSK	1	137	17.64	17.69	17.72		
100	PI/2 BPSK	1	271	17.56	17.68	17.67		
100	PI/2 BPSK	135	0	17.69	17.71	17.58	19.2	0.0
100	PI/2 BPSK	135	69	17.74	17.59	17.56	19.2	0.0
100	PI/2 BPSK	135	138	17.61	17.53	17.58	19.2	0.0
100	PI/2 BPSK	270	0	17.55	17.68	17.58		
100	QPSK	1	1	17.86	17.87	17.78	19.2	0.0
100	QPSK	1	137	17.67	17.68	17.77		
100	QPSK	1	271	17.68	17.55	17.57		
100	QPSK	135	0	17.64	17.66	17.57	19.2	0.0
100	QPSK	135	69	17.63	17.72	17.68	19.2	0.0
100	QPSK	135	138	17.66	17.68	17.55	19.2	0.0
100	QPSK	270	0	17.68	17.73	17.57		
100	16QAM	1	1	17.59	17.54	17.60	19.2	0.0
100	64QAM	1	1	17.55	17.58	17.62	19.2	0.0
100	256QAM	1	1	17.61	17.55	17.63	19.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.75	17.75	17.63	19.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.70	17.77	17.66	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.70	17.79	17.69	19.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.80	17.81	17.65	19.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.80	17.78	17.67	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.82	17.74	17.72	19.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.79	17.72	17.73	19.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.80	17.78	17.68	19.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.74	17.78	17.66	19.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.79	17.74	17.68	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.78	17.81	17.68	19.2	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	20.65	20.78	20.67	22.2	0.0
100	PI/2 BPSK	1	137	20.74	20.69	20.60		
100	PI/2 BPSK	1	271	20.61	20.68	20.69		
100	PI/2 BPSK	135	0	20.65	20.79	20.73	22.2	0.0
100	PI/2 BPSK	135	69	20.71	20.63	20.63	22.2	0.0
100	PI/2 BPSK	135	138	20.58	20.70	20.60	22.2	0.0
100	PI/2 BPSK	270	0	20.64	20.74	20.68		
100	QPSK	1	1	20.65	20.86	20.56	22.2	0.0
100	QPSK	1	137	20.62	20.66	20.63		
100	QPSK	1	271	20.59	20.68	20.68		
100	QPSK	135	0	20.67	20.70	20.61	22.2	0.0
100	QPSK	135	69	20.61	20.78	20.69	22.2	0.0
100	QPSK	135	138	20.56	20.77	20.66	22.2	0.0
100	QPSK	270	0	20.68	20.74	20.56		
100	16QAM	1	1	20.60	20.74	20.62	22.2	0.0
100	64QAM	1	1	20.57	20.67	20.73	22.2	0.0
100	256QAM	1	1	20.70	20.68	20.60	22.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.58	20.72	20.66	22.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.55	20.75	20.65	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.60	20.74	20.65	22.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.59	20.76	20.61	22.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.58	20.82	20.60	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.53	20.75	20.63	22.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.57	20.76	20.57	22.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.52	20.81	20.58	22.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.54	20.81	20.68	22.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.54	20.73	20.69	22.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.57	20.75	20.60	22.2	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		18.02		19.2	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.05		19.2	0.0
100	PI/2 BPSK	135	69		18.03		19.2	0.0
100	PI/2 BPSK	135	138		18.05		19.2	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.08		19.2	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.90			
100	QPSK	135	0		18.08		19.2	0.0
100	QPSK	135	69		18.03		19.2	0.0
100	QPSK	135	138		17.97		19.2	0.0
100	QPSK	270	0		18.08			
100	16QAM	1	1		17.84		19.2	0.0
100	64QAM	1	1		17.88		19.2	0.0
100	256QAM	1	1		17.88		19.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.96	17.97	17.99	19.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.97	17.97	18.03	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.03	17.99	18.02	19.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.00	18.03	17.96	19.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.02	17.97	17.99	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.04	18.04	18.00	19.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.98	17.94	18.00	19.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.93	18.01	18.00	19.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.95	17.99	18.01	19.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.93	18.02	17.98	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	18.01	17.96	19.2	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		20.99		22.2	0.0
100	PI/2 BPSK	1	137		20.84			
100	PI/2 BPSK	1	271		20.82			
100	PI/2 BPSK	135	0		21.00		22.2	0.0
100	PI/2 BPSK	135	69		20.79		22.2	0.0
100	PI/2 BPSK	135	138		20.82		22.2	0.0
100	PI/2 BPSK	270	0		21.00			
100	QPSK	1	1		21.03		22.2	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.99			
100	QPSK	135	0		20.95		22.2	0.0
100	QPSK	135	69		20.79		22.2	0.0
100	QPSK	135	138		20.93		22.2	0.0
100	QPSK	270	0		20.85			
100	16QAM	1	1		20.87		22.2	0.0
100	64QAM	1	1		20.91		22.2	0.0
100	256QAM	1	1		20.85		22.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.90	20.88	20.96	22.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.99	20.87	20.88	22.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.99	20.95	20.89	22.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.96	20.98	20.89	22.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.91	20.91	20.94	22.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.88	20.97	20.94	22.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.99	20.96	20.90	22.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.96	20.95	20.88	22.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.96	20.89	20.94	22.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.93	20.94	20.91	22.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.89	20.91	20.91	22.2	0.0

Part27O n77 Ant4

BW [MHz]	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	22.28	22.22	22.17	22.8	0.0
100	PI/2 BPSK	1	137	22.13	22.21	22.14		
100	PI/2 BPSK	1	271	22.22	22.15	22.07		
100	PI/2 BPSK	135	0	22.22	22.13	22.10	22.8	0.0
100	PI/2 BPSK	135	69	22.05	22.18	22.15	22.8	0.0
100	PI/2 BPSK	135	138	22.21	22.28	22.26	22.8	0.0
100	PI/2 BPSK	270	0	22.14	22.10	22.23		
100	QPSK	1	1	22.22	22.29	22.21	22.8	0.0
100	QPSK	1	137	22.13	22.11	22.08		
100	QPSK	1	271	22.26	22.10	22.19		
100	QPSK	135	0	22.10	22.26	22.25	22.8	0.0
100	QPSK	135	69	22.20	22.27	22.10	22.8	0.0
100	QPSK	135	138	22.20	22.15	22.12	22.8	0.0
100	QPSK	270	0	22.19	22.23	22.19		
100	16QAM	1	1	22.28	22.15	22.14	22.8	0.0
100	64QAM	1	1	22.08	22.14	22.26	22.8	0.0
100	256QAM	1	1	21.26	21.38	21.24	21.8	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.14	22.23	21.99	22.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.09	22.15	22.15	22.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.00	22.16	22.11	22.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.14	22.26	22.17	22.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.01	22.11	22.09	22.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.03	22.12	22.16	22.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.00	22.19	22.18	22.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.12	22.13	22.10	22.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.00	22.22	22.03	22.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.18	22.08	22.07	22.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.01	22.17	22.17	22.8	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	24.76	24.70	24.76	25.8	0.0
100	PI/2 BPSK	1	137	24.74	24.86	24.76		
100	PI/2 BPSK	1	271	24.77	24.77	24.80		
100	PI/2 BPSK	135	0	24.83	24.85	24.69	25.8	0.0
100	PI/2 BPSK	135	69	24.75	24.68	24.83	25.8	0.0
100	PI/2 BPSK	135	138	24.69	24.70	24.75	25.8	0.0
100	PI/2 BPSK	270	0	24.80	24.85	24.80		
100	QPSK	1	1	24.85	24.87	24.73	25.8	0.0
100	QPSK	1	137	24.77	24.83	24.71		
100	QPSK	1	271	24.84	24.86	24.73		
100	QPSK	135	0	24.41	24.41	24.30	25.3	0.5
100	QPSK	135	69	24.83	24.85	24.79	25.8	0.0
100	QPSK	135	138	24.19	24.22	24.14	25.3	0.5
100	QPSK	270	0	24.25	24.43	24.39		
100	16QAM	1	1	24.61	24.53	24.55	25.3	0.5
100	64QAM	1	1	23.01	23.03	22.94	23.8	2.0
100	256QAM	1	1	21.30	21.27	21.20	21.8	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.73	24.73	24.65	25.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.79	24.78	24.52	25.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.69	24.66	24.57	25.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.74	24.69	24.64	25.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.69	24.74	24.53	25.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.64	24.75	24.53	25.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.71	24.69	24.69	25.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.68	24.80	24.54	25.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.67	24.77	24.55	25.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.63	24.77	24.60	25.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.69	24.85	24.54	25.8	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.28		22.8	0.0
100	PI/2 BPSK	1	137		22.22			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.24		22.8	0.0
100	PI/2 BPSK	135	69		22.32		22.8	0.0
100	PI/2 BPSK	135	138		22.28		22.8	0.0
100	PI/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.39		22.8	0.0
100	QPSK	1	137		22.26			
100	QPSK	1	271		22.35			
100	QPSK	135	0		22.30		22.8	0.0
100	QPSK	135	69		22.34		22.8	0.0
100	QPSK	135	138		22.22		22.8	0.0
100	QPSK	270	0		22.31			
100	16QAM	1	1		22.25		22.8	0.0
100	64QAM	1	1		22.31		22.8	0.0
100	256QAM	1	1		21.73		21.8	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.23	22.17	22.19	22.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.36	22.20	22.29	22.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.25	22.22	22.22	22.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.19	22.32	22.34	22.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.22	22.21	22.18	22.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.31	22.36	22.30	22.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.34	22.34	22.17	22.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.24	22.33	22.21	22.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.21	22.25	22.22	22.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.32	22.32	22.30	22.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.19	22.35	22.34	22.8	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		25.40		25.8	0.0
100	PI/2 BPSK	1	137		25.42			
100	PI/2 BPSK	1	271		25.28			
100	PI/2 BPSK	135	0		25.44		25.8	0.0
100	PI/2 BPSK	135	69		25.27		25.8	0.0
100	PI/2 BPSK	135	138		25.44		25.8	0.0
100	PI/2 BPSK	270	0		25.30			
100	QPSK	1	1		25.49		25.8	0.0
100	QPSK	1	137		25.27			
100	QPSK	1	271		25.44			
100	QPSK	135	0		24.88		25.3	0.5
100	QPSK	135	69		25.45		25.8	0.0
100	QPSK	135	138		24.79		25.3	0.5
100	QPSK	270	0		24.94			
100	16QAM	1	1		24.81		25.3	0.5
100	64QAM	1	1		23.43		23.8	2.0
100	256QAM	1	1		21.54		21.8	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.35	25.35	25.46	25.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.35	25.44	25.43	25.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.45	25.28	25.29	25.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.27	25.44	25.37	25.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.42	25.47	25.47	25.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.32	25.32	25.29	25.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.46	25.37	25.32	25.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.38	25.39	25.29	25.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.36	25.36	25.38	25.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.35	25.33	25.35	25.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.43	25.38	25.30	25.8	0.0

Reduced Power Mode for ECI6

n5 Ant0

BW [MHz]	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	22.49	22.59	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.69	22.55		
20	PI/2 BPSK	1	104	22.56	22.64	22.54		
20	PI/2 BPSK	50	0	22.17	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.72	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.22	22.22	22.13	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.23	22.07		
20	QPSK	1	1	22.71	22.75	22.62	24.0	0.0
20	QPSK	1	53	22.51	22.71	22.59		
20	QPSK	1	104	22.48	22.65	22.65		
20	QPSK	50	0	21.63	21.70	21.65	23.0	1.0
20	QPSK	50	28	22.55	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.66	23.0	1.0
20	QPSK	100	0	21.56	21.71	21.69		
20	16QAM	1	1	21.17	21.33	21.18	23.0	1.0
20	64QAM	1	1	19.96	19.93	19.83	21.5	2.5
20	256QAM	1	1	18.57	18.61	18.44	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	22.51	22.61	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.43	22.63	22.57	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	22.44	22.69	22.54	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.69	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.52	22.70	22.69		
20	PI/2 BPSK	1	104	22.60	22.66	22.47		
20	PI/2 BPSK	50	0	22.19	22.26	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.74	22.78	22.69	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.25	22.08	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.25	22.22		
20	QPSK	1	1	22.74	22.80	22.76	24.0	0.0
20	QPSK	1	53	22.50	22.71	22.68		
20	QPSK	1	104	22.50	22.70	22.49		
20	QPSK	50	0	21.72	21.74	21.75	23.0	1.0
20	QPSK	50	28	22.66	22.77	22.58	24.0	0.0
20	QPSK	50	56	21.58	21.73	21.59	23.0	1.0
20	QPSK	100	0	21.59	21.73	21.65		
20	16QAM	1	1	21.35	21.46	21.47	23.0	1.0
20	64QAM	1	1	19.90	20.05	20.06	21.5	2.5
20	256QAM	1	1	18.67	18.68	18.52	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	22.46	22.65	22.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.69	22.52	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	22.48	22.60	22.52	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.83	23.00	22.90	24.0	0.0
20	PI/2 BPSK	1	53	22.86	23.09	22.96		
20	PI/2 BPSK	1	104	23.02	23.01	22.97		
20	PI/2 BPSK	50	0	22.55	22.56	22.55	23.5	0.5
20	PI/2 BPSK	50	28	23.13	23.11	23.10	24.0	0.0
20	PI/2 BPSK	50	56	22.57	22.60	22.48	23.5	0.5
20	PI/2 BPSK	100	0	22.36	22.56	22.53		
20	QPSK	1	1	23.08	23.14	23.01	24.0	0.0
20	QPSK	1	53	22.94	23.04	22.92		
20	QPSK	1	104	22.99	23.01	23.00		
20	QPSK	50	0	21.97	22.05	21.97	23.0	1.0
20	QPSK	50	28	23.02	23.10	23.08	24.0	0.0
20	QPSK	50	56	22.10	22.10	21.89	23.0	1.0
20	QPSK	100	0	22.02	22.06	22.04		
20	16QAM	1	1	21.63	21.75	21.58	23.0	1.0
20	64QAM	1	1	20.40	20.46	20.39	21.5	2.5
20	256QAM	1	1	18.96	19.02	19.09	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.43	22.67	22.57	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.43	22.64	22.58	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	22.52	22.61	22.52	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	21.18	21.20	21.14	22.8	0.0
40	PI/2 BPSK	1	53	21.02	21.06	21.03		
40	PI/2 BPSK	1	104	21.02	21.17	21.04		
40	PI/2 BPSK	50	0	21.17	21.20	21.08	22.8	0.0
40	PI/2 BPSK	50	28	21.08	21.07	21.00	22.8	0.0
40	PI/2 BPSK	50	56	21.02	21.17	20.95	22.8	0.0
40	PI/2 BPSK	100	0	21.17	21.24	21.08		
40	QPSK	1	1	21.05	21.25	21.07	22.8	0.0
40	QPSK	1	53	21.02	21.20	20.97		
40	QPSK	1	104	21.19	21.20	21.11		
40	QPSK	50	0	21.07	21.10	20.99	22.8	0.0
40	QPSK	50	28	21.01	21.16	20.96	22.8	0.0
40	QPSK	50	56	21.12	21.14	21.08	22.8	0.0
40	QPSK	100	0	21.07	21.13	21.02		
40	16QAM	1	1	21.02	21.12	20.98	22.8	0.0
40	64QAM	1	1	19.95	19.94	19.96	21.8	1.0
40	256QAM	1	1	18.15	18.26	18.22	19.8	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.00	21.18	20.96	22.8	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.90	21.20	20.98	22.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.96	21.12	21.00	22.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.99	21.15	21.02	22.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.96	21.20	20.99	22.8	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.19	21.28	21.11	22.8	0.0
100	PI/2 BPSK	1	137	20.87	21.17	21.06		
100	PI/2 BPSK	1	271	20.94	20.94	20.90		
100	PI/2 BPSK	135	0	21.16	21.25	21.01	22.8	0.0
100	PI/2 BPSK	135	69	20.87	21.17	21.02	22.8	0.0
100	PI/2 BPSK	135	138	20.96	20.91	20.90	22.8	0.0
100	PI/2 BPSK	270	0	21.12	21.23	21.09		
100	QPSK	1	1	20.93	21.40	21.09	22.8	0.0
100	QPSK	1	137	20.99	20.92	20.93		
100	QPSK	1	271	21.19	21.30	21.06		
100	QPSK	135	0	20.93	21.10	21.09	22.8	0.0
100	QPSK	135	69	20.98	21.17	20.91	22.8	0.0
100	QPSK	135	138	21.14	21.09	21.01	22.8	0.0
100	QPSK	270	0	20.89	21.16	21.01		
100	16QAM	1	1	20.96	20.93	20.84	22.8	0.0
100	64QAM	1	1	21.24	21.20	21.12	21.8	1.0
100	256QAM	1	1	18.11	18.11	18.10	19.8	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.82	21.32	20.99	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.84	21.35	20.96	22.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.85	21.36	21.05	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.88	21.33	20.97	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.86	21.34	21.01	22.8	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.88	21.31	21.04	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.98	21.31	21.01	22.8	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.85	21.33	20.94	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.85	21.35	20.99	22.8	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.89	21.32	20.96	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.80	21.27	21.03	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.80	21.24	21.05	22.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.80	21.26	20.95	22.8	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.57	18.68	18.61	19.7	0.0
40	PI/2 BPSK	1	108	18.36	18.52	18.45		
40	PI/2 BPSK	1	214	18.52	18.56	18.36		
40	PI/2 BPSK	108	0	18.62	18.71	18.59	19.7	0.0
40	PI/2 BPSK	108	54	18.43	18.48	18.40	19.7	0.0
40	PI/2 BPSK	108	108	18.51	18.55	18.39	19.7	0.0
40	PI/2 BPSK	216	0	18.68	18.66	18.55		
40	QPSK	1	1	18.44	18.75	18.45	19.7	0.0
40	QPSK	1	108	18.52	18.50	18.35		
40	QPSK	1	214	18.65	18.71	18.60		
40	QPSK	108	0	18.41	18.49	18.36	19.7	0.0
40	QPSK	108	54	18.47	18.68	18.30	19.7	0.0
40	QPSK	108	108	18.67	18.67	18.58	19.7	0.0
40	QPSK	216	0	18.56	18.71	18.57		
40	16QAM	1	1	18.38	18.45	18.43	19.7	0.0
40	64QAM	1	1	18.44	18.59	18.40	19.7	0.0
40	256QAM	1	1	17.78	17.89	17.84	18.7	1.0
Channel				373000	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.32	18.63	18.35	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.38	18.66	18.40	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.30	18.61	18.33	19.7	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.30	18.70	18.30	19.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.38	18.69	18.33	19.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.34	18.71	18.30	19.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.36	18.66	18.31	19.7	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.17	22.23	22.18	24.0	0.0
20	PI/2 BPSK	1	53	22.22	22.34	22.36		
20	PI/2 BPSK	1	104	22.28	22.29	22.15		
20	PI/2 BPSK	50	0	21.80	21.87	21.73	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.37	22.22	24.0	0.0
20	PI/2 BPSK	50	56	21.83	21.89	21.91	23.5	0.5
20	PI/2 BPSK	100	0	21.78	21.89	21.85		
20	QPSK	1	1	22.30	22.46	22.42	24.0	0.0
20	QPSK	1	53	22.18	22.36	22.35		
20	QPSK	1	104	22.06	22.29	22.22		
20	QPSK	50	0	21.28	21.37	21.39	23.0	1.0
20	QPSK	50	28	22.27	22.40	22.24	24.0	0.0
20	QPSK	50	56	21.40	21.38	21.25	23.0	1.0
20	QPSK	100	0	21.36	21.39	21.34		
20	16QAM	1	1	21.39	21.44	21.46	23.0	1.0
20	64QAM	1	1	19.67	19.60	19.72	21.5	2.5
20	256QAM	1	1	18.31	18.26	18.11	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	22.20	22.33	22.14	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.16	22.27	22.19	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	22.15	22.33	22.17	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	20.69	20.75	20.65	21.9	0.0
50	PI/2 BPSK	1	135	20.51	20.66	20.39		
50	PI/2 BPSK	1	268	20.43	20.56	20.53		
50	PI/2 BPSK	135	0	20.69	20.71	20.65	21.9	0.0
50	PI/2 BPSK	135	68	20.57	20.66	20.39	21.9	0.0
50	PI/2 BPSK	135	135	20.48	20.53	20.49	21.9	0.0
50	PI/2 BPSK	270	0	20.75	20.78	20.71		
50	QPSK	1	1	20.53	20.79	20.40	21.9	0.0
50	QPSK	1	135	20.47	20.53	20.47		
50	QPSK	1	268	20.65	20.75	20.71		
50	QPSK	135	0	20.59	20.60	20.40	21.9	0.0
50	QPSK	135	68	20.42	20.78	20.54	21.9	0.0
50	QPSK	135	135	20.64	20.77	20.67	21.9	0.0
50	QPSK	270	0	20.51	20.66	20.43		
50	16QAM	1	1	20.44	20.53	20.48	21.9	0.0
50	64QAM	1	1	19.25	19.32	19.15	20.9	1.0
50	256QAM	1	1	17.89	17.88	17.74	18.9	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.43	20.71	20.35	21.9	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.44	20.70	20.26	21.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.47	20.74	20.27	21.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.43	20.64	20.34	21.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.38	20.70	20.27	21.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.46	20.70	20.27	21.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.41	20.71	20.30	21.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.44	20.75	20.35	21.9	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.28	22.33	22.28	24.0	0.0
20	PI/2 BPSK	1	53	22.18	22.30	22.21		
20	PI/2 BPSK	1	104	22.35	22.33	22.28		
20	PI/2 BPSK	50	0	21.91	21.93	21.82	23.5	0.5
20	PI/2 BPSK	50	28	22.43	22.43	22.29	24.0	0.0
20	PI/2 BPSK	50	56	21.89	21.93	21.89	23.5	0.5
20	PI/2 BPSK	100	0	21.92	21.92	21.78		
20	QPSK	1	1	22.43	22.47	22.31	24.0	0.0
20	QPSK	1	53	22.33	22.34	22.24		
20	QPSK	1	104	22.21	22.34	22.32		
20	QPSK	50	0	21.42	21.42	21.36	23.0	1.0
20	QPSK	50	28	22.35	22.41	22.28	24.0	0.0
20	QPSK	50	56	21.26	21.41	21.25	23.0	1.0
20	QPSK	100	0	21.31	21.40	21.25		
20	16QAM	1	1	21.14	21.11	21.03	23.0	1.0
20	64QAM	1	1	19.79	19.72	19.73	21.5	2.5
20	256QAM	1	1	18.29	18.35	18.41	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	22.17	22.36	22.15	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.15	22.30	22.14	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	22.23	22.36	22.18	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.17	21.20	21.13	22.5	0.0
40	PI/2 BPSK	1	108	21.08	21.12	21.03		
40	PI/2 BPSK	1	214	21.04	21.06	20.92		
40	PI/2 BPSK	108	0	21.10	21.16	21.14	22.5	0.0
40	PI/2 BPSK	108	54	20.97	21.07	21.10	22.5	0.0
40	PI/2 BPSK	108	108	21.08	21.07	20.94	22.5	0.0
40	PI/2 BPSK	216	0	21.18	21.25	21.16		
40	QPSK	1	1	21.02	21.31	21.02	22.5	0.0
40	QPSK	1	108	21.03	21.01	20.95		
40	QPSK	1	214	21.11	21.23	21.12		
40	QPSK	108	0	21.05	21.13	21.02	22.5	0.0
40	QPSK	108	54	21.02	21.25	20.87	22.5	0.0
40	QPSK	108	108	21.14	21.24	21.18	22.5	0.0
40	QPSK	216	0	20.97	21.13	21.05		
40	16QAM	1	1	21.13	21.00	20.96	22.5	0.0
40	64QAM	1	1	19.46	19.44	19.51	21.0	1.5
40	256QAM	1	1	17.85	18.01	17.84	19.0	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.98	21.25	20.87	22.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.95	21.17	20.90	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.96	21.27	20.93	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.91	21.16	20.93	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.97	21.25	20.88	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.91	21.19	20.89	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.91	21.24	20.95	22.5	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.36	22.51	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.47	22.60	22.47		
20	PI/2 BPSK	1	104	22.49	22.51	22.46		
20	PI/2 BPSK	50	0	21.96	22.06	21.97	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.52	22.50	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.12	21.92	23.5	0.5
20	PI/2 BPSK	100	0	22.10	22.07	22.05		
20	QPSK	1	1	22.55	22.62	22.50	24.0	0.0
20	QPSK	1	53	22.44	22.59	22.42		
20	QPSK	1	104	22.38	22.50	22.36		
20	QPSK	50	0	21.51	21.54	21.47	23.0	1.0
20	QPSK	50	28	22.53	22.58	22.51	24.0	0.0
20	QPSK	50	56	21.45	21.61	21.53	23.0	1.0
20	QPSK	100	0	21.45	21.57	21.44		
20	16QAM	1	1	21.20	21.25	21.08	23.0	1.0
20	64QAM	1	1	19.91	19.97	19.88	21.5	2.5
20	256QAM	1	1	18.58	18.52	18.42	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.09	22.15	22.05	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.14	22.20	22.06	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	22.08	22.13	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.85	20.96	20.93	22.7	0.0
40	PI/2 BPSK	1	53	20.88	20.76	20.74		
40	PI/2 BPSK	1	104	20.89	20.82	20.90		
40	PI/2 BPSK	50	0	20.80	20.95	20.90	22.7	0.0
40	PI/2 BPSK	50	28	20.96	20.73	20.81	22.7	0.0
40	PI/2 BPSK	50	56	20.83	20.86	20.80	22.7	0.0
40	PI/2 BPSK	100	0	20.90	20.96	20.85		
40	QPSK	1	1	20.97	21.03	20.83	22.7	0.0
40	QPSK	1	53	20.89	20.95	20.88		
40	QPSK	1	104	20.84	21.00	20.86		
40	QPSK	50	0	20.91	20.73	20.74	22.7	0.0
40	QPSK	50	28	20.84	20.96	20.82	22.7	0.0
40	QPSK	50	56	20.89	20.95	20.83	22.7	0.0
40	QPSK	100	0	20.73	20.74	20.72		
40	16QAM	1	1	20.78	20.86	20.71	22.7	0.0
40	64QAM	1	1	20.50	20.45	20.50	22.2	0.5
40	256QAM	1	1	18.42	18.43	18.49	20.2	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.72	20.90	20.76	22.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.77	20.89	20.74	22.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.73	20.92	20.77	22.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.71	20.94	20.79	22.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.74	20.96	20.78	22.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.39	21.47	21.46	22.7	0.0
100	PI/2 BPSK	1	137	21.27	21.36	21.23		
100	PI/2 BPSK	1	271	21.17	21.26	21.11		
100	PI/2 BPSK	135	0	21.31	21.49	21.45	22.7	0.0
100	PI/2 BPSK	135	69	21.27	21.42	21.20	22.7	0.0
100	PI/2 BPSK	135	138	21.19	21.21	21.09	22.7	0.0
100	PI/2 BPSK	270	0	21.30	21.50	21.36		
100	QPSK	1	1	21.28	21.53	21.20	22.7	0.0
100	QPSK	1	137	21.14	21.26	21.04		
100	QPSK	1	271	21.38	21.44	21.36		
100	QPSK	135	0	21.19	21.42	21.21	22.7	0.0
100	QPSK	135	69	21.16	21.47	21.01	22.7	0.0
100	QPSK	135	138	21.33	21.44	21.46	22.7	0.0
100	QPSK	270	0	21.23	21.34	21.20		
100	16QAM	1	1	21.16	21.27	21.11	22.7	0.0
100	64QAM	1	1	20.77	20.92	20.89	22.2	0.5
100	256QAM	1	1	18.97	18.99	18.95	20.2	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.24	21.46	21.11	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.23	21.46	21.14	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.22	21.41	21.14	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.39	21.06	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.12	21.43	21.04	22.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.15	21.43	21.08	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.16	21.42	21.16	22.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.17	21.42	21.09	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.20	21.48	21.10	22.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.21	21.43	21.13	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.23	21.39	21.08	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.15	21.39	21.10	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.17	21.42	21.11	22.7	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.40	22.46	22.32	23.8	0.0
40	PI/2 BPSK	1	108	22.18	22.43	22.25		
40	PI/2 BPSK	1	214	22.22	22.41	22.36		
40	PI/2 BPSK	108	0	22.49	22.53	22.37	23.8	0.0
40	PI/2 BPSK	108	54	22.24	22.41	22.25	23.8	0.0
40	PI/2 BPSK	108	108	22.17	22.46	22.32	23.8	0.0
40	PI/2 BPSK	216	0	22.49	22.44	22.35		
40	QPSK	1	1	22.24	22.54	22.19	23.8	0.0
40	QPSK	1	108	22.26	22.42	22.32		
40	QPSK	1	214	22.49	22.42	22.32		
40	QPSK	108	0	22.15	22.42	22.25	23.3	0.5
40	QPSK	108	54	22.16	22.43	22.29	23.8	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.3	0.5
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.3	0.5
40	64QAM	1	1	20.13	20.22	20.07	21.8	2.0
40	256QAM	1	1	18.60	18.73	18.65	19.8	4.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.19	22.45	22.13	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.19	22.40	22.14	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.16	22.40	22.08	23.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.13	22.38	22.08	23.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.17	22.49	22.08	23.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.14	22.48	22.09	19.8	2.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.11	22.45	22.06	19.8	2.0

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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	21.54	21.60	21.51	22.7	0.0
50	PI/2 BPSK	1	135	21.48	21.53	21.41		
50	PI/2 BPSK	1	268	21.23	21.32	21.13		
50	PI/2 BPSK	135	0	21.49	21.60	21.47	22.7	0.0
50	PI/2 BPSK	135	68	21.44	21.54	21.50	22.7	0.0
50	PI/2 BPSK	135	135	21.19	21.40	21.18	22.7	0.0
50	PI/2 BPSK	270	0	21.56	21.56	21.46		
50	QPSK	1	1	21.44	21.61	21.42	22.7	0.0
50	QPSK	1	135	21.20	21.37	21.23		
50	QPSK	1	268	21.52	21.58	21.53		
50	QPSK	135	0	21.45	21.51	21.50	22.7	0.0
50	QPSK	135	68	21.22	21.57	21.23	22.7	0.0
50	QPSK	135	135	21.40	21.50	21.47	22.7	0.0
50	QPSK	270	0	21.47	21.48	21.38		
50	16QAM	1	1	21.20	21.32	21.16	22.7	0.0
50	64QAM	1	1	20.07	20.18	20.17	21.7	1.0
50	256QAM	1	1	18.75	18.69	18.66	19.7	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.38	21.55	21.30	22.7	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.36	21.56	21.29	22.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.36	21.54	21.32	22.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.34	21.49	21.28	22.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.32	21.54	21.34	22.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.29	21.52	21.37	22.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.31	21.55	21.30	22.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.32	21.50	21.37	22.7	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.08	22.16	21.98	23.8	0.0
40	PI/2 BPSK	1	108	21.82	21.94	21.88		
40	PI/2 BPSK	1	214	21.95	21.99	21.96		
40	PI/2 BPSK	108	0	22.14	22.10	22.05	23.8	0.0
40	PI/2 BPSK	108	54	21.85	21.99	21.81	23.8	0.0
40	PI/2 BPSK	108	108	21.90	21.97	21.85	23.8	0.0
40	PI/2 BPSK	216	0	22.12	22.11	21.99		
40	QPSK	1	1	21.89	22.18	21.81	23.8	0.0
40	QPSK	1	108	22.08	21.85	21.82		
40	QPSK	1	214	22.09	22.15	22.05		
40	QPSK	108	0	21.84	21.97	21.85	23.8	0.0
40	QPSK	108	54	22.07	22.14	22.01	23.8	0.0
40	QPSK	108	108	22.13	22.11	22.07	23.8	0.0
40	QPSK	216	0	21.82	21.98	21.87		
40	16QAM	1	1	21.86	21.91	21.94	23.8	0.0
40	64QAM	1	1	20.74	20.32	20.62	22.3	1.5
40	256QAM	1	1	18.89	18.93	18.92	20.3	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.79	22.06	21.71	23.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.03	21.96	23.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.81	22.09	21.92	23.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.97	22.04	21.96	23.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.81	22.12	21.96	23.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.84	22.07	21.87	23.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.97	22.06	21.94	23.8	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.42	20.58	20.40	22.2	0.0
40	PI/2 BPSK	1	53	20.37	20.56	20.41		
40	PI/2 BPSK	1	104	20.44	20.54	20.57		
40	PI/2 BPSK	50	0	20.40	20.58	20.37	22.2	0.0
40	PI/2 BPSK	50	28	20.39	20.60	20.37	22.2	0.0
40	PI/2 BPSK	50	56	20.37	20.62	20.61	22.2	0.0
40	PI/2 BPSK	100	0	20.45	20.57	20.38		
40	QPSK	1	1	20.38	20.64	20.45	22.2	0.0
40	QPSK	1	53	20.39	20.63	20.55		
40	QPSK	1	104	20.43	20.60	20.35		
40	QPSK	50	0	20.41	20.53	20.40	22.2	0.0
40	QPSK	50	28	20.36	20.58	20.56	22.2	0.0
40	QPSK	50	56	20.44	20.56	20.41	22.2	0.0
40	QPSK	100	0	20.45	20.61	20.47		
40	16QAM	1	1	20.36	20.54	20.56	22.2	0.0
40	64QAM	1	1	20.35	20.41	20.36	22.2	0.0
40	256QAM	1	1	18.68	18.79	18.82	20.2	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.24	20.49	20.34	22.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.24	20.50	20.38	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.31	20.51	20.36	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.23	20.60	20.35	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.31	20.56	20.36	22.2	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	20.58	20.69	20.60	22.2	0.0
100	PI/2 BPSK	1	137	20.57	20.59	20.48		
100	PI/2 BPSK	1	271	20.37	20.57	20.36		
100	PI/2 BPSK	135	0	20.64	20.73	20.67	22.2	0.0
100	PI/2 BPSK	135	69	20.58	20.62	20.50	22.2	0.0
100	PI/2 BPSK	135	138	20.33	20.50	20.39	22.2	0.0
100	PI/2 BPSK	270	0	20.53	20.73	20.62		
100	QPSK	1	1	20.56	20.77	20.45	22.2	0.0
100	QPSK	1	137	20.29	20.54	20.40		
100	QPSK	1	271	20.65	20.60	20.60		
100	QPSK	135	0	20.57	20.63	20.47	22.2	0.0
100	QPSK	135	69	20.36	20.65	20.34	22.2	0.0
100	QPSK	135	138	20.60	20.62	20.62	22.2	0.0
100	QPSK	270	0	20.60	20.63	20.53		
100	16QAM	1	1	20.35	20.53	20.40	22.2	0.0
100	64QAM	1	1	20.64	20.73	20.61	22.2	0.0
100	256QAM	1	1	18.70	18.64	18.47	20.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.40	20.64	20.41	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.40	20.68	20.32	22.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.48	20.70	20.35	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.50	20.67	20.39	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.47	20.66	20.40	22.2	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.48	20.70	20.37	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.40	20.66	20.39	22.2	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.44	20.71	20.34	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.47	20.67	20.32	22.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.43	20.61	20.38	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.51	20.62	20.33	22.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.41	20.66	20.33	22.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.46	20.62	20.30	22.2	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	18.06	18.21	18.18	19.5	0.0
40	PI/2 BPSK	1	53	18.06	18.14	18.15		
40	PI/2 BPSK	1	104	18.10	18.11	18.05		
40	PI/2 BPSK	50	0	18.11	18.16	18.18	19.5	0.0
40	PI/2 BPSK	50	28	18.08	18.09	18.16	19.5	0.0
40	PI/2 BPSK	50	56	18.04	18.16	18.11	19.5	0.0
40	PI/2 BPSK	100	0	18.12	18.23	18.09		
40	QPSK	1	1	17.97	18.26	18.13	19.5	0.0
40	QPSK	1	53	18.05	18.13	18.07		
40	QPSK	1	104	18.07	18.24	18.09		
40	QPSK	50	0	18.01	18.09	18.11	19.5	0.0
40	QPSK	50	28	18.07	18.23	18.01	19.5	0.0
40	QPSK	50	56	18.14	18.18	18.20	19.5	0.0
40	QPSK	100	0	18.05	18.12	18.11		
40	16QAM	1	1	18.08	18.17	18.16	19.5	0.0
40	64QAM	1	1	18.01	18.10	18.10	19.5	0.0
40	256QAM	1	1	17.99	18.11	18.05	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.86	18.11	17.97	19.5	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	18.10	18.02	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.87	18.16	18.08	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.90	18.17	17.98	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.88	18.21	17.99	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.11	18.16	18.22	19.5	0.0
100	PI/2 BPSK	1	137	17.99	18.19	18.06		
100	PI/2 BPSK	1	271	17.88	18.11	18.03		
100	PI/2 BPSK	135	0	18.09	18.19	18.15	19.5	0.0
100	PI/2 BPSK	135	69	17.93	18.16	18.02	19.5	0.0
100	PI/2 BPSK	135	138	17.86	18.08	18.04	19.5	0.0
100	PI/2 BPSK	270	0	18.12	18.25	18.19		
100	QPSK	1	1	17.99	18.34	18.07	19.5	0.0
100	QPSK	1	137	17.85	18.01	18.06		
100	QPSK	1	271	18.15	18.26	18.19		
100	QPSK	135	0	17.98	18.14	18.03	19.5	0.0
100	QPSK	135	69	17.89	18.29	17.97	19.5	0.0
100	QPSK	135	138	18.12	18.24	18.21	19.5	0.0
100	QPSK	270	0	17.91	18.18	18.10		
100	16QAM	1	1	18.16	18.18	18.25	19.5	0.0
100	64QAM	1	1	17.87	18.20	18.05	19.5	0.0
100	256QAM	1	1	17.89	18.05	17.95	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.90	18.21	17.97	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.95	18.21	18.00	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.90	18.26	18.02	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.86	18.20	17.98	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.89	18.22	18.02	19.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.91	18.19	17.95	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.86	18.22	17.94	19.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.94	18.23	17.95	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.88	18.23	18.02	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.84	18.21	17.96	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.84	18.21	17.95	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.86	18.29	17.93	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.88	18.21	17.92	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.05	18.03	17.94	19.0	0.0
100	PI/2 BPSK	1	137	17.76	17.94	17.75		
100	PI/2 BPSK	1	271	18.10	18.04	17.83		
100	PI/2 BPSK	135	0	17.90	18.04	17.94	19.0	0.0
100	PI/2 BPSK	135	69	17.95	18.06	17.86	19.0	0.0
100	PI/2 BPSK	135	138	18.07	18.13	17.94	19.0	0.0
100	PI/2 BPSK	270	0	17.99	18.16	18.02		
100	QPSK	1	1	18.27	18.28	18.05	19.0	0.0
100	QPSK	1	137	17.95	18.01	17.69		
100	QPSK	1	271	18.00	18.07	17.81		
100	QPSK	135	0	17.96	17.97	17.98	19.0	0.0
100	QPSK	135	69	17.98	18.20	18.00	19.0	0.0
100	QPSK	135	138	18.05	18.09	18.03	19.0	0.0
100	QPSK	270	0	17.86	18.09	17.89		
100	16QAM	1	1	17.79	17.81	17.72	19.0	0.0
100	64QAM	1	1	17.67	17.84	17.80	19.0	0.0
100	256QAM	1	1	17.72	17.79	17.87	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.17	18.18	17.91	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.16	18.16	17.92	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.12	18.17	17.89	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.15	18.23	18.00	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.14	18.13	17.98	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.14	18.12	17.92	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.18	18.13	17.98	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.19	18.19	17.96	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.17	18.14	17.95	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.16	18.19	17.92	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.21	18.15	17.91	19.0	0.0

Part27O n77 PC2 Ant7

BW [MHz]	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	21.08	21.02	20.99	22.0	0.0
100	PI/2 BPSK	1	137	20.81	20.85	20.72		
100	PI/2 BPSK	1	271	20.98	21.04	20.93		
100	PI/2 BPSK	135	0	20.78	20.88	20.76	22.0	0.0
100	PI/2 BPSK	135	69	21.01	21.12	20.97	22.0	0.0
100	PI/2 BPSK	135	138	20.75	20.93	20.81	22.0	0.0
100	PI/2 BPSK	270	0	21.00	21.04	20.93		
100	QPSK	1	1	20.85	21.17	20.81	22.0	0.0
100	QPSK	1	137	21.01	21.13	20.89		
100	QPSK	1	271	20.85	20.90	20.73		
100	QPSK	135	0	21.06	21.14	20.98	22.0	0.0
100	QPSK	135	69	20.77	21.15	20.81	22.0	0.0
100	QPSK	135	138	21.07	21.12	20.97	22.0	0.0
100	QPSK	270	0	21.07	21.10	20.99		
100	16QAM	1	1	20.96	21.09	20.89	22.0	0.0
100	64QAM	1	1	20.82	20.87	20.75	22.0	0.0
100	256QAM	1	1	20.58	20.58	20.66	21.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.76	21.04	20.67	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.80	21.10	20.65	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.78	21.03	20.66	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.74	21.06	20.75	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.79	21.05	20.65	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.74	21.03	20.76	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.73	21.02	20.68	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.80	21.01	20.65	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.75	21.10	20.66	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.72	21.13	20.69	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.69	21.02	20.72	22.0	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		18.46		19.0	0.0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		18.24			
100	PI/2 BPSK	135	0		18.37		19.0	0.0
100	PI/2 BPSK	135	69		18.44		19.0	0.0
100	PI/2 BPSK	135	138		18.31		19.0	0.0
100	PI/2 BPSK	270	0		18.45			
100	QPSK	1	1		18.47		19.0	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		18.23			
100	QPSK	135	0		18.31		19.0	0.0
100	QPSK	135	69		18.39		19.0	0.0
100	QPSK	135	138		18.22		19.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.21		19.0	0.0
100	64QAM	1	1		18.19		19.0	0.0
100	256QAM	1	1		18.25		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.34	18.36	18.34	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.41	18.38	18.40	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.34	18.36	18.36	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.32	18.37	18.35	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.31	18.41	18.34	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.37	18.37	18.32	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.33	18.39	18.38	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.37	18.33	18.38	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.34	18.39	18.40	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.41	18.34	18.38	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.38	18.43	18.32	19.0	0.0

Part27O n78 PC2 Ant7								
BW [MHz]	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		21.31		22.0	0.0
100	PI/2 BPSK	1	137		21.13			
100	PI/2 BPSK	1	271		21.10			
100	PI/2 BPSK	135	0		21.27		22.0	0.0
100	PI/2 BPSK	135	69		21.14		22.0	0.0
100	PI/2 BPSK	135	138		21.09		22.0	0.0
100	PI/2 BPSK	270	0		21.29			
100	QPSK	1	1		21.41		22.0	0.0
100	QPSK	1	137		21.11			
100	QPSK	1	271		21.28			
100	QPSK	135	0		21.16		22.0	0.0
100	QPSK	135	69		21.38		22.0	0.0
100	QPSK	135	138		21.36		22.0	0.0
100	QPSK	270	0		21.36			
100	16QAM	1	1		21.14		22.0	0.0
100	64QAM	1	1		21.11		22.0	0.0
100	256QAM	1	1		20.91		21.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.34	21.25	21.29	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.30	21.27	21.36	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.29	21.28	21.32	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.25	21.29	21.31	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.28	21.34	21.26	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.28	21.29	21.25	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.32	21.28	21.33	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.27	21.32	21.36	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.37	21.33	21.32	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.32	21.36	21.30	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.36	21.29	21.27	22.0	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	23.54	23.64	23.62	24.5	0.0
100	PI/2 BPSK	1	137	23.65	23.65	23.43		
100	PI/2 BPSK	1	271	23.51	23.56	23.33		
100	PI/2 BPSK	135	0	23.75	23.74	23.73	24.5	0.0
100	PI/2 BPSK	135	69	23.56	23.68	23.51	24.5	0.0
100	PI/2 BPSK	135	138	23.49	23.62	23.63	24.5	0.0
100	PI/2 BPSK	270	0	23.49	23.64	23.63		
100	QPSK	1	1	23.72	23.76	23.56	24.5	0.0
100	QPSK	1	137	23.40	23.62	23.65		
100	QPSK	1	271	23.58	23.56	23.50		
100	QPSK	135	0	23.49	23.68	23.54	24.5	0.0
100	QPSK	135	69	23.69	23.74	23.67	24.5	0.0
100	QPSK	135	138	23.66	23.65	23.54	24.5	0.0
100	QPSK	270	0	23.46	23.68	23.56		
100	16QAM	1	1	23.27	23.38	23.33	24.5	0.0
100	64QAM	1	1	23.16	23.33	23.28	24.5	0.0
100	256QAM	1	1	22.32	22.43	22.48	23.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.19	23.01	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.11	23.15	22.95	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.16	23.22	23.01	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.13	23.18	22.95	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.19	23.15	22.95	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.15	23.17	22.99	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.10	23.16	23.00	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.16	23.22	22.94	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.09	23.17	23.02	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.18	23.22	23.02	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.22	22.99	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	26.57	26.76	26.70	27.5	0.0
100	PI/2 BPSK	1	137	26.65	26.74	26.58		
100	PI/2 BPSK	1	271	26.65	26.65	26.53		
100	PI/2 BPSK	135	0	26.02	26.19	26.16	27.0	0.5
100	PI/2 BPSK	135	69	26.62	26.60	26.48	27.5	0.0
100	PI/2 BPSK	135	138	26.05	26.08	26.09	27.0	0.5
100	PI/2 BPSK	270	0	25.90	26.10	25.97		
100	QPSK	1	1	26.72	26.84	26.76	27.5	0.0
100	QPSK	1	137	26.51	26.68	26.49		
100	QPSK	1	271	26.32	26.54	26.43		
100	QPSK	135	0	25.61	25.58	25.43	26.5	1.0
100	QPSK	135	69	26.67	26.79	26.67	27.5	0.0
100	QPSK	135	138	25.21	25.43	25.45	26.5	1.0
100	QPSK	270	0	25.53	25.64	25.55		
100	16QAM	1	1	25.55	25.57	25.43	26.5	1.0
100	64QAM	1	1	23.94	24.05	23.92	25.0	2.5
100	256QAM	1	1	22.37	22.42	22.34	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.99	26.03	25.90	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.94	25.97	25.88	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.98	25.98	25.82	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.97	25.97	25.83	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.96	25.95	25.84	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.99	25.95	25.90	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.90	26.01	25.88	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.97	26.02	25.84	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.96	26.02	25.84	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.98	26.05	25.85	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.90	25.97	25.88	27.5	0.0

Part27O n78 Ant4

BW [MHz]	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		24.06		24.5	0.0
100	PI/2 BPSK	1	137		23.89			
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.98		24.5	0.0
100	PI/2 BPSK	135	69		23.92		24.5	0.0
100	PI/2 BPSK	135	138		23.84		24.5	0.0
100	PI/2 BPSK	270	0		23.98			
100	QPSK	1	1		24.08		24.5	0.0
100	QPSK	1	137		23.84			
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.97		24.5	0.0
100	QPSK	135	69		23.99		24.5	0.0
100	QPSK	135	138		23.83		24.5	0.0
100	QPSK	270	0		23.97			
100	16QAM	1	1		23.71		24.5	0.0
100	64QAM	1	1		23.70		24.5	0.0
100	256QAM	1	1		22.74		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.19	23.20	23.00	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.13	23.16	22.96	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.12	23.18	22.95	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.11	23.23	23.00	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.19	23.17	23.01	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.17	23.14	23.03	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.19	23.23	22.95	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.17	23.14	22.98	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.18	23.22	23.02	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.17	23.15	22.97	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.16	23.22	23.01	24.5	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		26.96		27.5	0.0
100	PI/2 BPSK	1	137		26.90			
100	PI/2 BPSK	1	271		26.91			
100	PI/2 BPSK	135	0		26.47		27.0	0.5
100	PI/2 BPSK	135	69		27.00		27.5	0.0
100	PI/2 BPSK	135	138		26.38		27.0	0.5
100	PI/2 BPSK	270	0		26.44			
100	QPSK	1	1		27.03		27.5	0.0
100	QPSK	1	137		26.94			
100	QPSK	1	271		26.96			
100	QPSK	135	0		25.95		26.5	1.0
100	QPSK	135	69		26.96		27.5	0.0
100	QPSK	135	138		25.74		26.5	1.0
100	QPSK	270	0		25.82			
100	16QAM	1	1		25.92		26.5	1.0
100	64QAM	1	1		24.48		25.0	2.5
100	256QAM	1	1		22.51		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.91	26.04	25.85	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.96	25.97	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.96	26.05	25.84	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.95	25.95	25.86	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.95	26.02	25.91	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.97	25.99	25.81	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.91	26.01	25.91	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.98	26.04	25.90	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.89	26.02	25.89	27.5	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	26.03	25.88	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	26.03	25.87	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.60	17.78	17.51	19.2	0.0
100	PI/2 BPSK	1	137	17.64	17.69	17.72		
100	PI/2 BPSK	1	271	17.56	17.68	17.67		
100	PI/2 BPSK	135	0	17.69	17.71	17.58	19.2	0.0
100	PI/2 BPSK	135	69	17.74	17.59	17.56	19.2	0.0
100	PI/2 BPSK	135	138	17.61	17.53	17.58	19.2	0.0
100	PI/2 BPSK	270	0	17.55	17.68	17.58		
100	QPSK	1	1	17.86	17.87	17.78	19.2	0.0
100	QPSK	1	137	17.67	17.68	17.77		
100	QPSK	1	271	17.68	17.55	17.57		
100	QPSK	135	0	17.64	17.66	17.57	19.2	0.0
100	QPSK	135	69	17.63	17.72	17.68	19.2	0.0
100	QPSK	135	138	17.66	17.68	17.55	19.2	0.0
100	QPSK	270	0	17.68	17.73	17.57		
100	16QAM	1	1	17.59	17.54	17.60	19.2	0.0
100	64QAM	1	1	17.55	17.58	17.62	19.2	0.0
100	256QAM	1	1	17.61	17.55	17.63	19.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.75	17.75	17.63	19.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.70	17.77	17.66	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.70	17.79	17.69	19.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.80	17.81	17.65	19.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.80	17.78	17.67	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.82	17.74	17.72	19.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.79	17.72	17.73	19.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.80	17.78	17.68	19.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.74	17.78	17.66	19.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.79	17.74	17.68	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.78	17.81	17.68	19.2	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	20.65	20.78	20.67	22.2	0.0
100	PI/2 BPSK	1	137	20.74	20.69	20.60		
100	PI/2 BPSK	1	271	20.61	20.68	20.69		
100	PI/2 BPSK	135	0	20.65	20.79	20.73	22.2	0.0
100	PI/2 BPSK	135	69	20.71	20.63	20.63	22.2	0.0
100	PI/2 BPSK	135	138	20.58	20.70	20.60	22.2	0.0
100	PI/2 BPSK	270	0	20.64	20.74	20.68		
100	QPSK	1	1	20.65	20.86	20.56	22.2	0.0
100	QPSK	1	137	20.62	20.66	20.63		
100	QPSK	1	271	20.59	20.68	20.68		
100	QPSK	135	0	20.67	20.70	20.61	22.2	0.0
100	QPSK	135	69	20.61	20.78	20.69	22.2	0.0
100	QPSK	135	138	20.56	20.77	20.66	22.2	0.0
100	QPSK	270	0	20.68	20.74	20.56		
100	16QAM	1	1	20.60	20.74	20.62	22.2	0.0
100	64QAM	1	1	20.57	20.67	20.73	22.2	0.0
100	256QAM	1	1	20.70	20.68	20.60	22.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.58	20.72	20.66	22.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.55	20.75	20.65	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.60	20.74	20.65	22.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.59	20.76	20.61	22.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.58	20.82	20.60	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.53	20.75	20.63	22.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.57	20.76	20.57	22.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.52	20.81	20.58	22.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.54	20.81	20.68	22.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.54	20.73	20.69	22.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.57	20.75	20.60	22.2	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		18.02		19.2	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.05		19.2	0.0
100	PI/2 BPSK	135	69		18.03		19.2	0.0
100	PI/2 BPSK	135	138		18.05		19.2	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.08		19.2	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.90			
100	QPSK	135	0		18.08		19.2	0.0
100	QPSK	135	69		18.03		19.2	0.0
100	QPSK	135	138		17.97		19.2	0.0
100	QPSK	270	0		18.08			
100	16QAM	1	1		17.84		19.2	0.0
100	64QAM	1	1		17.88		19.2	0.0
100	256QAM	1	1		17.88		19.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.96	17.97	17.99	19.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.97	17.97	18.03	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.03	17.99	18.02	19.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.00	18.03	17.96	19.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.02	17.97	17.99	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.04	18.04	18.00	19.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.98	17.94	18.00	19.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.93	18.01	18.00	19.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.95	17.99	18.01	19.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.93	18.02	17.98	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	18.01	17.96	19.2	0.0

Part27O n78 PC2 Ant8								
BW [MHz]	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		20.99		22.2	0.0
100	PI/2 BPSK	1	137		20.84			
100	PI/2 BPSK	1	271		20.82			
100	PI/2 BPSK	135	0		21.00		22.2	0.0
100	PI/2 BPSK	135	69		20.79		22.2	0.0
100	PI/2 BPSK	135	138		20.82		22.2	0.0
100	PI/2 BPSK	270	0		21.00			
100	QPSK	1	1		21.03		22.2	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.99			
100	QPSK	135	0		20.95		22.2	0.0
100	QPSK	135	69		20.79		22.2	0.0
100	QPSK	135	138		20.93		22.2	0.0
100	QPSK	270	0		20.85			
100	16QAM	1	1		20.87		22.2	0.0
100	64QAM	1	1		20.91		22.2	0.0
100	256QAM	1	1		20.85		22.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.90	20.88	20.96	22.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.99	20.87	20.88	22.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.99	20.95	20.89	22.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.96	20.98	20.89	22.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.91	20.91	20.94	22.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.88	20.97	20.94	22.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.99	20.96	20.90	22.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.96	20.95	20.88	22.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.96	20.89	20.94	22.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.93	20.94	20.91	22.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.89	20.91	20.91	22.2	0.0

Part27O n77 Ant10

BW [MHz]	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	22.28	22.22	22.17	22.8	0.0
100	PI/2 BPSK	1	137	22.13	22.21	22.14		
100	PI/2 BPSK	1	271	22.22	22.15	22.07		
100	PI/2 BPSK	135	0	22.22	22.13	22.10	22.8	0.0
100	PI/2 BPSK	135	69	22.05	22.18	22.15	22.8	0.0
100	PI/2 BPSK	135	138	22.21	22.28	22.26	22.8	0.0
100	PI/2 BPSK	270	0	22.14	22.10	22.23		
100	QPSK	1	1	22.22	22.29	22.21	22.8	0.0
100	QPSK	1	137	22.13	22.11	22.08		
100	QPSK	1	271	22.26	22.10	22.19		
100	QPSK	135	0	22.10	22.26	22.25	22.8	0.0
100	QPSK	135	69	22.20	22.27	22.10	22.8	0.0
100	QPSK	135	138	22.20	22.15	22.12	22.8	0.0
100	QPSK	270	0	22.19	22.23	22.19		
100	16QAM	1	1	22.28	22.15	22.14	22.8	0.0
100	64QAM	1	1	22.08	22.14	22.26	22.8	0.0
100	256QAM	1	1	21.26	21.38	21.24	21.8	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.14	22.23	21.99	22.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.09	22.15	22.15	22.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.00	22.16	22.11	22.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.14	22.26	22.17	22.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.01	22.11	22.09	22.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.03	22.12	22.16	22.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.00	22.19	22.18	22.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.12	22.13	22.10	22.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.00	22.22	22.03	22.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.18	22.08	22.07	22.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.01	22.17	22.17	22.8	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	24.76	24.70	24.76	25.8	0.0
100	PI/2 BPSK	1	137	24.74	24.86	24.76		
100	PI/2 BPSK	1	271	24.77	24.77	24.80		
100	PI/2 BPSK	135	0	24.83	24.85	24.69	25.8	0.0
100	PI/2 BPSK	135	69	24.75	24.68	24.83	25.8	0.0
100	PI/2 BPSK	135	138	24.69	24.70	24.75	25.8	0.0
100	PI/2 BPSK	270	0	24.80	24.85	24.80		
100	QPSK	1	1	24.85	24.87	24.73	25.8	0.0
100	QPSK	1	137	24.77	24.83	24.71		
100	QPSK	1	271	24.84	24.86	24.73		
100	QPSK	135	0	24.41	24.41	24.30	25.3	0.5
100	QPSK	135	69	24.83	24.85	24.79	25.8	0.0
100	QPSK	135	138	24.19	24.22	24.14	25.3	0.5
100	QPSK	270	0	24.25	24.43	24.39		
100	16QAM	1	1	24.61	24.53	24.55	25.3	0.5
100	64QAM	1	1	23.01	23.03	22.94	23.8	2.0
100	256QAM	1	1	21.30	21.27	21.20	21.8	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.73	24.73	24.65	25.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.79	24.78	24.52	25.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.69	24.66	24.57	25.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.74	24.69	24.64	25.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.69	24.74	24.53	25.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.64	24.75	24.53	25.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.71	24.69	24.69	25.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.68	24.80	24.54	25.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.67	24.77	24.55	25.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.63	24.77	24.60	25.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.69	24.85	24.54	25.8	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.28		22.8	0.0
100	PI/2 BPSK	1	137		22.22			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.24		22.8	0.0
100	PI/2 BPSK	135	69		22.32		22.8	0.0
100	PI/2 BPSK	135	138		22.28		22.8	0.0
100	PI/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.39		22.8	0.0
100	QPSK	1	137		22.26			
100	QPSK	1	271		22.35			
100	QPSK	135	0		22.30		22.8	0.0
100	QPSK	135	69		22.34		22.8	0.0
100	QPSK	135	138		22.22		22.8	0.0
100	QPSK	270	0		22.31			
100	16QAM	1	1		22.25		22.8	0.0
100	64QAM	1	1		22.31		22.8	0.0
100	256QAM	1	1		21.73		21.8	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.23	22.17	22.19	22.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.36	22.20	22.29	22.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.25	22.22	22.22	22.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.19	22.32	22.34	22.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.22	22.21	22.18	22.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.31	22.36	22.30	22.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.34	22.34	22.17	22.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.24	22.33	22.21	22.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.21	22.25	22.22	22.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.32	22.32	22.30	22.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.19	22.35	22.34	22.8	0.0

Part27O n78 PC2 Ant10								
BW [MHz]	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		25.40		25.8	0.0
100	PI/2 BPSK	1	137		25.42			
100	PI/2 BPSK	1	271		25.28			
100	PI/2 BPSK	135	0		25.44		25.8	0.0
100	PI/2 BPSK	135	69		25.27		25.8	0.0
100	PI/2 BPSK	135	138		25.44		25.8	0.0
100	PI/2 BPSK	270	0		25.30			
100	QPSK	1	1		25.49		25.8	0.0
100	QPSK	1	137		25.27			
100	QPSK	1	271		25.44			
100	QPSK	135	0		24.88		25.3	0.5
100	QPSK	135	69		25.45		25.8	0.0
100	QPSK	135	138		24.79		25.3	0.5
100	QPSK	270	0		24.94			
100	16QAM	1	1		24.81		25.3	0.5
100	64QAM	1	1		23.43		23.8	2.0
100	256QAM	1	1		21.54		21.8	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.35	25.35	25.46	25.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.35	25.44	25.43	25.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.45	25.28	25.29	25.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.27	25.44	25.37	25.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.42	25.47	25.47	25.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.32	25.32	25.29	25.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.46	25.37	25.32	25.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.38	25.39	25.29	25.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.36	25.36	25.38	25.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.35	25.33	25.35	25.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.43	25.38	25.30	25.8	0.0

Reduced Power Mode for ECI7

n5 Ant0

BW [MHz]	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	22.49	22.59	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.69	22.55		
20	PI/2 BPSK	1	104	22.56	22.64	22.54		
20	PI/2 BPSK	50	0	22.17	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.72	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.22	22.22	22.13	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.23	22.07		
20	QPSK	1	1	22.71	22.75	22.62	24.0	0.0
20	QPSK	1	53	22.51	22.71	22.59		
20	QPSK	1	104	22.48	22.65	22.65		
20	QPSK	50	0	21.63	21.70	21.65	23.0	1.0
20	QPSK	50	28	22.55	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.66	23.0	1.0
20	QPSK	100	0	21.56	21.71	21.69		
20	16QAM	1	1	21.17	21.33	21.18	23.0	1.0
20	64QAM	1	1	19.96	19.93	19.83	21.5	2.5
20	256QAM	1	1	18.57	18.61	18.44	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	22.51	22.61	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.43	22.63	22.57	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	22.44	22.69	22.54	24.0	0.0

n26 Ant0

BW [MHz]	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	22.58	22.69	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.52	22.70	22.69		
20	PI/2 BPSK	1	104	22.60	22.66	22.47		
20	PI/2 BPSK	50	0	22.19	22.26	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.74	22.78	22.69	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.25	22.08	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.25	22.22		
20	QPSK	1	1	22.74	22.80	22.76	24.0	0.0
20	QPSK	1	53	22.50	22.71	22.68		
20	QPSK	1	104	22.50	22.70	22.49		
20	QPSK	50	0	21.72	21.74	21.75	23.0	1.0
20	QPSK	50	28	22.66	22.77	22.58	24.0	0.0
20	QPSK	50	56	21.58	21.73	21.59	23.0	1.0
20	QPSK	100	0	21.59	21.73	21.65		
20	16QAM	1	1	21.35	21.46	21.47	23.0	1.0
20	64QAM	1	1	19.90	20.05	20.06	21.5	2.5
20	256QAM	1	1	18.67	18.68	18.52	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	22.46	22.65	22.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.69	22.52	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	22.48	22.60	22.52	24.0	0.0

n71 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.83	23.00	22.90	24.0	0.0
20	PI/2 BPSK	1	53	22.86	23.09	22.96		
20	PI/2 BPSK	1	104	23.02	23.01	22.97		
20	PI/2 BPSK	50	0	22.55	22.56	22.55	23.5	0.5
20	PI/2 BPSK	50	28	23.13	23.11	23.10	24.0	0.0
20	PI/2 BPSK	50	56	22.57	22.60	22.48	23.5	0.5
20	PI/2 BPSK	100	0	22.36	22.56	22.53		
20	QPSK	1	1	23.08	23.14	23.01	24.0	0.0
20	QPSK	1	53	22.94	23.04	22.92		
20	QPSK	1	104	22.99	23.01	23.00		
20	QPSK	50	0	21.97	22.05	21.97	23.0	1.0
20	QPSK	50	28	23.02	23.10	23.08	24.0	0.0
20	QPSK	50	56	22.10	22.10	21.89	23.0	1.0
20	QPSK	100	0	22.02	22.06	22.04		
20	16QAM	1	1	21.63	21.75	21.58	23.0	1.0
20	64QAM	1	1	20.40	20.46	20.39	21.5	2.5
20	256QAM	1	1	18.96	19.02	19.09	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.43	22.67	22.57	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.43	22.64	22.58	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	22.52	22.61	22.52	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	18.12	18.21	18.17	19.3	0.0
40	PI/2 BPSK	1	53	18.01	18.11	18.00		
40	PI/2 BPSK	1	104	18.05	18.20	17.99		
40	PI/2 BPSK	50	0	18.14	18.20	18.11	19.3	0.0
40	PI/2 BPSK	50	28	18.04	18.08	18.07	19.3	0.0
40	PI/2 BPSK	50	56	18.06	18.17	18.04	19.3	0.0
40	PI/2 BPSK	100	0	18.11	18.22	18.07		
40	QPSK	1	1	18.03	18.23	18.05	19.3	0.0
40	QPSK	1	53	18.01	18.19	18.02		
40	QPSK	1	104	18.10	18.22	18.16		
40	QPSK	50	0	18.10	18.13	18.01	19.3	0.0
40	QPSK	50	28	18.05	18.20	18.00	19.3	0.0
40	QPSK	50	56	18.19	18.10	18.17	19.3	0.0
40	QPSK	100	0	18.01	18.09	18.07		
40	16QAM	1	1	18.05	18.14	18.00	19.3	0.0
40	64QAM	1	1	18.13	18.20	18.19	19.3	0.0
40	256QAM	1	1	18.15	18.20	18.20	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	17.98	18.10	17.99	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	17.90	18.17	17.91	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.93	18.12	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	17.92	18.10	17.98	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	17.90	18.13	18.00	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	18.16	18.26	18.02	19.3	0.0
100	PI/2 BPSK	1	137	17.88	18.12	18.07		
100	PI/2 BPSK	1	271	17.89	17.92	17.90		
100	PI/2 BPSK	135	0	18.10	18.27	18.03	19.3	0.0
100	PI/2 BPSK	135	69	17.92	18.11	18.07	19.3	0.0
100	PI/2 BPSK	135	138	17.98	17.95	17.90	19.3	0.0
100	PI/2 BPSK	270	0	18.17	18.26	17.99		
100	QPSK	1	1	17.92	18.29	17.98	19.3	0.0
100	QPSK	1	137	17.95	17.91	17.89		
100	QPSK	1	271	18.15	18.24	17.99		
100	QPSK	135	0	17.88	18.12	18.09	19.3	0.0
100	QPSK	135	69	17.96	18.27	17.84	19.3	0.0
100	QPSK	135	138	18.21	18.26	18.04	19.3	0.0
100	QPSK	270	0	17.93	18.13	18.10		
100	16QAM	1	1	17.96	17.97	17.92	19.3	0.0
100	64QAM	1	1	18.13	18.12	18.04	19.3	0.0
100	256QAM	1	1	18.11	18.11	18.10	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	17.79	18.25	17.89	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	17.85	18.20	17.86	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	17.83	18.21	17.86	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	17.87	18.15	17.88	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	17.78	18.25	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	17.83	18.14	17.90	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	17.80	18.16	17.93	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	17.79	18.23	17.86	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	17.82	18.14	17.84	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	17.78	18.13	17.83	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.83	18.16	17.90	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	17.85	18.19	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	17.78	18.15	17.91	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	13.58	13.67	13.58	14.7	0.0
40	PI/2 BPSK	1	108	13.43	13.45	13.37		
40	PI/2 BPSK	1	214	13.48	13.56	13.39		
40	PI/2 BPSK	108	0	13.63	13.61	13.64	14.7	0.0
40	PI/2 BPSK	108	54	13.41	13.44	13.40	14.7	0.0
40	PI/2 BPSK	108	108	13.52	13.50	13.31	14.7	0.0
40	PI/2 BPSK	216	0	13.67	13.69	13.56		
40	QPSK	1	1	13.42	13.86	13.36	14.7	0.0
40	QPSK	1	108	13.52	13.50	13.34		
40	QPSK	1	214	13.59	13.69	13.55		
40	QPSK	108	0	13.43	13.56	13.45	14.7	0.0
40	QPSK	108	54	13.44	13.67	13.41	14.7	0.0
40	QPSK	108	108	13.65	13.60	13.55	14.7	0.0
40	QPSK	216	0	13.46	13.70	13.35		
40	16QAM	1	1	13.42	13.51	13.31	14.7	0.0
40	64QAM	1	1	13.58	13.65	13.63	14.7	0.0
40	256QAM	1	1	13.44	13.54	13.43	14.7	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	13.28	13.81	13.21	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	13.36	13.81	13.29	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	13.34	13.79	13.31	14.7	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	13.30	13.79	13.20	14.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.30	13.80	13.28	14.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.33	13.78	13.27	14.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.26	13.73	13.30	14.7	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.17	22.23	22.18	23.5	0.0
20	PI/2 BPSK	1	53	22.22	22.34	22.36		
20	PI/2 BPSK	1	104	22.28	22.29	22.15		
20	PI/2 BPSK	50	0	21.80	21.87	21.73	23.0	0.5
20	PI/2 BPSK	50	28	22.29	22.37	22.22	23.5	0.0
20	PI/2 BPSK	50	56	21.83	21.89	21.91	23.0	0.5
20	PI/2 BPSK	100	0	21.78	21.89	21.85		
20	QPSK	1	1	22.30	22.46	22.42	23.5	0.0
20	QPSK	1	53	22.18	22.36	22.35		
20	QPSK	1	104	22.06	22.29	22.22		
20	QPSK	50	0	21.28	21.37	21.39	22.5	1.0
20	QPSK	50	28	22.27	22.40	22.24	23.5	0.0
20	QPSK	50	56	21.40	21.38	21.25	22.5	1.0
20	QPSK	100	0	21.36	21.39	21.34		
20	16QAM	1	1	21.39	21.44	21.46	22.5	1.0
20	64QAM	1	1	19.67	19.60	19.72	21.0	2.5
20	256QAM	1	1	18.31	18.26	18.11	19.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.26	22.33	22.31	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.16	22.37	22.32	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.21	22.40	22.27	23.5	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.71	14.77	14.73	15.8	0.0
50	PI/2 BPSK	1	135	14.61	14.61	14.45		
50	PI/2 BPSK	1	268	14.46	14.51	14.53		
50	PI/2 BPSK	135	0	14.67	14.71	14.70	15.8	0.0
50	PI/2 BPSK	135	68	14.58	14.64	14.45	15.8	0.0
50	PI/2 BPSK	135	135	14.43	14.51	14.57	15.8	0.0
50	PI/2 BPSK	270	0	14.73	14.79	14.72		
50	QPSK	1	1	14.54	14.81	14.46	15.8	0.0
50	QPSK	1	135	14.48	14.56	14.50		
50	QPSK	1	268	14.66	14.75	14.72		
50	QPSK	135	0	14.60	14.67	14.39	15.8	0.0
50	QPSK	135	68	14.46	14.76	14.57	15.8	0.0
50	QPSK	135	135	14.75	14.71	14.71	15.8	0.0
50	QPSK	270	0	14.52	14.59	14.40		
50	16QAM	1	1	14.50	14.49	14.53	15.8	0.0
50	64QAM	1	1	14.71	14.79	14.72	15.8	0.0
50	256QAM	1	1	14.53	14.66	14.39	15.8	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.41	14.73	14.37	15.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	14.42	14.76	14.35	15.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.43	14.74	14.37	15.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.44	14.75	14.32	15.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.40	14.76	14.39	15.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.41	14.70	14.31	15.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.45	14.71	14.33	15.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.48	14.75	14.38	15.8	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.28	22.33	22.28	23.5	0.0
20	PI/2 BPSK	1	53	22.18	22.30	22.21		
20	PI/2 BPSK	1	104	22.35	22.33	22.28		
20	PI/2 BPSK	50	0	21.91	21.93	21.82	23.0	0.5
20	PI/2 BPSK	50	28	22.43	22.43	22.29	23.5	0.0
20	PI/2 BPSK	50	56	21.89	21.93	21.89	23.0	0.5
20	PI/2 BPSK	100	0	21.92	21.92	21.78		
20	QPSK	1	1	22.43	22.47	22.31	23.5	0.0
20	QPSK	1	53	22.33	22.34	22.24		
20	QPSK	1	104	22.21	22.34	22.32		
20	QPSK	50	0	21.42	21.42	21.36	22.5	1.0
20	QPSK	50	28	22.35	22.41	22.28	23.5	0.0
20	QPSK	50	56	21.26	21.41	21.25	22.5	1.0
20	QPSK	100	0	21.31	21.40	21.25		
20	16QAM	1	1	21.14	21.11	21.03	22.5	1.0
20	64QAM	1	1	19.79	19.72	19.73	21.0	2.5
20	256QAM	1	1	18.29	18.35	18.41	19.0	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.17	22.36	22.15	23.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.15	22.30	22.14	23.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.23	22.36	22.18	23.5	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.58	15.69	15.64	17.0	0.0
40	PI/2 BPSK	1	108	15.48	15.65	15.52		
40	PI/2 BPSK	1	214	15.62	15.52	15.36		
40	PI/2 BPSK	108	0	15.68	15.71	15.67	17.0	0.0
40	PI/2 BPSK	108	54	15.49	15.67	15.55	17.0	0.0
40	PI/2 BPSK	108	108	15.62	15.61	15.44	17.0	0.0
40	PI/2 BPSK	216	0	15.63	15.72	15.69		
40	QPSK	1	1	15.51	15.75	15.54	17.0	0.0
40	QPSK	1	108	15.54	15.52	15.40		
40	QPSK	1	214	15.64	15.67	15.61		
40	QPSK	108	0	15.48	15.57	15.60	17.0	0.0
40	QPSK	108	54	15.55	15.70	15.39	17.0	0.0
40	QPSK	108	108	15.67	15.65	15.69	17.0	0.0
40	QPSK	216	0	15.55	15.64	15.61		
40	16QAM	1	1	15.53	15.52	15.48	17.0	0.0
40	64QAM	1	1	15.57	15.46	15.63	17.0	0.0
40	256QAM	1	1	15.49	15.59	15.54	17.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.43	15.61	15.45	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.44	15.64	15.41	17.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.41	15.67	15.44	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.46	15.70	15.47	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.35	15.66	15.47	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.42	15.71	15.40	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.36	15.59	15.44	17.0	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.36	22.51	22.50	24.0	0.0
20	PI/2 BPSK	1	53	22.47	22.60	22.47		
20	PI/2 BPSK	1	104	22.49	22.51	22.46		
20	PI/2 BPSK	50	0	21.96	22.06	21.97	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.52	22.50	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.12	21.92	23.5	0.5
20	PI/2 BPSK	100	0	22.10	22.07	22.05		
20	QPSK	1	1	22.55	22.62	22.50	24.0	0.0
20	QPSK	1	53	22.44	22.59	22.42		
20	QPSK	1	104	22.38	22.50	22.36		
20	QPSK	50	0	21.51	21.54	21.47	23.0	1.0
20	QPSK	50	28	22.53	22.58	22.51	24.0	0.0
20	QPSK	50	56	21.45	21.61	21.53	23.0	1.0
20	QPSK	100	0	21.45	21.57	21.44		
20	16QAM	1	1	21.20	21.25	21.08	23.0	1.0
20	64QAM	1	1	19.91	19.97	19.88	21.5	2.5
20	256QAM	1	1	18.58	18.52	18.42	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.09	22.15	22.05	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.14	22.20	22.06	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	22.08	22.13	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.90	16.10	16.00	17.7	0.0
40	PI/2 BPSK	1	53	15.80	15.79	15.84		
40	PI/2 BPSK	1	104	15.90	15.71	15.88		
40	PI/2 BPSK	50	0	15.99	16.04	15.99	17.7	0.0
40	PI/2 BPSK	50	28	15.86	15.86	15.91	17.7	0.0
40	PI/2 BPSK	50	56	15.96	15.76	15.91	17.7	0.0
40	PI/2 BPSK	100	0	15.94	16.05	15.97		
40	QPSK	1	1	15.84	16.21	15.92	17.7	0.0
40	QPSK	1	53	15.80	15.71	15.96		
40	QPSK	1	104	15.89	16.04	15.99		
40	QPSK	50	0	15.89	15.80	15.89	17.7	0.0
40	QPSK	50	28	15.97	16.13	16.06	17.7	0.0
40	QPSK	50	56	15.94	16.12	16.01	17.7	0.0
40	QPSK	100	0	15.86	15.95	15.90		
40	16QAM	1	1	15.80	15.71	16.11	17.7	0.0
40	64QAM	1	1	15.97	16.14	15.93	17.7	0.0
40	256QAM	1	1	15.89	15.82	15.85	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.82	16.17	15.77	17.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.87	16.16	15.76	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.83	16.17	15.79	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.95	16.14	15.86	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.85	16.15	15.82	17.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.30	16.50	16.40	17.7	0.0
100	PI/2 BPSK	1	137	16.25	16.34	16.19		
100	PI/2 BPSK	1	271	16.12	16.29	16.10		
100	PI/2 BPSK	135	0	16.33	16.47	16.39	17.7	0.0
100	PI/2 BPSK	135	69	16.22	16.36	16.21	17.7	0.0
100	PI/2 BPSK	135	138	16.15	16.25	16.03	17.7	0.0
100	PI/2 BPSK	270	0	16.38	16.42	16.45		
100	QPSK	1	1	16.17	16.53	16.13	17.7	0.0
100	QPSK	1	137	16.15	16.26	16.04		
100	QPSK	1	271	16.32	16.48	16.40		
100	QPSK	135	0	16.21	16.37	16.21	17.7	0.0
100	QPSK	135	69	16.21	16.41	16.06	17.7	0.0
100	QPSK	135	138	16.32	16.39	16.37	17.7	0.0
100	QPSK	270	0	16.20	16.32	16.16		
100	16QAM	1	1	16.18	16.22	16.07	17.7	0.0
100	64QAM	1	1	16.35	16.51	16.37	17.7	0.0
100	256QAM	1	1	16.25	16.42	16.19	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.06	16.44	16.01	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.02	16.41	15.97	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.04	16.42	16.09	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.13	16.44	16.00	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.02	16.38	16.07	17.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.02	16.38	16.04	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.13	16.41	16.03	17.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.01	16.39	16.01	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.11	16.44	16.09	17.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.06	16.40	16.02	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.11	16.43	16.00	17.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.04	16.39	16.01	17.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.03	16.44	16.05	17.7	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.90	20.03	19.82	21.2	0.0
40	PI/2 BPSK	1	108	19.66	19.97	19.76		
40	PI/2 BPSK	1	214	19.70	19.90	19.78		
40	PI/2 BPSK	108	0	19.94	19.98	19.81	21.2	0.0
40	PI/2 BPSK	108	54	19.66	19.89	19.71	21.2	0.0
40	PI/2 BPSK	108	108	19.77	19.87	19.82	21.2	0.0
40	PI/2 BPSK	216	0	19.98	19.92	19.88		
40	QPSK	1	1	19.71	20.05	19.74	21.2	0.0
40	QPSK	1	108	19.68	19.89	19.85		
40	QPSK	1	214	19.90	19.96	19.91		
40	QPSK	108	0	19.73	19.89	19.77	21.2	0.0
40	QPSK	108	54	19.73	19.95	19.87	21.2	0.0
40	QPSK	108	108	19.89	19.93	19.89	21.2	0.0
40	QPSK	216	0	19.65	19.94	19.71		
40	16QAM	1	1	19.72	19.93	19.85	21.2	0.0
40	64QAM	1	1	19.68	19.96	19.83	21.2	0.0
40	256QAM	1	1	18.60	18.73	18.65	19.7	1.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.64	19.98	19.63	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.64	19.96	19.64	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.63	19.90	19.58	21.2	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.65	19.97	19.70	21.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.63	20.00	19.63	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.65	19.92	19.64	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.66	19.90	19.69	21.2	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	20.98	21.10	21.00	22.2	0.0
50	PI/2 BPSK	1	135	20.99	21.02	20.97		
50	PI/2 BPSK	1	268	20.78	20.90	20.71		
50	PI/2 BPSK	135	0	21.08	21.06	20.99	22.2	0.0
50	PI/2 BPSK	135	68	20.99	21.00	20.90	22.2	0.0
50	PI/2 BPSK	135	135	20.76	20.81	20.73	22.2	0.0
50	PI/2 BPSK	270	0	21.04	21.08	20.98		
50	QPSK	1	1	20.99	21.23	20.92	22.2	0.0
50	QPSK	1	135	20.72	20.88	20.64		
50	QPSK	1	268	21.09	21.07	20.96		
50	QPSK	135	0	20.93	21.05	20.95	22.2	0.0
50	QPSK	135	68	20.76	21.14	20.71	22.2	0.0
50	QPSK	135	135	21.06	21.12	20.95	22.2	0.0
50	QPSK	270	0	20.98	21.01	20.94		
50	16QAM	1	1	20.68	20.89	20.63	22.2	0.0
50	64QAM	1	1	20.07	20.18	20.17	21.7	0.5
50	256QAM	1	1	18.75	18.69	18.66	19.7	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.88	21.13	20.79	22.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.90	21.10	20.83	22.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.91	21.14	20.79	22.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.92	21.17	20.77	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.83	21.19	20.87	22.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.95	21.11	20.86	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.90	21.11	20.81	22.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.91	21.11	20.86	22.2	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.12	20.12	19.98	21.5	0.0
40	PI/2 BPSK	1	108	19.80	19.93	19.80		
40	PI/2 BPSK	1	214	19.57	19.87	19.82		
40	PI/2 BPSK	108	0	20.10	20.14	20.06	21.5	0.0
40	PI/2 BPSK	108	54	19.82	19.99	19.83	21.5	0.0
40	PI/2 BPSK	108	108	19.58	19.81	19.85	21.5	0.0
40	PI/2 BPSK	216	0	20.07	20.21	20.01		
40	QPSK	1	1	19.83	20.22	19.83	21.5	0.0
40	QPSK	1	108	19.61	19.79	19.79		
40	QPSK	1	214	20.11	20.14	20.08		
40	QPSK	108	0	19.82	19.95	19.79	21.5	0.0
40	QPSK	108	54	19.61	20.18	19.76	21.5	0.0
40	QPSK	108	108	20.12	20.14	20.04	21.5	0.0
40	QPSK	216	0	19.85	19.96	19.79		
40	16QAM	1	1	19.61	19.86	19.85	21.5	0.0
40	64QAM	1	1	20.07	20.15	20.08	21.5	0.0
40	256QAM	1	1	18.89	18.93	18.92	20.0	1.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.74	20.13	19.76	21.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.76	20.18	19.79	21.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.69	20.14	19.75	21.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.77	20.14	19.76	21.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.77	20.14	19.79	21.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.74	20.16	19.69	21.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.76	20.06	19.75	21.5	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	20.50	20.61	20.47	22.2	0.0
40	PI/2 BPSK	1	53	20.49	20.53	20.36		
40	PI/2 BPSK	1	104	20.57	20.39	20.28		
40	PI/2 BPSK	50	0	20.46	20.63	20.50	22.2	0.0
40	PI/2 BPSK	50	28	20.48	20.46	20.38	22.2	0.0
40	PI/2 BPSK	50	56	20.46	20.42	20.23	22.2	0.0
40	PI/2 BPSK	100	0	20.45	20.53	20.56		
40	QPSK	1	1	20.49	20.65	20.35	22.2	0.0
40	QPSK	1	53	20.21	20.45	20.49		
40	QPSK	1	104	20.52	20.54	20.51		
40	QPSK	50	0	20.49	20.51	20.43	22.2	0.0
40	QPSK	50	28	20.21	20.56	20.24	22.2	0.0
40	QPSK	50	56	20.46	20.54	20.50	22.2	0.0
40	QPSK	100	0	20.50	20.52	20.39		
40	16QAM	1	1	20.40	20.47	20.24	22.2	0.0
40	64QAM	1	1	20.46	20.61	20.48	22.2	0.0
40	256QAM	1	1	18.68	18.79	18.82	20.2	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.41	20.53	20.21	22.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.43	20.54	20.27	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.39	20.60	20.24	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.42	20.50	20.31	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.36	20.56	20.28	22.2	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	20.58	20.73	20.58	22.2	0.0
100	PI/2 BPSK	1	137	20.55	20.55	20.50		
100	PI/2 BPSK	1	271	20.28	20.56	20.37		
100	PI/2 BPSK	135	0	20.60	20.64	20.63	22.2	0.0
100	PI/2 BPSK	135	69	20.56	20.58	20.49	22.2	0.0
100	PI/2 BPSK	135	138	20.37	20.49	20.39	22.2	0.0
100	PI/2 BPSK	270	0	20.57	20.74	20.57		
100	QPSK	1	1	20.64	20.75	20.54	22.2	0.0
100	QPSK	1	137	20.30	20.50	20.32		
100	QPSK	1	271	20.58	20.72	20.56		
100	QPSK	135	0	20.60	20.62	20.46	22.2	0.0
100	QPSK	135	69	20.26	20.74	20.30	22.2	0.0
100	QPSK	135	138	20.60	20.73	20.67	22.2	0.0
100	QPSK	270	0	20.65	20.66	20.56		
100	16QAM	1	1	20.27	20.58	20.32	22.2	0.0
100	64QAM	1	1	20.55	20.67	20.61	22.2	0.0
100	256QAM	1	1	18.70	18.64	18.47	20.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.50	20.66	20.48	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.58	20.63	20.44	22.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.60	20.66	20.42	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.54	20.70	20.46	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.52	20.65	20.41	22.2	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.52	20.65	20.45	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.54	20.63	20.43	22.2	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.50	20.59	20.40	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.53	20.69	20.41	22.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.56	20.62	20.49	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.49	20.63	20.43	22.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.50	20.62	20.48	22.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.60	20.61	20.49	22.2	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	12.40	12.47	12.50	14.1	0.0
40	PI/2 BPSK	1	53	12.24	12.43	12.38		
40	PI/2 BPSK	1	104	12.12	12.35	12.33		
40	PI/2 BPSK	50	0	12.45	12.51	12.43	14.1	0.0
40	PI/2 BPSK	50	28	12.20	12.48	12.32	14.1	0.0
40	PI/2 BPSK	50	56	12.14	12.35	12.35	14.1	0.0
40	PI/2 BPSK	100	0	12.48	12.57	12.49		
40	QPSK	1	1	12.22	12.61	12.43	14.1	0.0
40	QPSK	1	53	12.15	12.41	12.33		
40	QPSK	1	104	12.47	12.55	12.46		
40	QPSK	50	0	12.23	12.49	12.35	14.1	0.0
40	QPSK	50	28	12.13	12.54	12.26	14.1	0.0
40	QPSK	50	56	12.37	12.52	12.51	14.1	0.0
40	QPSK	100	0	12.20	12.53	12.41		
40	16QAM	1	1	12.11	12.31	12.34	14.1	0.0
40	64QAM	1	1	12.39	12.45	12.54	14.1	0.0
40	256QAM	1	1	12.27	12.50	12.32	14.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.12	12.53	12.32	14.1	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	12.47	12.53	12.36	14.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.15	12.57	12.36	14.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.48	12.54	12.30	14.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.11	12.51	12.38	14.1	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.58	12.75	12.66	14.1	0.0
100	PI/2 BPSK	1	137	12.45	12.69	12.62		
100	PI/2 BPSK	1	271	12.29	12.57	12.45		
100	PI/2 BPSK	135	0	12.66	12.75	12.64	14.1	0.0
100	PI/2 BPSK	135	69	12.45	12.66	12.63	14.1	0.0
100	PI/2 BPSK	135	138	12.36	12.56	12.53	14.1	0.0
100	PI/2 BPSK	270	0	12.59	12.71	12.68		
100	QPSK	1	1	12.45	12.78	12.58	14.1	0.0
100	QPSK	1	137	12.31	12.52	12.54		
100	QPSK	1	271	12.62	12.72	12.70		
100	QPSK	135	0	12.43	12.69	12.56	14.1	0.0
100	QPSK	135	69	12.36	12.71	12.47	14.1	0.0
100	QPSK	135	138	12.64	12.70	12.67	14.1	0.0
100	QPSK	270	0	12.43	12.66	12.59		
100	16QAM	1	1	12.36	12.55	12.48	14.1	0.0
100	64QAM	1	1	12.65	12.67	12.65	14.1	0.0
100	256QAM	1	1	12.38	12.71	12.63	14.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.37	12.66	12.46	14.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.35	12.65	12.43	14.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.30	12.65	12.49	14.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.40	12.74	12.50	14.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.40	12.73	12.45	14.1	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	12.32	12.64	12.49	14.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.36	12.70	12.42	14.1	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	12.30	12.68	12.46	14.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.33	12.62	12.48	14.1	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	12.32	12.73	12.45	14.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.40	12.69	12.42	14.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.34	12.73	12.51	14.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.30	12.65	12.48	14.1	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.98	14.07	13.87	15.1	0.0
100	PI/2 BPSK	1	137	13.81	13.99	13.74		
100	PI/2 BPSK	1	271	14.15	14.11	13.88		
100	PI/2 BPSK	135	0	14.00	14.02	13.94	15.1	0.0
100	PI/2 BPSK	135	69	13.92	14.04	13.96	15.1	0.0
100	PI/2 BPSK	135	138	14.10	14.14	13.92	15.1	0.0
100	PI/2 BPSK	270	0	14.02	14.13	14.09		
100	QPSK	1	1	14.17	14.31	14.15	15.1	0.0
100	QPSK	1	137	14.01	14.02	13.70		
100	QPSK	1	271	14.08	14.06	13.90		
100	QPSK	135	0	14.05	14.03	14.00	15.1	0.0
100	QPSK	135	69	13.91	14.13	13.96	15.1	0.0
100	QPSK	135	138	14.01	14.07	13.99	15.1	0.0
100	QPSK	270	0	13.92	14.08	13.91		
100	16QAM	1	1	13.79	13.90	13.71	15.1	0.0
100	64QAM	1	1	13.74	13.86	13.85	15.1	0.0
100	256QAM	1	1	13.78	13.82	13.76	15.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.11	14.12	14.06	15.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.98	14.22	13.96	15.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.13	14.16	14.03	15.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.01	14.22	13.96	15.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.08	14.28	14.10	15.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.12	14.13	13.96	15.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.07	14.24	14.06	15.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.11	14.21	13.96	15.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.02	14.17	14.00	15.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.02	14.25	14.11	15.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.01	14.19	13.93	15.1	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.04	17.01	16.91	18.1	0.0
100	PI/2 BPSK	1	137	16.74	16.91	16.71		
100	PI/2 BPSK	1	271	16.80	16.86	16.82		
100	PI/2 BPSK	135	0	17.00	17.08	16.90	18.1	0.0
100	PI/2 BPSK	135	69	16.79	16.92	16.82	18.1	0.0
100	PI/2 BPSK	135	138	16.81	16.90	16.92	18.1	0.0
100	PI/2 BPSK	270	0	17.05	17.07	16.93		
100	QPSK	1	1	16.76	17.10	16.75	18.1	0.0
100	QPSK	1	137	16.78	16.90	16.83		
100	QPSK	1	271	16.97	17.06	16.92		
100	QPSK	135	0	16.83	16.88	16.75	18.1	0.0
100	QPSK	135	69	16.84	17.08	16.83	18.1	0.0
100	QPSK	135	138	17.06	17.06	16.93	18.1	0.0
100	QPSK	270	0	16.75	16.85	16.78		
100	16QAM	1	1	16.82	16.92	16.82	18.1	0.0
100	64QAM	1	1	16.97	17.01	17.00	18.1	0.0
100	256QAM	1	1	16.80	16.85	16.81	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.70	16.95	16.67	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.68	16.99	16.63	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.61	16.99	16.70	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.63	16.98	16.71	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.70	17.00	16.63	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.63	17.01	16.64	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.72	16.94	16.67	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.68	16.99	16.69	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.70	16.96	16.67	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.62	16.98	16.71	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.62	17.05	16.67	18.1	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.46		15.1	0.0
100	PI/2 BPSK	1	137		14.24			
100	PI/2 BPSK	1	271		14.26			
100	PI/2 BPSK	135	0		14.33		15.1	0.0
100	PI/2 BPSK	135	69		14.38		15.1	0.0
100	PI/2 BPSK	135	138		14.29		15.1	0.0
100	PI/2 BPSK	270	0		14.46			
100	QPSK	1	1		14.48		15.1	0.0
100	QPSK	1	137		14.32			
100	QPSK	1	271		14.24			
100	QPSK	135	0		14.30		15.1	0.0
100	QPSK	135	69		14.44		15.1	0.0
100	QPSK	135	138		14.28		15.1	0.0
100	QPSK	270	0		14.40			
100	16QAM	1	1		14.24		15.1	0.0
100	64QAM	1	1		14.29		15.1	0.0
100	256QAM	1	1		14.21		15.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.38	14.33	14.40	15.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.40	14.43	14.37	15.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.41	14.39	14.34	15.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.41	14.34	14.33	15.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.41	14.39	14.36	15.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.35	14.41	14.43	15.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.43	14.40	14.34	15.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.39	14.38	14.38	15.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.39	14.33	14.38	15.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.43	14.42	14.32	15.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.39	14.37	14.36	15.1	0.0

Part27O n78 PC2 Ant7								
BW [MHz]	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		17.30		18.1	0.0
100	PI/2 BPSK	1	137		17.22			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.37		18.1	0.0
100	PI/2 BPSK	135	69		17.15		18.1	0.0
100	PI/2 BPSK	135	138		17.16		18.1	0.0
100	PI/2 BPSK	270	0		17.36			
100	QPSK	1	1		17.39		18.1	0.0
100	QPSK	1	137		17.17			
100	QPSK	1	271		17.34			
100	QPSK	135	0		17.21		18.1	0.0
100	QPSK	135	69		17.27		18.1	0.0
100	QPSK	135	138		17.17		18.1	0.0
100	QPSK	270	0		17.13			
100	16QAM	1	1		17.08		18.1	0.0
100	64QAM	1	1		17.03		18.1	0.0
100	256QAM	1	1		17.11		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.32	17.28	17.24	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.29	17.30	17.27	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.26	17.24	17.33	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.33	17.27	17.32	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.23	17.26	17.26	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.31	17.31	17.31	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.31	17.32	17.28	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.33	17.24	17.27	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.32	17.23	17.32	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.31	17.30	17.30	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.26	17.31	17.33	18.1	0.0

Part27O n77 Ant4

BW [MHz]	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	17.06	17.17	17.12	18.7	0.0
100	PI/2 BPSK	1	137	17.11	17.10	16.99		
100	PI/2 BPSK	1	271	17.06	17.04	16.79		
100	PI/2 BPSK	135	0	17.20	17.26	17.23	18.7	0.0
100	PI/2 BPSK	135	69	17.01	17.20	17.05	18.7	0.0
100	PI/2 BPSK	135	138	17.03	17.06	17.17	18.7	0.0
100	PI/2 BPSK	270	0	17.02	17.10	17.19		
100	QPSK	1	1	17.26	17.28	17.01	18.7	0.0
100	QPSK	1	137	16.84	17.16	17.20		
100	QPSK	1	271	17.10	17.05	17.02		
100	QPSK	135	0	16.98	17.20	17.03	18.7	0.0
100	QPSK	135	69	17.25	17.26	17.18	18.7	0.0
100	QPSK	135	138	17.21	17.20	17.08	18.7	0.0
100	QPSK	270	0	16.97	17.17	17.06		
100	16QAM	1	1	16.78	16.90	16.89	18.7	0.0
100	64QAM	1	1	16.97	16.87	16.76	18.7	0.0
100	256QAM	1	1	16.98	16.78	16.81	18.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.11	17.16	16.88	18.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.12	17.15	16.95	18.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.17	17.15	16.91	18.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.14	17.12	16.89	18.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.12	17.15	16.96	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.12	17.22	16.97	18.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.19	17.12	16.93	18.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.20	17.14	16.86	18.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.13	17.23	16.88	18.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.20	17.23	16.90	18.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.11	17.20	16.89	18.7	0.0

Part27O n77 PC2 Ant4

BW [MHz]	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	20.27	20.29	20.27	21.7	0.0
100	PI/2 BPSK	1	137	20.06	20.24	19.99		
100	PI/2 BPSK	1	271	19.81	20.03	19.95		
100	PI/2 BPSK	135	0	20.21	20.30	20.22	21.7	0.0
100	PI/2 BPSK	135	69	19.96	20.21	19.95	21.7	0.0
100	PI/2 BPSK	135	138	19.88	19.98	19.89	21.7	0.0
100	PI/2 BPSK	270	0	20.24	20.36	20.31		
100	QPSK	1	1	19.99	20.37	20.05	21.7	0.0
100	QPSK	1	137	19.81	20.02	19.87		
100	QPSK	1	271	20.19	20.30	20.21		
100	QPSK	135	0	20.06	20.16	19.94	21.7	0.0
100	QPSK	135	69	19.85	20.34	19.91	21.7	0.0
100	QPSK	135	138	20.26	20.33	20.23	21.7	0.0
100	QPSK	270	0	19.98	20.18	20.04		
100	16QAM	1	1	19.77	20.03	19.97	21.7	0.0
100	64QAM	1	1	20.22	20.29	20.27	21.7	0.0
100	256QAM	1	1	19.97	20.20	19.96	21.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.91	20.31	19.96	21.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.89	20.31	19.94	21.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.94	20.24	20.00	21.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.93	20.26	19.90	21.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.91	20.28	20.00	21.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.93	20.23	20.00	21.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.83	20.31	19.98	21.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.95	20.25	19.98	21.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.86	20.24	19.94	21.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.94	20.26	19.91	21.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.86	20.26	20.00	21.7	0.0

Part27O n78 Ant4

BW [MHz]	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		17.61		18.7	0.0
100	PI/2 BPSK	1	137		17.36			
100	PI/2 BPSK	1	271		17.48			
100	PI/2 BPSK	135	0		17.53		18.7	0.0
100	PI/2 BPSK	135	69		17.42		18.7	0.0
100	PI/2 BPSK	135	138		17.39		18.7	0.0
100	PI/2 BPSK	270	0		17.51			
100	QPSK	1	1		17.65		18.7	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.49		18.7	0.0
100	QPSK	135	69		17.53		18.7	0.0
100	QPSK	135	138		17.33		18.7	0.0
100	QPSK	270	0		17.52			
100	16QAM	1	1		17.23		18.7	0.0
100	64QAM	1	1		17.16		18.7	0.0
100	256QAM	1	1		17.19		18.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.52	17.53	17.49	18.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.53	17.58	17.59	18.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.58	17.58	17.51	18.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.52	17.54	17.60	18.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.59	17.60	17.51	18.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.52	17.54	17.58	18.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.53	17.55	17.55	18.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.51	17.60	17.52	18.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.56	17.50	17.55	18.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.60	17.52	17.51	18.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.60	17.54	17.61	18.7	0.0

Part27O n78 PC2 Ant4								
BW [MHz]	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		20.57		21.7	0.0
100	PI/2 BPSK	1	137		20.44			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		20.48		21.7	0.0
100	PI/2 BPSK	135	69		20.46		21.7	0.0
100	PI/2 BPSK	135	138		20.45		21.7	0.0
100	PI/2 BPSK	270	0		20.52			
100	QPSK	1	1		20.58		21.7	0.0
100	QPSK	1	137		20.45			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.48		21.7	0.0
100	QPSK	135	69		20.54		21.7	0.0
100	QPSK	135	138		20.53		21.7	0.0
100	QPSK	270	0		20.42			
100	16QAM	1	1		20.47		21.7	0.0
100	64QAM	1	1		20.50		21.7	0.0
100	256QAM	1	1		20.43		21.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.42	20.49	20.49	21.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.46	20.48	20.53	21.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.46	20.47	20.44	21.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.50	20.47	20.42	21.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.50	20.50	20.53	21.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.52	20.43	20.45	21.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.49	20.47	20.50	21.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.43	20.44	20.45	21.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.48	20.49	20.52	21.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.48	20.51	20.43	21.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.46	20.54	20.44	21.7	0.0

Part27O n77 Ant8

BW [MHz]	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	17.60	17.78	17.51	18.8	0.0
100	PI/2 BPSK	1	137	17.64	17.69	17.72		
100	PI/2 BPSK	1	271	17.56	17.68	17.67		
100	PI/2 BPSK	135	0	17.69	17.71	17.58	18.8	0.0
100	PI/2 BPSK	135	69	17.74	17.59	17.56	18.8	0.0
100	PI/2 BPSK	135	138	17.61	17.53	17.58	18.8	0.0
100	PI/2 BPSK	270	0	17.55	17.68	17.58		
100	QPSK	1	1	17.86	17.87	17.78	18.8	0.0
100	QPSK	1	137	17.67	17.68	17.77		
100	QPSK	1	271	17.68	17.55	17.57		
100	QPSK	135	0	17.64	17.66	17.57	18.8	0.0
100	QPSK	135	69	17.63	17.72	17.68	18.8	0.0
100	QPSK	135	138	17.66	17.68	17.55	18.8	0.0
100	QPSK	270	0	17.68	17.73	17.57		
100	16QAM	1	1	17.59	17.54	17.60	18.8	0.0
100	64QAM	1	1	17.55	17.58	17.62	18.8	0.0
100	256QAM	1	1	17.61	17.55	17.63	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	17.72	17.73	17.71	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	17.71	17.75	17.64	18.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.81	17.78	17.71	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	17.73	17.82	17.65	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	17.72	17.81	17.66	18.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.72	17.80	17.65	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	17.80	17.79	17.72	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	17.73	17.74	17.68	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	17.81	17.75	17.70	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	17.72	17.83	17.64	18.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.71	17.79	17.73	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	20.65	20.78	20.67	21.8	0.0
100	PI/2 BPSK	1	137	20.74	20.69	20.60		
100	PI/2 BPSK	1	271	20.61	20.68	20.69		
100	PI/2 BPSK	135	0	20.65	20.79	20.73	21.8	0.0
100	PI/2 BPSK	135	69	20.71	20.63	20.63	21.8	0.0
100	PI/2 BPSK	135	138	20.58	20.70	20.60	21.8	0.0
100	PI/2 BPSK	270	0	20.64	20.74	20.68		
100	QPSK	1	1	20.65	20.86	20.56	21.8	0.0
100	QPSK	1	137	20.62	20.66	20.63		
100	QPSK	1	271	20.59	20.68	20.68		
100	QPSK	135	0	20.67	20.70	20.61	21.8	0.0
100	QPSK	135	69	20.61	20.78	20.69	21.8	0.0
100	QPSK	135	138	20.56	20.77	20.66	21.8	0.0
100	QPSK	270	0	20.68	20.74	20.56		
100	16QAM	1	1	20.60	20.74	20.62	21.8	0.0
100	64QAM	1	1	20.57	20.67	20.73	21.8	0.0
100	256QAM	1	1	20.70	20.68	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	20.52	20.73	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	20.55	20.81	20.64	21.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.61	20.75	20.61	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	20.80	20.51	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	20.51	20.79	20.62	21.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.55	20.71	20.63	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	20.66	20.79	20.65	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	20.51	20.72	20.61	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	20.59	20.74	20.60	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	20.55	20.71	20.66	21.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.56	20.71	20.64	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.02		18.8	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.05		18.8	0.0
100	PI/2 BPSK	135	69		18.03		18.8	0.0
100	PI/2 BPSK	135	138		18.05		18.8	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.08		18.8	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.90			
100	QPSK	135	0		18.08		18.8	0.0
100	QPSK	135	69		18.03		18.8	0.0
100	QPSK	135	138		17.97		18.8	0.0
100	QPSK	270	0		18.08			
100	16QAM	1	1		17.84		18.8	0.0
100	64QAM	1	1		17.88		18.8	0.0
100	256QAM	1	1		17.88		18.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.99	18.01	17.93	18.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.02	17.93	17.98	18.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.04	17.99	17.94	18.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.94	17.92	17.99	18.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.93	17.95	17.92	18.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.98	17.99	17.98	18.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.93	18.03	17.96	18.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	17.95	17.97	18.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.98	17.95	17.97	18.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.92	18.03	18.02	18.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.02	17.92	18.02	18.8	0.0

Part27O n78 PC2 Ant8								
BW [MHz]	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		20.99		21.8	0.0
100	PI/2 BPSK	1	137		20.84			
100	PI/2 BPSK	1	271		20.82			
100	PI/2 BPSK	135	0		21.00		21.8	0.0
100	PI/2 BPSK	135	69		20.79		21.8	0.0
100	PI/2 BPSK	135	138		20.82		21.8	0.0
100	PI/2 BPSK	270	0		21.00			
100	QPSK	1	1		21.03		21.8	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.99			
100	QPSK	135	0		20.95		21.8	0.0
100	QPSK	135	69		20.79		21.8	0.0
100	QPSK	135	138		20.93		21.8	0.0
100	QPSK	270	0		20.85			
100	16QAM	1	1		20.87		21.8	0.0
100	64QAM	1	1		20.91		21.8	0.0
100	256QAM	1	1		20.85		21.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.88	20.94	20.89	21.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.93	20.99	20.98	21.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.97	20.95	20.89	21.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.89	20.92	20.97	21.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.87	20.99	20.88	21.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.98	20.90	20.94	21.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.95	20.92	20.89	21.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.91	20.90	20.91	21.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.92	20.89	20.96	21.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.95	20.98	20.91	21.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.91	20.87	20.90	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.46	12.58	12.58	13.7	0.0
100	PI/2 BPSK	1	137	12.38	12.37	12.18		
100	PI/2 BPSK	1	271	12.26	12.40	12.39		
100	PI/2 BPSK	135	0	12.40	12.61	12.37	13.7	0.0
100	PI/2 BPSK	135	69	12.28	12.46	12.40	13.7	0.0
100	PI/2 BPSK	135	138	12.26	12.41	12.25	13.7	0.0
100	PI/2 BPSK	270	0	12.31	12.40	12.48		
100	QPSK	1	1	12.67	12.68	12.67	13.7	0.0
100	QPSK	1	137	12.20	12.37	12.26		
100	QPSK	1	271	12.21	12.37	12.24		
100	QPSK	135	0	12.58	12.48	12.60	13.7	0.0
100	QPSK	135	69	12.64	12.65	12.53	13.7	0.0
100	QPSK	135	138	12.37	12.34	12.37	13.7	0.0
100	QPSK	270	0	12.44	12.61	12.57		
100	16QAM	1	1	12.17	12.20	12.22	13.7	0.0
100	64QAM	1	1	12.35	12.32	12.31	13.7	0.0
100	256QAM	1	1	12.30	12.34	12.34	13.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.59	12.56	12.58	13.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.61	12.54	12.58	13.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.52	12.53	12.60	13.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.61	12.63	12.52	13.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.60	12.60	12.61	13.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.54	12.54	12.56	13.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.57	12.61	12.63	13.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.55	12.59	12.51	13.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.51	12.53	12.61	13.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.56	12.53	12.59	13.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.55	12.56	12.59	13.7	0.0

Part27O n77 PC2 Ant10

BW [MHz]	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	15.67	15.68	15.51	16.7	0.0
100	PI/2 BPSK	1	137	15.31	15.35	15.26		
100	PI/2 BPSK	1	271	15.15	15.27	15.37		
100	PI/2 BPSK	135	0	15.67	15.71	15.47	16.7	0.0
100	PI/2 BPSK	135	69	15.30	15.36	15.20	16.7	0.0
100	PI/2 BPSK	135	138	15.14	15.34	15.40	16.7	0.0
100	PI/2 BPSK	270	0	15.66	15.70	15.52		
100	QPSK	1	1	15.29	15.79	15.24	16.7	0.0
100	QPSK	1	137	15.08	15.38	15.43		
100	QPSK	1	271	15.67	15.70	15.43		
100	QPSK	135	0	15.27	15.28	15.29	16.7	0.0
100	QPSK	135	69	15.07	15.70	15.45	16.7	0.0
100	QPSK	135	138	15.60	15.67	15.43	16.7	0.0
100	QPSK	270	0	15.26	15.32	15.24		
100	16QAM	1	1	15.14	15.35	15.37	16.7	0.0
100	64QAM	1	1	15.66	15.69	15.42	16.7	0.0
100	256QAM	1	1	15.20	15.27	15.27	16.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.25	15.64	15.15	16.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.21	15.65	15.15	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.24	15.73	15.15	16.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.20	15.71	15.15	16.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.20	15.73	15.15	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.23	15.72	15.16	16.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.20	15.68	15.11	16.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.18	15.68	15.17	16.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.16	15.64	15.13	16.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.17	15.64	15.12	16.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.14	15.64	15.18	16.7	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.06		13.7	0.0
100	PI/2 BPSK	1	137		13.05			
100	PI/2 BPSK	1	271		12.98			
100	PI/2 BPSK	135	0		12.95		13.7	0.0
100	PI/2 BPSK	135	69		13.11		13.7	0.0
100	PI/2 BPSK	135	138		13.02		13.7	0.0
100	PI/2 BPSK	270	0		12.96			
100	QPSK	1	1		13.12		13.7	0.0
100	QPSK	1	137		12.99			
100	QPSK	1	271		13.00			
100	QPSK	135	0		12.95		13.7	0.0
100	QPSK	135	69		13.08		13.7	0.0
100	QPSK	135	138		12.95		13.7	0.0
100	QPSK	270	0		13.00			
100	16QAM	1	1		12.76		13.7	0.0
100	64QAM	1	1		12.78		13.7	0.0
100	256QAM	1	1		12.81		13.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.97	13.05	13.00	13.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.01	12.99	12.99	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.06	13.03	13.00	13.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.03	13.07	13.05	13.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.06	13.07	13.05	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.03	12.99	12.98	13.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.04	13.05	13.06	13.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.06	13.07	13.01	13.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.05	13.04	13.01	13.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.04	12.99	12.98	13.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.04	13.03	12.97	13.7	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.19		16.7	0.0
100	PI/2 BPSK	1	137		16.02			
100	PI/2 BPSK	1	271		15.98			
100	PI/2 BPSK	135	0		16.14		16.7	0.0
100	PI/2 BPSK	135	69		15.93		16.7	0.0
100	PI/2 BPSK	135	138		15.89		16.7	0.0
100	PI/2 BPSK	270	0		16.13			
100	QPSK	1	1		16.21		16.7	0.0
100	QPSK	1	137		15.91			
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.02		16.7	0.0
100	QPSK	135	69		16.12		16.7	0.0
100	QPSK	135	138		16.10		16.7	0.0
100	QPSK	270	0		15.92			
100	16QAM	1	1		15.89		16.7	0.0
100	64QAM	1	1		16.11		16.7	0.0
100	256QAM	1	1		15.97		16.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.12	16.05	16.16	16.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.12	16.16	16.07	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.09	16.13	16.13	16.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.13	16.17	16.08	16.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.13	16.11	16.08	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.09	16.15	16.13	16.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.07	16.10	16.11	16.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.07	16.05	16.07	16.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.15	16.13	16.10	16.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.11	16.12	16.05	16.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.14	16.13	16.14	16.7	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	22.26	22.33	22.32	24.0	0.0
40	PI/2 BPSK	1	53	22.45	22.45	22.45		
40	PI/2 BPSK	1	104	22.67	22.73	22.65		
40	PI/2 BPSK	50	0	21.83	21.88	21.84	23.5	0.5
40	PI/2 BPSK	50	28	22.31	22.49	22.36	24.0	0.0
40	PI/2 BPSK	50	56	21.94	22.05	22.02	23.5	0.5
40	PI/2 BPSK	100	0	21.94	22.01	21.99		
40	QPSK	1	1	22.66	22.75	22.63	24.0	0.0
40	QPSK	1	53	22.55	22.62	22.53		
40	QPSK	1	104	22.53	22.65	22.50		
40	QPSK	50	0	21.24	21.39	21.18	23.0	1.0
40	QPSK	50	28	22.41	22.47	22.27	24.0	0.0
40	QPSK	50	56	21.41	21.46	21.27	23.0	1.0
40	QPSK	100	0	21.43	21.47	21.37		
40	16QAM	1	1	21.07	21.07	21.12	23.0	1.0
40	64QAM	1	1	19.65	19.64	19.62	21.5	2.5
40	256QAM	1	1	18.15	18.26	18.22	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	22.55	22.64	22.55	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	22.55	22.65	22.57	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.66	22.55	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	22.54	22.67	22.55	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	22.53	22.65	22.56	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	22.43	22.59	22.58	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.66	22.62		
100	PI/2 BPSK	1	271	22.46	22.47	22.33		
100	PI/2 BPSK	135	0	22.26	22.39	22.26	23.5	0.5
100	PI/2 BPSK	135	69	22.70	22.69	22.68	24.0	0.0
100	PI/2 BPSK	135	138	22.43	22.50	22.51	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.57	22.48		
100	QPSK	1	1	22.66	22.77	22.55	24.0	0.0
100	QPSK	1	137	22.42	22.62	22.54		
100	QPSK	1	271	22.45	22.46	22.38		
100	QPSK	135	0	22.26	22.39	22.32	23.0	1.0
100	QPSK	135	69	22.48	22.68	22.66	24.0	0.0
100	QPSK	135	138	22.41	22.48	22.44	23.0	1.0
100	QPSK	270	0	22.39	22.46	22.37		
100	16QAM	1	1	22.24	22.31	22.30	23.0	1.0
100	64QAM	1	1	21.24	21.20	21.12	21.5	2.5
100	256QAM	1	1	18.11	18.11	18.10	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	22.44	22.65	22.52	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	22.51	22.62	22.61	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	22.48	22.66	22.56	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	22.48	22.64	22.60	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	22.43	22.64	22.55	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	22.45	22.70	22.55	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	22.48	22.67	22.56	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	22.44	22.66	22.58	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	22.49	22.67	22.54	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	22.52	22.67	22.55	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	22.44	22.62	22.56	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	22.42	22.67	22.58	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	22.49	22.68	22.56	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.31	23.39	23.26	24.0	0.0
40	PI/2 BPSK	1	108	23.19	23.33	23.12		
40	PI/2 BPSK	1	214	23.21	23.32	23.32		
40	PI/2 BPSK	108	0	22.92	23.01	23.02	23.5	0.5
40	PI/2 BPSK	108	54	23.42	23.42	23.32	24.0	0.0
40	PI/2 BPSK	108	108	22.81	22.95	22.90	23.5	0.5
40	PI/2 BPSK	216	0	22.96	22.95	22.94		
40	QPSK	1	1	23.42	23.46	23.39	24.0	0.0
40	QPSK	1	108	23.22	23.30	23.20		
40	QPSK	1	214	23.28	23.33	23.16		
40	QPSK	108	0	22.27	22.34	22.30	23.0	1.0
40	QPSK	108	54	23.43	23.44	23.34	24.0	0.0
40	QPSK	108	108	22.41	22.41	22.34	23.0	1.0
40	QPSK	216	0	22.23	22.45	22.41		
40	16QAM	1	1	22.08	22.14	21.98	23.0	1.0
40	64QAM	1	1	20.55	20.69	20.55	21.5	2.5
40	256QAM	1	1	19.08	19.19	19.14	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	23.36	23.35	23.28	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.37	23.38	23.27	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.36	23.40	23.28	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.37	23.37	23.31	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.32	23.34	23.32	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.34	23.35	23.31	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.35	23.38	23.33	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.20	23.23	23.11	24.0	0.0
50	PI/2 BPSK	1	135	23.33	23.50	23.52		
50	PI/2 BPSK	1	268	23.25	23.28	23.24		
50	PI/2 BPSK	135	0	22.97	22.95	22.91	23.5	0.5
50	PI/2 BPSK	135	68	23.35	23.47	23.48	24.0	0.0
50	PI/2 BPSK	135	135	22.92	23.01	23.02	23.5	0.5
50	PI/2 BPSK	270	0	22.81	23.03	22.80		
50	QPSK	1	1	23.50	23.55	23.48	24.0	0.0
50	QPSK	1	135	23.37	23.42	23.21		
50	QPSK	1	268	23.24	23.34	23.32		
50	QPSK	135	0	22.26	22.48	22.42	23.0	1.0
50	QPSK	135	68	23.41	23.52	23.38	24.0	0.0
50	QPSK	135	135	22.38	22.47	22.32	23.0	1.0
50	QPSK	270	0	22.43	22.52	22.31		
50	16QAM	1	1	22.06	22.06	22.00	23.0	1.0
50	64QAM	1	1	20.55	20.62	20.45	21.5	2.5
50	256QAM	1	1	19.19	19.18	19.04	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.45	23.48	23.44	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	23.40	23.50	23.45	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.46	23.37	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	23.38	23.47	23.44	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	23.44	23.43	23.39	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	23.43	23.49	23.45	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.46	23.44	23.41	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	23.42	23.51	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.28	23.43	23.40	24.0	0.0
40	PI/2 BPSK	1	108	23.25	23.38	23.20		
40	PI/2 BPSK	1	214	23.24	23.34	23.28		
40	PI/2 BPSK	108	0	22.84	23.05	22.85	23.5	0.5
40	PI/2 BPSK	108	54	23.30	23.49	23.36	24.0	0.0
40	PI/2 BPSK	108	108	22.86	22.92	22.73	23.5	0.5
40	PI/2 BPSK	216	0	22.86	22.93	22.91		
40	QPSK	1	1	23.43	23.51	23.45	24.0	0.0
40	QPSK	1	108	23.33	23.41	23.36		
40	QPSK	1	214	23.37	23.36	23.22		
40	QPSK	108	0	22.47	22.52	22.43	23.0	1.0
40	QPSK	108	54	23.31	23.48	23.46	24.0	0.0
40	QPSK	108	108	22.33	22.37	22.36	23.0	1.0
40	QPSK	216	0	22.37	22.41	22.35		
40	16QAM	1	1	22.17	22.21	22.03	23.0	1.0
40	64QAM	1	1	20.76	20.74	20.81	21.5	2.5
40	256QAM	1	1	19.15	19.31	19.14	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.38	23.43	23.36	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.45	23.49	23.39	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	23.37	23.48	23.43	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.39	23.45	23.35	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	23.38	23.44	23.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.39	23.46	23.40	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	23.42	23.50	23.40	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	22.34	22.43	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.11	22.29	22.30		
40	PI/2 BPSK	1	104	22.27	22.34	22.25		
40	PI/2 BPSK	50	0	21.70	21.68	21.51	23.5	0.5
40	PI/2 BPSK	50	28	22.14	22.23	22.23	24.0	0.0
40	PI/2 BPSK	50	56	21.61	21.81	21.75	23.5	0.5
40	PI/2 BPSK	100	0	21.73	21.79	21.82		
40	QPSK	1	1	22.45	22.59	22.48	24.0	0.0
40	QPSK	1	53	22.12	22.35	22.38		
40	QPSK	1	104	22.13	22.23	22.04		
40	QPSK	50	0	21.02	21.14	21.09	23.0	1.0
40	QPSK	50	28	22.26	22.45	22.38	24.0	0.0
40	QPSK	50	56	21.22	21.25	21.05	23.0	1.0
40	QPSK	100	0	21.28	21.43	21.23		
40	16QAM	1	1	21.36	21.48	21.31	23.0	1.0
40	64QAM	1	1	20.10	20.05	20.10	21.5	2.5
40	256QAM	1	1	18.02	18.03	18.09	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	22.13	22.15	22.10	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	22.08	22.19	22.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.10	22.22	22.15	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	22.15	22.17	22.13	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	22.13	22.12	22.12	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	23.36	23.43	23.41	24.0	0.0
100	PI/2 BPSK	1	137	23.28	23.38	23.33		
100	PI/2 BPSK	1	271	23.29	23.27	23.08		
100	PI/2 BPSK	135	0	23.16	23.21	23.15	23.5	0.5
100	PI/2 BPSK	135	69	23.37	23.41	23.23	24.0	0.0
100	PI/2 BPSK	135	138	23.12	23.28	23.28	23.5	0.5
100	PI/2 BPSK	270	0	23.34	23.37	23.35		
100	QPSK	1	1	23.34	23.45	23.41	24.0	0.0
100	QPSK	1	137	23.22	23.36	23.19		
100	QPSK	1	271	23.15	23.25	23.06		
100	QPSK	135	0	22.08	22.22	22.12	23.0	1.0
100	QPSK	135	69	23.40	23.41	23.21	24.0	0.0
100	QPSK	135	138	22.16	22.24	22.14	23.0	1.0
100	QPSK	270	0	22.16	22.34	22.13		
100	16QAM	1	1	22.26	22.38	22.35	23.0	1.0
100	64QAM	1	1	20.77	20.92	20.89	21.5	2.5
100	256QAM	1	1	18.97	18.99	18.95	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	23.23	23.41	23.29	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	23.25	23.34	23.35	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	23.29	23.35	23.37	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	23.21	23.36	23.33	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	23.30	23.37	23.36	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	23.31	23.34	23.37	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	23.26	23.35	23.31	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	23.27	23.36	23.36	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	23.23	23.33	23.36	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	23.28	23.32	23.36	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	23.26	23.36	23.30	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	23.24	23.34	23.29	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	23.25	23.34	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	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	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.87	23.03	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.82	22.92	22.74		
40	PI/2 BPSK	1	214	22.74	22.83	22.66		
40	PI/2 BPSK	108	0	22.43	22.54	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.89	23.03	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.35	22.29	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.47	22.31		
40	QPSK	1	1	23.11	23.15	23.02	24.0	0.0
40	QPSK	1	108	22.85	22.96	22.83		
40	QPSK	1	214	22.60	22.82	22.80		
40	QPSK	108	0	21.83	22.04	22.05	23.0	1.0
40	QPSK	108	54	22.93	23.08	23.02	24.0	0.0
40	QPSK	108	108	21.76	21.84	21.75	23.0	1.0
40	QPSK	216	0	21.84	21.93	21.89		
40	16QAM	1	1	21.82	21.79	21.63	23.0	1.0
40	64QAM	1	1	20.22	20.32	20.29	21.5	2.5
40	256QAM	1	1	18.89	18.93	18.92	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.93	23.03	22.94	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	22.92	23.05	22.88	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.99	23.04	22.94	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	22.92	22.99	22.91	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.95	23.04	22.89	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	22.98	22.97	22.92	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	23.41	23.38	23.26	24.0	0.0
40	PI/2 BPSK	1	53	23.48	23.54	23.54		
40	PI/2 BPSK	1	104	23.41	23.60	23.53		
40	PI/2 BPSK	50	0	22.93	22.96	22.91	23.5	0.5
40	PI/2 BPSK	50	28	23.29	23.51	23.34	24.0	0.0
40	PI/2 BPSK	50	56	23.11	23.12	23.10	23.5	0.5
40	PI/2 BPSK	100	0	22.89	23.02	22.80		
40	QPSK	1	1	23.59	23.68	23.64	24.0	0.0
40	QPSK	1	53	23.52	23.58	23.61		
40	QPSK	1	104	23.55	23.66	23.56		
40	QPSK	50	0	22.31	22.44	22.22	23.0	1.0
40	QPSK	50	28	23.36	23.52	23.36	24.0	0.0
40	QPSK	50	56	22.29	22.51	22.32	23.0	1.0
40	QPSK	100	0	22.41	22.48	22.29		
40	16QAM	1	1	21.98	22.08	22.04	23.0	1.0
40	64QAM	1	1	20.71	20.66	20.68	21.5	2.5
40	256QAM	1	1	19.18	19.23	19.10	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	23.53	23.63	23.60	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	23.52	23.58	23.55	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.48	23.55	23.58	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	23.52	23.56	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	23.49	23.62	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.57	23.67	23.60	24.0	0.0
100	PI/2 BPSK	1	137	23.50	23.69	23.62		
100	PI/2 BPSK	1	271	23.48	23.59	23.42		
100	PI/2 BPSK	135	0	22.86	23.05	22.83	23.5	0.5
100	PI/2 BPSK	135	69	23.49	23.67	23.45	24.0	0.0
100	PI/2 BPSK	135	138	23.16	23.16	22.95	23.5	0.5
100	PI/2 BPSK	270	0	23.00	23.21	23.23		
100	QPSK	1	1	23.63	23.71	23.69	24.0	0.0
100	QPSK	1	137	23.43	23.66	23.58		
100	QPSK	1	271	23.34	23.56	23.50		
100	QPSK	135	0	22.59	22.68	22.71	23.0	1.0
100	QPSK	135	69	23.63	23.65	23.53	24.0	0.0
100	QPSK	135	138	22.66	22.74	22.63	23.0	1.0
100	QPSK	270	0	22.55	22.69	22.67		
100	16QAM	1	1	22.61	22.58	22.46	23.0	1.0
100	64QAM	1	1	21.10	21.16	21.06	21.5	2.5
100	256QAM	1	1	19.18	19.25	19.16	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	23.48	23.58	23.52	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	23.49	23.58	23.55	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	23.55	23.55	23.55	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	23.60	23.59	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	23.52	23.59	23.59	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	23.52	23.61	23.60	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	23.48	23.55	23.51	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	23.55	23.61	23.52	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	23.52	23.59	23.60	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	23.54	23.59	23.60	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	23.51	23.65	23.60	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	23.56	23.59	23.59	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	23.62	23.52	24.0	0.0

Reduced Power Mode for ECI2_Other PA

n38 Ant0

BW [MHz]	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	22.26	22.33	22.32	24.0	0.0
40	PI/2 BPSK	1	53	22.45	22.45	22.45		
40	PI/2 BPSK	1	104	22.67	22.73	22.65		
40	PI/2 BPSK	50	0	21.83	21.88	21.84	23.5	0.5
40	PI/2 BPSK	50	28	22.31	22.49	22.36	24.0	0.0
40	PI/2 BPSK	50	56	21.94	22.05	22.02	23.5	0.5
40	PI/2 BPSK	100	0	21.94	22.01	21.99		
40	QPSK	1	1	22.66	22.75	22.63	24.0	0.0
40	QPSK	1	53	22.55	22.62	22.53		
40	QPSK	1	104	22.53	22.65	22.50		
40	QPSK	50	0	21.24	21.39	21.18	23.0	1.0
40	QPSK	50	28	22.41	22.47	22.27	24.0	0.0
40	QPSK	50	56	21.41	21.46	21.27	23.0	1.0
40	QPSK	100	0	21.43	21.47	21.37		
40	16QAM	1	1	21.07	21.07	21.12	23.0	1.0
40	64QAM	1	1	19.65	19.64	19.62	21.5	2.5
40	256QAM	1	1	18.15	18.26	18.22	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	22.55	22.64	22.55	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	22.55	22.65	22.57	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.66	22.55	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	22.54	22.67	22.55	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	22.53	22.65	22.56	24.0	0.0

n41 Ant0

BW [MHz]	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	22.43	22.59	22.58	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.66	22.62		
100	PI/2 BPSK	1	271	22.46	22.47	22.33		
100	PI/2 BPSK	135	0	22.26	22.39	22.26	23.5	0.5
100	PI/2 BPSK	135	69	22.70	22.69	22.68	24.0	0.0
100	PI/2 BPSK	135	138	22.43	22.50	22.51	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.57	22.48		
100	QPSK	1	1	22.66	22.77	22.55	24.0	0.0
100	QPSK	1	137	22.42	22.62	22.54		
100	QPSK	1	271	22.45	22.46	22.38		
100	QPSK	135	0	22.26	22.39	22.32	23.0	1.0
100	QPSK	135	69	22.48	22.68	22.66	24.0	0.0
100	QPSK	135	138	22.41	22.48	22.44	23.0	1.0
100	QPSK	270	0	22.39	22.46	22.37		
100	16QAM	1	1	22.24	22.31	22.30	23.0	1.0
100	64QAM	1	1	21.24	21.20	21.12	21.5	2.5
100	256QAM	1	1	18.11	18.11	18.10	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	22.44	22.65	22.52	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	22.51	22.62	22.61	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	22.48	22.66	22.56	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	22.48	22.64	22.60	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	22.43	22.64	22.55	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	22.45	22.70	22.55	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	22.48	22.67	22.56	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	22.44	22.66	22.58	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	22.49	22.67	22.54	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	22.52	22.67	22.55	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	22.44	22.62	22.56	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	22.42	22.67	22.58	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	22.49	22.68	22.56	24.0	0.0

n2 Ant1

BW [MHz]	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	15.06	15.17	15.07	16.3	0.0
40	PI/2 BPSK	1	108	15.15	15.15	15.03		
40	PI/2 BPSK	1	214	15.07	15.13	15.08		
40	PI/2 BPSK	108	0	15.16	15.11	15.05	16.3	0.0
40	PI/2 BPSK	108	54	15.07	15.17	15.11	16.3	0.0
40	PI/2 BPSK	108	108	15.12	15.22	15.09	16.3	0.0
40	PI/2 BPSK	216	0	15.09	15.21	15.08		
40	QPSK	1	1	15.17	15.29	15.09	16.3	0.0
40	QPSK	1	108	15.10	15.20	15.12		
40	QPSK	1	214	15.17	15.13	15.12		
40	QPSK	108	0	15.09	15.19	15.06	16.3	0.0
40	QPSK	108	54	15.09	15.21	15.14	16.3	0.0
40	QPSK	108	108	15.17	15.12	15.13	16.3	0.0
40	QPSK	216	0	15.15	15.18	15.04		
40	16QAM	1	1	15.17	15.18	15.04	16.3	0.0
40	64QAM	1	1	15.06	15.20	15.09	16.3	0.0
40	256QAM	1	1	15.14	15.15	15.09	16.3	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	15.16	15.18	15.10	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	15.17	15.20	15.08	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	15.05	15.16	15.17	16.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	15.06	15.23	15.10	16.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.05	15.13	15.09	16.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.04	15.19	15.13	16.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.06	15.18	15.01	16.3	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.68	16.68	16.71	18.1	0.0
50	PI/2 BPSK	1	135	16.77	16.73	16.66		
50	PI/2 BPSK	1	268	16.69	16.72	16.71		
50	PI/2 BPSK	135	0	16.75	16.78	16.68	18.1	0.0
50	PI/2 BPSK	135	68	16.71	16.76	16.71	18.1	0.0
50	PI/2 BPSK	135	135	16.77	16.76	16.70	18.1	0.0
50	PI/2 BPSK	270	0	16.76	16.73	16.68		
50	QPSK	1	1	16.78	16.91	16.64	18.1	0.0
50	QPSK	1	135	16.67	16.70	16.70		
50	QPSK	1	268	16.70	16.82	16.62		
50	QPSK	135	0	16.74	16.73	16.73	18.1	0.0
50	QPSK	135	68	16.74	16.83	16.67	18.1	0.0
50	QPSK	135	135	16.69	16.80	16.74	18.1	0.0
50	QPSK	270	0	16.72	16.76	16.65		
50	16QAM	1	1	16.78	16.71	16.69	18.1	0.0
50	64QAM	1	1	16.75	16.75	16.68	18.1	0.0
50	256QAM	1	1	16.69	16.82	16.63	18.1	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.67	16.70	16.61	18.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.78	16.76	16.73	18.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.73	16.71	16.62	18.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.69	16.79	16.74	18.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.65	16.69	16.71	18.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.70	16.79	16.66	18.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.73	16.71	16.63	18.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.68	16.68	16.61	18.1	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.66	16.76	16.62	18.0	0.0
40	PI/2 BPSK	1	108	16.61	16.78	16.71		
40	PI/2 BPSK	1	214	16.65	16.68	16.60		
40	PI/2 BPSK	108	0	16.56	16.73	16.70	18.0	0.0
40	PI/2 BPSK	108	54	16.61	16.75	16.70	18.0	0.0
40	PI/2 BPSK	108	108	16.61	16.68	16.71	18.0	0.0
40	PI/2 BPSK	216	0	16.70	16.68	16.59		
40	QPSK	1	1	16.56	16.79	16.60	18.0	0.0
40	QPSK	1	108	16.71	16.65	16.68		
40	QPSK	1	214	16.55	16.69	16.60		
40	QPSK	108	0	16.63	16.64	16.72	18.0	0.0
40	QPSK	108	54	16.62	16.76	16.71	18.0	0.0
40	QPSK	108	108	16.56	16.71	16.62	18.0	0.0
40	QPSK	216	0	16.63	16.73	16.72		
40	16QAM	1	1	16.57	16.74	16.65	18.0	0.0
40	64QAM	1	1	16.60	16.68	16.68	18.0	0.0
40	256QAM	1	1	16.70	16.75	16.63	18.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.59	16.69	16.73	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.61	16.78	16.71	18.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.62	16.75	16.59	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.68	16.64	16.61	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.55	16.68	16.72	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.62	16.69	16.59	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.61	16.76	16.66	18.0	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	17.45	17.40	17.40	19.3	0.0
40	PI/2 BPSK	1	53	17.39	17.35	17.49		
40	PI/2 BPSK	1	104	17.40	17.36	17.42		
40	PI/2 BPSK	50	0	17.40	17.43	17.42	19.3	0.0
40	PI/2 BPSK	50	28	17.43	17.43	17.48	19.3	0.0
40	PI/2 BPSK	50	56	17.40	17.38	17.32	19.3	0.0
40	PI/2 BPSK	100	0	17.41	17.33	17.46		
40	QPSK	1	1	17.49	17.49	17.32	19.3	0.0
40	QPSK	1	53	17.48	17.39	17.33		
40	QPSK	1	104	17.31	17.39	17.32		
40	QPSK	50	0	17.42	17.33	17.42	19.3	0.0
40	QPSK	50	28	17.40	17.47	17.41	19.3	0.0
40	QPSK	50	56	17.38	17.46	17.34	19.3	0.0
40	QPSK	100	0	17.34	17.45	17.42		
40	16QAM	1	1	17.31	17.36	17.32	19.3	0.0
40	64QAM	1	1	17.38	17.42	17.42	19.3	0.0
40	256QAM	1	1	17.48	17.41	17.40	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	17.37	17.39	17.33	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	17.32	17.45	17.43	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.47	17.47	17.45	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	17.47	17.42	17.33	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	17.49	17.45	17.32	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	17.88	17.96	17.88	19.3	0.0
100	PI/2 BPSK	1	137	17.76	17.91	17.83		
100	PI/2 BPSK	1	271	17.88	17.91	17.85		
100	PI/2 BPSK	135	0	17.78	17.90	17.86	19.3	0.0
100	PI/2 BPSK	135	69	17.82	18.00	17.93	19.3	0.0
100	PI/2 BPSK	135	138	17.78	17.99	17.98	19.3	0.0
100	PI/2 BPSK	270	0	17.77	17.90	17.93		
100	QPSK	1	1	17.78	18.01	17.87	19.3	0.0
100	QPSK	1	137	17.87	17.93	17.88		
100	QPSK	1	271	17.87	17.98	17.85		
100	QPSK	135	0	17.81	17.97	17.91	19.3	0.0
100	QPSK	135	69	17.81	17.99	17.86	19.3	0.0
100	QPSK	135	138	17.80	17.95	17.92	19.3	0.0
100	QPSK	270	0	17.86	17.89	17.85		
100	16QAM	1	1	17.78	17.89	17.89	19.3	0.0
100	64QAM	1	1	17.89	18.00	17.83	19.3	0.0
100	256QAM	1	1	17.78	17.98	17.93	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	17.85	17.93	17.98	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	17.77	17.93	17.87	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	17.82	18.00	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	17.79	17.99	17.98	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	17.77	17.98	17.88	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	17.88	17.96	17.90	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	17.84	17.95	17.88	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	17.78	18.00	17.94	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	17.77	17.89	17.91	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	17.92	17.98	17.90	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.81	17.97	17.95	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	17.90	17.92	17.94	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	17.78	18.00	17.94	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	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	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.87	23.03	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.82	22.92	22.74		
40	PI/2 BPSK	1	214	22.74	22.83	22.66		
40	PI/2 BPSK	108	0	22.43	22.54	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.89	23.03	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.35	22.29	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.47	22.31		
40	QPSK	1	1	23.11	23.15	23.02	24.0	0.0
40	QPSK	1	108	22.85	22.96	22.83		
40	QPSK	1	214	22.60	22.82	22.80		
40	QPSK	108	0	21.83	22.04	22.05	23.0	1.0
40	QPSK	108	54	22.93	23.08	23.02	24.0	0.0
40	QPSK	108	108	21.76	21.84	21.75	23.0	1.0
40	QPSK	216	0	21.84	21.93	21.89		
40	16QAM	1	1	21.82	21.79	21.63	23.0	1.0
40	64QAM	1	1	20.22	20.32	20.29	21.5	2.5
40	256QAM	1	1	18.89	18.93	18.92	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.93	23.03	22.94	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	22.92	23.05	22.88	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.99	23.04	22.94	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	22.92	22.99	22.91	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.95	23.04	22.89	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	22.98	22.97	22.92	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	19.11	19.30	19.18	20.6	0.0
40	PI/2 BPSK	1	53	19.15	19.21	19.18		
40	PI/2 BPSK	1	104	19.22	19.23	19.19		
40	PI/2 BPSK	50	0	19.13	19.20	19.24	20.6	0.0
40	PI/2 BPSK	50	28	19.17	19.26	19.23	20.6	0.0
40	PI/2 BPSK	50	56	19.25	19.22	19.24	20.6	0.0
40	PI/2 BPSK	100	0	19.27	19.28	19.22		
40	QPSK	1	1	19.24	19.31	19.24	20.6	0.0
40	QPSK	1	53	19.27	19.25	19.27		
40	QPSK	1	104	19.13	19.11	19.21		
40	QPSK	50	0	19.17	19.21	19.23	20.6	0.0
40	QPSK	50	28	19.18	19.28	19.16	20.6	0.0
40	QPSK	50	56	19.26	19.26	19.18	20.6	0.0
40	QPSK	100	0	19.13	19.22	19.11		
40	16QAM	1	1	19.12	19.22	19.26	20.6	0.0
40	64QAM	1	1	19.17	19.26	19.21	20.6	0.0
40	256QAM	1	1	19.18	19.23	19.10	20.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.01	19.10	19.18	20.6	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.12	19.16	19.19	20.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.09	19.18	19.19	20.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.11	19.12	19.20	20.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.14	19.14	19.20	20.6	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.24	19.29	19.27	20.6	0.0
100	PI/2 BPSK	1	137	19.24	19.27	19.26		
100	PI/2 BPSK	1	271	19.30	19.24	19.30		
100	PI/2 BPSK	135	0	19.24	19.26	19.33	20.6	0.0
100	PI/2 BPSK	135	69	19.18	19.33	19.23	20.6	0.0
100	PI/2 BPSK	135	138	19.23	19.28	19.27	20.6	0.0
100	PI/2 BPSK	270	0	19.30	19.29	19.24		
100	QPSK	1	1	19.24	19.34	19.30	20.6	0.0
100	QPSK	1	137	19.20	19.30	19.26		
100	QPSK	1	271	19.21	19.25	19.22		
100	QPSK	135	0	19.29	19.31	19.31	20.6	0.0
100	QPSK	135	69	19.18	19.32	19.24	20.6	0.0
100	QPSK	135	138	19.21	19.23	19.12	20.6	0.0
100	QPSK	270	0	19.30	19.31	19.30		
100	16QAM	1	1	19.17	19.28	19.26	20.6	0.0
100	64QAM	1	1	19.23	19.32	19.32	20.6	0.0
100	256QAM	1	1	19.18	19.25	19.16	20.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.10	19.13	19.20	20.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.20	19.18	19.26	20.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.07	19.27	19.25	20.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.16	19.24	19.11	20.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.18	19.20	19.13	20.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.19	19.20	19.20	20.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.20	19.16	19.11	20.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.18	19.17	19.14	20.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.06	19.23	19.24	20.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.19	19.20	19.23	20.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.17	19.22	19.19	20.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.20	19.16	19.17	20.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.20	19.14	19.12	20.6	0.0

Reduced Power Mode for ECI3_Other PA

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BW [MHz]	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	18.04	18.16	18.06	19.3	0.0
40	PI/2 BPSK	1	53	18.01	18.12	18.08		
40	PI/2 BPSK	1	104	18.07	18.15	18.14		
40	PI/2 BPSK	50	0	18.04	18.11	18.09	19.3	0.0
40	PI/2 BPSK	50	28	18.09	18.16	18.14	19.3	0.0
40	PI/2 BPSK	50	56	18.02	18.20	18.08	19.3	0.0
40	PI/2 BPSK	100	0	18.07	18.13	18.10		
40	QPSK	1	1	17.99	18.21	18.06	19.3	0.0
40	QPSK	1	53	18.09	18.11	18.09		
40	QPSK	1	104	18.01	18.13	18.08		
40	QPSK	50	0	18.07	18.16	18.13	19.3	0.0
40	QPSK	50	28	18.04	18.18	18.07	19.3	0.0
40	QPSK	50	56	18.05	18.14	18.07	19.3	0.0
40	QPSK	100	0	18.04	18.17	18.08		
40	16QAM	1	1	18.06	18.16	18.11	19.3	0.0
40	64QAM	1	1	18.02	18.12	18.17	19.3	0.0
40	256QAM	1	1	17.95	18.06	18.02	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	17.84	18.04	17.91	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	17.89	17.98	17.98	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.87	18.03	17.96	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	17.86	18.07	17.99	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	17.90	17.98	17.93	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	18.16	18.21	18.22	19.3	0.0
100	PI/2 BPSK	1	137	18.18	18.27	18.23		
100	PI/2 BPSK	1	271	18.19	18.18	18.16		
100	PI/2 BPSK	135	0	18.21	18.19	18.24	19.3	0.0
100	PI/2 BPSK	135	69	18.18	18.21	18.17	19.3	0.0
100	PI/2 BPSK	135	138	18.23	18.26	18.22	19.3	0.0
100	PI/2 BPSK	270	0	18.19	18.25	18.15		
100	QPSK	1	1	18.18	18.32	18.17	19.3	0.0
100	QPSK	1	137	18.17	18.16	18.24		
100	QPSK	1	271	18.24	18.15	18.16		
100	QPSK	135	0	18.27	18.23	18.19	19.3	0.0
100	QPSK	135	69	18.25	18.28	18.24	19.3	0.0
100	QPSK	135	138	18.26	18.22	18.16	19.3	0.0
100	QPSK	270	0	18.24	18.26	18.23		
100	16QAM	1	1	18.25	18.24	18.18	19.3	0.0
100	64QAM	1	1	18.24	18.23	18.22	19.3	0.0
100	256QAM	1	1	18.11	18.11	18.10	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	18.11	18.11	18.05	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	18.06	18.08	18.10	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	18.02	18.05	18.02	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	18.00	18.06	18.05	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	18.11	18.04	18.03	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	18.11	18.04	18.07	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	18.02	18.00	18.06	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	18.10	18.12	18.07	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	18.09	18.07	18.06	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	18.04	18.10	18.03	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.02	18.04	17.99	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	18.06	18.02	18.00	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	18.08	18.01	18.09	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.15	16.17	16.09	17.5	0.0
40	PI/2 BPSK	1	108	15.86	16.04	15.91		
40	PI/2 BPSK	1	214	15.94	16.07	15.84		
40	PI/2 BPSK	108	0	16.15	16.12	16.08	17.5	0.0
40	PI/2 BPSK	108	54	15.98	15.99	15.84	17.5	0.0
40	PI/2 BPSK	108	108	15.92	16.07	15.90	17.5	0.0
40	PI/2 BPSK	216	0	16.18	16.12	16.09		
40	QPSK	1	1	16.18	16.21	16.04	17.5	0.0
40	QPSK	1	108	16.02	15.97	15.91		
40	QPSK	1	214	16.13	16.11	16.13		
40	QPSK	108	0	15.96	15.97	15.89	17.5	0.0
40	QPSK	108	54	16.15	16.19	16.14	17.5	0.0
40	QPSK	108	108	16.11	16.12	16.12	17.5	0.0
40	QPSK	216	0	15.90	16.14	15.93		
40	16QAM	1	1	16.18	16.18	16.05	17.5	0.0
40	64QAM	1	1	15.92	15.99	15.90	17.5	0.0
40	256QAM	1	1	16.04	16.03	15.84	17.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.11	16.10	15.95	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.12	16.16	15.93	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.05	16.06	15.92	17.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.09	16.13	15.96	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.12	16.09	16.00	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.06	16.14	15.93	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.04	16.14	15.98	17.5	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.04	18.03	17.92	19.4	0.0
50	PI/2 BPSK	1	135	17.81	17.89	17.71		
50	PI/2 BPSK	1	268	17.69	17.89	17.84		
50	PI/2 BPSK	135	0	17.98	18.05	17.94	19.4	0.0
50	PI/2 BPSK	135	68	17.87	17.94	17.66	19.4	0.0
50	PI/2 BPSK	135	135	17.70	17.78	17.82	19.4	0.0
50	PI/2 BPSK	270	0	17.95	18.06	18.01		
50	QPSK	1	1	17.88	18.09	17.76	19.4	0.0
50	QPSK	1	135	17.68	17.81	17.84		
50	QPSK	1	268	18.05	18.07	17.95		
50	QPSK	135	0	17.91	17.90	17.75	19.4	0.0
50	QPSK	135	68	17.75	18.08	17.82	19.4	0.0
50	QPSK	135	135	18.01	18.00	17.97	19.4	0.0
50	QPSK	270	0	17.85	17.98	17.68		
50	16QAM	1	1	17.77	17.79	17.87	19.4	0.0
50	64QAM	1	1	17.73	17.89	17.78	19.4	0.0
50	256QAM	1	1	17.89	17.88	17.74	19.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.76	17.99	17.69	19.4	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.83	18.01	17.65	19.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.81	17.93	17.71	19.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.73	18.01	17.62	19.4	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	17.99	17.64	19.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.73	17.93	17.62	19.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.78	17.97	17.67	19.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.76	18.02	17.67	19.4	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.28	18.37	18.30	19.7	0.0
40	PI/2 BPSK	1	108	18.27	18.35	18.28		
40	PI/2 BPSK	1	214	18.31	18.32	18.13		
40	PI/2 BPSK	108	0	18.38	18.43	18.40	19.7	0.0
40	PI/2 BPSK	108	54	18.17	18.28	18.28	19.7	0.0
40	PI/2 BPSK	108	108	18.32	18.21	18.15	19.7	0.0
40	PI/2 BPSK	216	0	18.35	18.36	18.34		
40	QPSK	1	1	18.26	18.45	18.31	19.7	0.0
40	QPSK	1	108	18.25	18.23	18.08		
40	QPSK	1	214	18.37	18.39	18.30		
40	QPSK	108	0	18.23	18.30	18.21	19.7	0.0
40	QPSK	108	54	18.22	18.43	18.08	19.7	0.0
40	QPSK	108	108	18.36	18.33	18.33	19.7	0.0
40	QPSK	216	0	18.26	18.35	18.30		
40	16QAM	1	1	18.27	18.23	18.11	19.7	0.0
40	64QAM	1	1	18.22	18.27	18.16	19.7	0.0
40	256QAM	1	1	17.85	18.01	17.84	19.2	0.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.15	18.38	18.16	19.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.16	18.34	18.16	19.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.13	18.29	18.26	19.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.14	18.38	18.16	19.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.19	18.31	18.21	19.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.19	18.34	18.23	19.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.18	18.33	18.16	19.7	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	17.89	18.11	17.99	19.5	0.0
40	PI/2 BPSK	1	53	17.67	17.81	17.92		
40	PI/2 BPSK	1	104	17.62	17.77	17.59		
40	PI/2 BPSK	50	0	17.89	18.07	18.01	19.5	0.0
40	PI/2 BPSK	50	28	17.68	17.82	17.91	19.5	0.0
40	PI/2 BPSK	50	56	17.59	17.70	17.51	19.5	0.0
40	PI/2 BPSK	100	0	17.95	18.04	17.96		
40	QPSK	1	1	17.57	18.13	17.93	19.5	0.0
40	QPSK	1	53	17.65	17.78	17.54		
40	QPSK	1	104	18.00	18.06	17.93		
40	QPSK	50	0	17.59	17.81	17.83	19.5	0.0
40	QPSK	50	28	17.69	17.94	17.57	19.5	0.0
40	QPSK	50	56	17.90	17.74	17.90	19.5	0.0
40	QPSK	100	0	17.62	17.89	17.79		
40	16QAM	1	1	17.66	17.71	17.59	19.5	0.0
40	64QAM	1	1	17.65	17.89	17.91	19.5	0.0
40	256QAM	1	1	17.63	17.90	17.85	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.74	18.01	17.85	19.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.79	17.97	17.85	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.73	18.02	17.84	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.78	17.99	17.79	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.70	18.00	17.86	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.36	18.41	18.43	19.5	0.0
100	PI/2 BPSK	1	137	18.19	18.32	18.23		
100	PI/2 BPSK	1	271	18.12	18.31	18.09		
100	PI/2 BPSK	135	0	18.38	18.43	18.39	19.5	0.0
100	PI/2 BPSK	135	69	18.23	18.37	18.19	19.5	0.0
100	PI/2 BPSK	135	138	18.16	18.25	18.11	19.5	0.0
100	PI/2 BPSK	270	0	18.30	18.35	18.40		
100	QPSK	1	1	18.24	18.42	18.17	19.5	0.0
100	QPSK	1	137	18.14	18.28	18.09		
100	QPSK	1	271	18.29	18.40	18.40		
100	QPSK	135	0	18.20	18.40	18.18	19.5	0.0
100	QPSK	135	69	18.19	18.46	18.05	19.5	0.0
100	QPSK	135	138	18.33	18.40	18.38	19.5	0.0
100	QPSK	270	0	18.18	18.37	18.16		
100	16QAM	1	1	18.30	18.36	18.41	19.5	0.0
100	64QAM	1	1	18.26	18.38	18.15	19.5	0.0
100	256QAM	1	1	18.20	18.28	18.06	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.20	18.33	18.06	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.08	18.36	18.11	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.17	18.35	18.04	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.14	18.38	18.01	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.12	18.37	18.11	19.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.16	18.33	18.05	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.19	18.33	18.11	19.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.08	18.31	18.10	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.09	18.31	18.07	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.16	18.31	18.10	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.09	18.36	18.11	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.11	18.33	18.06	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.09	18.34	18.05	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.72	22.88	22.79	24.0	0.0
40	PI/2 BPSK	1	108	22.64	22.87	22.90		
40	PI/2 BPSK	1	214	22.81	22.82	22.67		
40	PI/2 BPSK	108	0	22.39	22.49	22.36	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.97	22.92	24.0	0.0
40	PI/2 BPSK	108	108	22.46	22.50	22.32	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.52	22.55		
40	QPSK	1	1	22.95	22.98	22.87	24.0	0.0
40	QPSK	1	108	22.70	22.92	22.73		
40	QPSK	1	214	22.72	22.93	22.82		
40	QPSK	108	0	21.92	21.95	21.80	23.0	1.0
40	QPSK	108	54	22.81	22.93	22.74	24.0	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.0	1.0
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.0	1.0
40	64QAM	1	1	20.13	20.22	20.07	21.5	2.5
40	256QAM	1	1	18.60	18.73	18.65	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	22.89	22.86	22.84	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.85	22.92	22.81	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.84	22.90	22.80	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.85	22.88	22.82	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.82	22.89	22.83	19.0	2.5
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.85	22.81	19.0	2.5

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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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.65	22.78	22.70	24.0	0.0
50	PI/2 BPSK	1	135	23.05	23.03	22.91		
50	PI/2 BPSK	1	268	22.71	22.82	22.83		
50	PI/2 BPSK	135	0	22.48	22.47	22.48	23.5	0.5
50	PI/2 BPSK	135	68	23.01	23.02	22.99	24.0	0.0
50	PI/2 BPSK	135	135	22.50	22.49	22.28	23.5	0.5
50	PI/2 BPSK	270	0	22.41	22.55	22.46		
50	QPSK	1	1	23.04	23.08	23.01	24.0	0.0
50	QPSK	1	135	22.95	23.03	22.94		
50	QPSK	1	268	22.73	22.85	22.68		
50	QPSK	135	0	21.98	22.03	22.04	23.0	1.0
50	QPSK	135	68	22.81	23.03	22.89	24.0	0.0
50	QPSK	135	135	21.94	21.99	21.77	23.0	1.0
50	QPSK	270	0	22.04	22.06	21.96		
50	16QAM	1	1	21.67	21.61	21.47	23.0	1.0
50	64QAM	1	1	20.07	20.18	20.17	21.5	2.5
50	256QAM	1	1	18.75	18.69	18.66	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.95	23.01	22.97	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3517.5	3535	3552.5		
35	QPSK	1	1	22.97	23.01	22.91	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	22.98	22.94	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	23.01	22.98	22.91	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	22.92	22.98	22.98	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	22.96	23.04	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.02	22.91	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	22.91	22.95	22.97	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.11	22.17	22.02	23.2	0.0
40	PI/2 BPSK	1	108	21.87	21.91	21.78		
40	PI/2 BPSK	1	214	21.61	21.85	21.76		
40	PI/2 BPSK	108	0	22.10	22.11	21.97	23.2	0.0
40	PI/2 BPSK	108	54	21.84	21.98	21.79	23.2	0.0
40	PI/2 BPSK	108	108	21.56	21.84	21.76	23.2	0.0
40	PI/2 BPSK	216	0	22.13	22.19	21.98		
40	QPSK	1	1	21.80	22.21	21.85	23.2	0.0
40	QPSK	1	108	21.61	21.86	21.81		
40	QPSK	1	214	22.05	22.14	21.99		
40	QPSK	108	0	21.88	21.93	21.79	23.2	0.0
40	QPSK	108	54	21.64	22.12	21.80	23.2	0.0
40	QPSK	108	108	22.07	22.01	22.03	23.2	0.0
40	QPSK	216	0	21.86	21.99	21.84		
40	16QAM	1	1	21.61	21.80	21.84	23.2	0.0
40	64QAM	1	1	20.22	20.32	20.29	21.7	1.5
40	256QAM	1	1	18.89	18.93	18.92	19.7	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.69	22.09	21.76	23.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.67	22.11	21.70	23.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.71	22.17	21.71	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.64	22.07	21.69	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.69	22.15	21.70	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.71	22.12	21.77	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.69	22.16	21.78	23.2	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	22.87	22.93	22.91	24.0	0.0
40	PI/2 BPSK	1	53	23.03	23.10	23.09		
40	PI/2 BPSK	1	104	23.02	23.08	23.10		
40	PI/2 BPSK	50	0	22.48	22.50	22.36	23.5	0.5
40	PI/2 BPSK	50	28	23.03	23.07	22.97	24.0	0.0
40	PI/2 BPSK	50	56	22.55	22.66	22.45	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.58	22.37		
40	QPSK	1	1	22.93	23.12	22.89	24.0	0.0
40	QPSK	1	53	22.93	23.06	22.91		
40	QPSK	1	104	22.90	23.09	23.07		
40	QPSK	50	0	21.98	21.99	21.77	23.0	1.0
40	QPSK	50	28	22.92	23.08	23.06	24.0	0.0
40	QPSK	50	56	21.84	22.04	21.92	23.0	1.0
40	QPSK	100	0	21.83	22.02	21.92		
40	16QAM	1	1	21.53	21.62	21.68	23.0	1.0
40	64QAM	1	1	20.15	20.18	20.21	21.5	2.5
40	256QAM	1	1	18.68	18.79	18.82	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	23.00	23.03	22.97	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	22.91	22.98	22.93	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	22.98	22.94	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	22.94	22.97	22.97	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	23.00	23.04	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.12	24.0	0.0
100	PI/2 BPSK	1	137	22.92	23.12	23.15		
100	PI/2 BPSK	1	271	23.00	23.08	22.90		
100	PI/2 BPSK	135	0	22.89	22.90	22.80	23.5	0.5
100	PI/2 BPSK	135	69	22.94	23.13	23.10	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.11	23.13	23.5	0.5
100	PI/2 BPSK	270	0	23.09	23.08	23.08		
100	QPSK	1	1	23.09	23.18	23.12	24.0	0.0
100	QPSK	1	137	23.11	23.09	23.00		
100	QPSK	1	271	22.82	23.03	22.85		
100	QPSK	135	0	22.90	22.91	22.79	23.0	1.0
100	QPSK	135	69	23.11	23.15	22.97	24.0	0.0
100	QPSK	135	138	22.01	22.14	22.07	23.0	1.0
100	QPSK	270	0	22.19	22.21	22.17		
100	16QAM	1	1	22.88	22.81	22.75	23.0	1.0
100	64QAM	1	1	20.64	20.73	20.61	21.5	2.5
100	256QAM	1	1	18.70	18.64	18.47	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	22.97	23.05	22.89	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	23.00	23.00	22.96	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	22.91	22.98	22.95	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	22.91	23.04	22.90	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	22.94	22.99	22.93	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	22.91	22.96	22.96	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	22.99	23.03	22.97	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	22.98	23.00	22.95	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	22.92	23.02	22.91	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	22.92	23.00	22.90	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	22.98	23.03	22.96	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	22.92	22.98	22.97	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	23.00	23.02	22.91	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	18.07	18.17	18.13	19.3	0.0
40	PI/2 BPSK	1	53	17.98	18.07	18.09		
40	PI/2 BPSK	1	104	18.09	18.18	18.11		
40	PI/2 BPSK	50	0	18.03	18.19	18.19	19.3	0.0
40	PI/2 BPSK	50	28	18.02	18.14	18.11	19.3	0.0
40	PI/2 BPSK	50	56	18.09	18.14	18.06	19.3	0.0
40	PI/2 BPSK	100	0	18.15	18.13	18.17		
40	QPSK	1	1	17.97	18.21	18.10	19.3	0.0
40	QPSK	1	53	18.00	18.13	18.01		
40	QPSK	1	104	18.06	18.17	18.14		
40	QPSK	50	0	17.97	18.07	18.15	19.3	0.0
40	QPSK	50	28	18.02	18.18	18.02	19.3	0.0
40	QPSK	50	56	18.04	18.08	18.09	19.3	0.0
40	QPSK	100	0	18.04	18.09	18.06		
40	16QAM	1	1	18.10	18.17	18.12	19.3	0.0
40	64QAM	1	1	18.00	18.08	18.08	19.3	0.0
40	256QAM	1	1	18.07	18.16	18.05	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	17.90	18.16	18.04	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	17.82	18.12	18.03	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.93	18.09	17.96	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	17.82	18.13	18.01	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	17.84	18.06	17.97	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	18.17	18.16	18.19	19.3	0.0
100	PI/2 BPSK	1	137	17.90	18.16	18.08		
100	PI/2 BPSK	1	271	17.87	18.07	18.01		
100	PI/2 BPSK	135	0	18.10	18.18	18.17	19.3	0.0
100	PI/2 BPSK	135	69	17.91	18.20	18.11	19.3	0.0
100	PI/2 BPSK	135	138	17.89	18.00	18.01	19.3	0.0
100	PI/2 BPSK	270	0	18.10	18.17	18.24		
100	QPSK	1	1	17.95	18.26	18.08	19.3	0.0
100	QPSK	1	137	17.87	18.10	18.04		
100	QPSK	1	271	18.18	18.17	18.17		
100	QPSK	135	0	17.91	18.16	18.13	19.3	0.0
100	QPSK	135	69	17.85	18.24	17.99	19.3	0.0
100	QPSK	135	138	18.13	18.12	18.20	19.3	0.0
100	QPSK	270	0	17.90	18.12	18.10		
100	16QAM	1	1	18.13	18.19	18.19	19.3	0.0
100	64QAM	1	1	17.91	18.14	18.10	19.3	0.0
100	256QAM	1	1	17.80	18.06	18.04	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	17.84	18.13	17.94	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	17.82	18.19	17.99	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	17.79	18.16	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	17.89	18.10	17.98	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	17.81	18.22	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	17.89	18.16	17.93	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	17.81	18.20	18.01	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	17.86	18.12	17.95	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	17.79	18.15	17.97	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	17.89	18.19	18.02	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.84	18.13	17.97	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	17.81	18.18	18.02	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	17.86	18.12	18.01	19.3	0.0

Reduced Power Mode for ECI6_Other PA

n38 Ant0

BW [MHz]	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	21.18	21.20	21.14	22.8	0.0
40	PI/2 BPSK	1	53	21.02	21.06	21.03		
40	PI/2 BPSK	1	104	21.02	21.17	21.04		
40	PI/2 BPSK	50	0	21.17	21.20	21.08	22.8	0.0
40	PI/2 BPSK	50	28	21.08	21.07	21.00	22.8	0.0
40	PI/2 BPSK	50	56	21.02	21.17	20.95	22.8	0.0
40	PI/2 BPSK	100	0	21.17	21.24	21.08		
40	QPSK	1	1	21.05	21.25	21.07	22.8	0.0
40	QPSK	1	53	21.02	21.20	20.97		
40	QPSK	1	104	21.19	21.20	21.11		
40	QPSK	50	0	21.07	21.10	20.99	22.8	0.0
40	QPSK	50	28	21.01	21.16	20.96	22.8	0.0
40	QPSK	50	56	21.12	21.14	21.08	22.8	0.0
40	QPSK	100	0	21.07	21.13	21.02		
40	16QAM	1	1	21.02	21.12	20.98	22.8	0.0
40	64QAM	1	1	19.95	19.94	19.96	21.8	1.0
40	256QAM	1	1	18.15	18.26	18.22	19.8	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.00	21.18	20.96	22.8	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.90	21.20	20.98	22.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.96	21.12	21.00	22.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.99	21.15	21.02	22.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.96	21.20	20.99	22.8	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.19	21.28	21.11	22.8	0.0
100	PI/2 BPSK	1	137	20.87	21.17	21.06		
100	PI/2 BPSK	1	271	20.94	20.94	20.90		
100	PI/2 BPSK	135	0	21.16	21.25	21.01	22.8	0.0
100	PI/2 BPSK	135	69	20.87	21.17	21.02	22.8	0.0
100	PI/2 BPSK	135	138	20.96	20.91	20.90	22.8	0.0
100	PI/2 BPSK	270	0	21.12	21.23	21.09		
100	QPSK	1	1	20.93	21.40	21.09	22.8	0.0
100	QPSK	1	137	20.99	20.92	20.93		
100	QPSK	1	271	21.19	21.30	21.06		
100	QPSK	135	0	20.93	21.10	21.09	22.8	0.0
100	QPSK	135	69	20.98	21.17	20.91	22.8	0.0
100	QPSK	135	138	21.14	21.09	21.01	22.8	0.0
100	QPSK	270	0	20.89	21.16	21.01		
100	16QAM	1	1	20.96	20.93	20.84	22.8	0.0
100	64QAM	1	1	21.24	21.20	21.12	21.8	1.0
100	256QAM	1	1	18.11	18.11	18.10	19.8	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.82	21.32	20.99	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.84	21.35	20.96	22.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.85	21.36	21.05	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.88	21.33	20.97	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.86	21.34	21.01	22.8	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.88	21.31	21.04	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.98	21.31	21.01	22.8	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.85	21.33	20.94	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.85	21.35	20.99	22.8	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.89	21.32	20.96	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.80	21.27	21.03	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.80	21.24	21.05	22.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.80	21.26	20.95	22.8	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.57	18.68	18.61	19.7	0.0
40	PI/2 BPSK	1	108	18.36	18.52	18.45		
40	PI/2 BPSK	1	214	18.52	18.56	18.36		
40	PI/2 BPSK	108	0	18.62	18.71	18.59	19.7	0.0
40	PI/2 BPSK	108	54	18.43	18.48	18.40	19.7	0.0
40	PI/2 BPSK	108	108	18.51	18.55	18.39	19.7	0.0
40	PI/2 BPSK	216	0	18.68	18.66	18.55		
40	QPSK	1	1	18.44	18.75	18.45	19.7	0.0
40	QPSK	1	108	18.52	18.50	18.35		
40	QPSK	1	214	18.65	18.71	18.60		
40	QPSK	108	0	18.41	18.49	18.36	19.7	0.0
40	QPSK	108	54	18.47	18.68	18.30	19.7	0.0
40	QPSK	108	108	18.67	18.67	18.58	19.7	0.0
40	QPSK	216	0	18.56	18.71	18.57		
40	16QAM	1	1	18.38	18.45	18.43	19.7	0.0
40	64QAM	1	1	18.44	18.59	18.40	19.7	0.0
40	256QAM	1	1	17.78	17.89	17.84	18.7	1.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.32	18.63	18.35	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.38	18.66	18.40	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.30	18.61	18.33	19.7	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.30	18.70	18.30	19.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.38	18.69	18.33	19.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.34	18.71	18.30	19.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.36	18.66	18.31	19.7	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.69	20.75	20.65	21.9	0.0
50	PI/2 BPSK	1	135	20.51	20.66	20.39		
50	PI/2 BPSK	1	268	20.43	20.58	20.53		
50	PI/2 BPSK	135	0	20.69	20.71	20.65	21.9	0.0
50	PI/2 BPSK	135	68	20.57	20.66	20.39	21.9	0.0
50	PI/2 BPSK	135	135	20.48	20.53	20.49	21.9	0.0
50	PI/2 BPSK	270	0	20.75	20.78	20.71		
50	QPSK	1	1	20.53	20.79	20.40	21.9	0.0
50	QPSK	1	135	20.47	20.53	20.47		
50	QPSK	1	268	20.65	20.75	20.71		
50	QPSK	135	0	20.59	20.60	20.40	21.9	0.0
50	QPSK	135	68	20.42	20.78	20.54	21.9	0.0
50	QPSK	135	135	20.64	20.77	20.67	21.9	0.0
50	QPSK	270	0	20.51	20.66	20.43		
50	16QAM	1	1	20.44	20.53	20.48	21.9	0.0
50	64QAM	1	1	19.25	19.32	19.15	20.9	1.0
50	256QAM	1	1	17.89	17.88	17.74	18.9	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.43	20.71	20.35	21.9	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.44	20.70	20.26	21.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.47	20.74	20.27	21.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.43	20.64	20.34	21.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.38	20.70	20.27	21.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.46	20.70	20.27	21.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.41	20.71	20.30	21.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.44	20.75	20.35	21.9	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.17	21.20	21.13	22.5	0.0
40	PI/2 BPSK	1	108	21.08	21.12	21.03		
40	PI/2 BPSK	1	214	21.04	21.06	20.92		
40	PI/2 BPSK	108	0	21.10	21.16	21.14	22.5	0.0
40	PI/2 BPSK	108	54	20.97	21.07	21.10	22.5	0.0
40	PI/2 BPSK	108	108	21.08	21.07	20.94	22.5	0.0
40	PI/2 BPSK	216	0	21.18	21.25	21.16		
40	QPSK	1	1	21.02	21.31	21.02	22.5	0.0
40	QPSK	1	108	21.03	21.01	20.95		
40	QPSK	1	214	21.11	21.23	21.12		
40	QPSK	108	0	21.05	21.13	21.02	22.5	0.0
40	QPSK	108	54	21.02	21.25	20.87	22.5	0.0
40	QPSK	108	108	21.14	21.24	21.18	22.5	0.0
40	QPSK	216	0	20.97	21.13	21.05		
40	16QAM	1	1	21.13	21.00	20.96	22.5	0.0
40	64QAM	1	1	19.46	19.44	19.51	21.0	1.5
40	256QAM	1	1	17.85	18.01	17.84	19.0	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.98	21.25	20.87	22.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.95	21.17	20.90	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.96	21.27	20.93	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.91	21.16	20.93	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.97	21.25	20.88	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.91	21.19	20.89	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.91	21.24	20.95	22.5	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	20.85	20.96	20.93	22.7	0.0
40	PI/2 BPSK	1	53	20.88	20.76	20.74		
40	PI/2 BPSK	1	104	20.89	20.82	20.90		
40	PI/2 BPSK	50	0	20.80	20.95	20.90	22.7	0.0
40	PI/2 BPSK	50	28	20.96	20.73	20.81	22.7	0.0
40	PI/2 BPSK	50	56	20.83	20.86	20.80	22.7	0.0
40	PI/2 BPSK	100	0	20.90	20.96	20.85		
40	QPSK	1	1	20.97	21.03	20.83	22.7	0.0
40	QPSK	1	53	20.89	20.95	20.88		
40	QPSK	1	104	20.84	21.00	20.86		
40	QPSK	50	0	20.91	20.73	20.74	22.7	0.0
40	QPSK	50	28	20.84	20.96	20.82	22.7	0.0
40	QPSK	50	56	20.89	20.95	20.83	22.7	0.0
40	QPSK	100	0	20.73	20.74	20.72		
40	16QAM	1	1	20.78	20.86	20.71	22.7	0.0
40	64QAM	1	1	20.50	20.45	20.50	22.2	0.5
40	256QAM	1	1	18.42	18.43	18.49	20.2	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.72	20.90	20.76	22.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.77	20.89	20.74	22.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.73	20.92	20.77	22.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.71	20.94	20.79	22.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.74	20.96	20.78	22.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.39	21.47	21.46	22.7	0.0
100	PI/2 BPSK	1	137	21.27	21.36	21.23		
100	PI/2 BPSK	1	271	21.17	21.26	21.11		
100	PI/2 BPSK	135	0	21.31	21.49	21.45	22.7	0.0
100	PI/2 BPSK	135	69	21.27	21.42	21.20	22.7	0.0
100	PI/2 BPSK	135	138	21.19	21.21	21.09	22.7	0.0
100	PI/2 BPSK	270	0	21.30	21.50	21.36		
100	QPSK	1	1	21.28	21.53	21.20	22.7	0.0
100	QPSK	1	137	21.14	21.26	21.04		
100	QPSK	1	271	21.38	21.44	21.36		
100	QPSK	135	0	21.19	21.42	21.21	22.7	0.0
100	QPSK	135	69	21.16	21.47	21.01	22.7	0.0
100	QPSK	135	138	21.33	21.44	21.46	22.7	0.0
100	QPSK	270	0	21.23	21.34	21.20		
100	16QAM	1	1	21.16	21.27	21.11	22.7	0.0
100	64QAM	1	1	20.77	20.92	20.89	22.2	0.5
100	256QAM	1	1	18.97	18.99	18.95	20.2	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.24	21.46	21.11	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.23	21.46	21.14	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.22	21.41	21.14	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.39	21.06	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.12	21.43	21.04	22.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.15	21.43	21.08	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.16	21.42	21.16	22.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.17	21.42	21.09	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.20	21.48	21.10	22.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.21	21.43	21.13	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.23	21.39	21.08	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.15	21.39	21.10	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.17	21.42	21.11	22.7	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.40	22.46	22.32	23.8	0.0
40	PI/2 BPSK	1	108	22.18	22.43	22.25		
40	PI/2 BPSK	1	214	22.22	22.41	22.36		
40	PI/2 BPSK	108	0	22.49	22.53	22.37	23.8	0.0
40	PI/2 BPSK	108	54	22.24	22.41	22.25	23.8	0.0
40	PI/2 BPSK	108	108	22.17	22.46	22.32	23.8	0.0
40	PI/2 BPSK	216	0	22.49	22.44	22.35		
40	QPSK	1	1	22.24	22.54	22.19	23.8	0.0
40	QPSK	1	108	22.26	22.42	22.32		
40	QPSK	1	214	22.49	22.42	22.32		
40	QPSK	108	0	22.15	22.42	22.25	23.3	0.5
40	QPSK	108	54	22.16	22.43	22.29	23.8	0.0
40	QPSK	108	108	21.86	21.96	21.80	23.3	0.5
40	QPSK	216	0	21.95	21.98	21.85		
40	16QAM	1	1	21.66	21.64	21.60	23.3	0.5
40	64QAM	1	1	20.13	20.22	20.07	21.8	2.0
40	256QAM	1	1	18.60	18.73	18.65	19.8	4.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.19	22.45	22.13	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.19	22.40	22.14	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.16	22.40	22.08	23.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.13	22.38	22.08	23.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.17	22.49	22.08	23.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.14	22.48	22.09	19.8	2.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.11	22.45	22.06	19.8	2.0

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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	21.54	21.60	21.51	22.7	0.0
50	PI/2 BPSK	1	135	21.48	21.53	21.41		
50	PI/2 BPSK	1	268	21.23	21.32	21.13		
50	PI/2 BPSK	135	0	21.49	21.60	21.47	22.7	0.0
50	PI/2 BPSK	135	68	21.44	21.54	21.50	22.7	0.0
50	PI/2 BPSK	135	135	21.19	21.40	21.18	22.7	0.0
50	PI/2 BPSK	270	0	21.56	21.56	21.46		
50	QPSK	1	1	21.44	21.61	21.42	22.7	0.0
50	QPSK	1	135	21.20	21.37	21.23		
50	QPSK	1	268	21.52	21.58	21.53		
50	QPSK	135	0	21.45	21.51	21.50	22.7	0.0
50	QPSK	135	68	21.22	21.57	21.23	22.7	0.0
50	QPSK	135	135	21.40	21.50	21.47	22.7	0.0
50	QPSK	270	0	21.47	21.48	21.38		
50	16QAM	1	1	21.20	21.32	21.16	22.7	0.0
50	64QAM	1	1	20.07	20.18	20.17	21.7	1.0
50	256QAM	1	1	18.75	18.69	18.66	19.7	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.38	21.55	21.30	22.7	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.36	21.56	21.29	22.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.36	21.54	21.32	22.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.34	21.49	21.28	22.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.32	21.54	21.34	22.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.29	21.52	21.37	22.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.31	21.55	21.30	22.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.32	21.50	21.37	22.7	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.08	22.16	21.98	23.8	0.0
40	PI/2 BPSK	1	108	21.82	21.94	21.88		
40	PI/2 BPSK	1	214	21.95	21.99	21.96		
40	PI/2 BPSK	108	0	22.14	22.10	22.05	23.8	0.0
40	PI/2 BPSK	108	54	21.85	21.99	21.81	23.8	0.0
40	PI/2 BPSK	108	108	21.90	21.97	21.85	23.8	0.0
40	PI/2 BPSK	216	0	22.12	22.11	21.99		
40	QPSK	1	1	21.89	22.18	21.81	23.8	0.0
40	QPSK	1	108	22.08	21.85	21.82		
40	QPSK	1	214	22.09	22.15	22.05		
40	QPSK	108	0	21.84	21.97	21.85	23.8	0.0
40	QPSK	108	54	22.07	22.14	22.01	23.8	0.0
40	QPSK	108	108	22.13	22.11	22.07	23.8	0.0
40	QPSK	216	0	21.82	21.98	21.87		
40	16QAM	1	1	21.86	21.91	21.94	23.8	0.0
40	64QAM	1	1	20.74	20.32	20.62	22.3	1.5
40	256QAM	1	1	18.89	18.93	18.92	20.3	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.79	22.06	21.71	23.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.03	21.96	23.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.81	22.09	21.92	23.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.97	22.04	21.96	23.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.81	22.12	21.96	23.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.84	22.07	21.87	23.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.97	22.06	21.94	23.8	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.42	20.58	20.40	22.2	0.0
40	PI/2 BPSK	1	53	20.37	20.56	20.41		
40	PI/2 BPSK	1	104	20.44	20.54	20.57		
40	PI/2 BPSK	50	0	20.40	20.58	20.37	22.2	0.0
40	PI/2 BPSK	50	28	20.39	20.60	20.37	22.2	0.0
40	PI/2 BPSK	50	56	20.37	20.62	20.61	22.2	0.0
40	PI/2 BPSK	100	0	20.45	20.57	20.38		
40	QPSK	1	1	20.38	20.64	20.45	22.2	0.0
40	QPSK	1	53	20.39	20.63	20.55		
40	QPSK	1	104	20.43	20.60	20.35		
40	QPSK	50	0	20.41	20.53	20.40	22.2	0.0
40	QPSK	50	28	20.36	20.58	20.56	22.2	0.0
40	QPSK	50	56	20.44	20.56	20.41	22.2	0.0
40	QPSK	100	0	20.45	20.61	20.47		
40	16QAM	1	1	20.36	20.54	20.56	22.2	0.0
40	64QAM	1	1	20.35	20.41	20.36	22.2	0.0
40	256QAM	1	1	18.68	18.79	18.82	20.2	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.24	20.49	20.34	22.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.24	20.50	20.38	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.31	20.51	20.36	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.23	20.60	20.35	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.31	20.56	20.36	22.2	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	20.58	20.69	20.60	22.2	0.0
100	PI/2 BPSK	1	137	20.57	20.59	20.48		
100	PI/2 BPSK	1	271	20.37	20.57	20.36		
100	PI/2 BPSK	135	0	20.64	20.73	20.67	22.2	0.0
100	PI/2 BPSK	135	69	20.58	20.62	20.50	22.2	0.0
100	PI/2 BPSK	135	138	20.33	20.50	20.39	22.2	0.0
100	PI/2 BPSK	270	0	20.53	20.73	20.62		
100	QPSK	1	1	20.56	20.77	20.45	22.2	0.0
100	QPSK	1	137	20.29	20.54	20.40		
100	QPSK	1	271	20.65	20.60	20.60		
100	QPSK	135	0	20.57	20.63	20.47	22.2	0.0
100	QPSK	135	69	20.36	20.65	20.34	22.2	0.0
100	QPSK	135	138	20.60	20.62	20.62	22.2	0.0
100	QPSK	270	0	20.60	20.63	20.53		
100	16QAM	1	1	20.35	20.53	20.40	22.2	0.0
100	64QAM	1	1	20.64	20.73	20.61	22.2	0.0
100	256QAM	1	1	18.70	18.64	18.47	20.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.40	20.64	20.41	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.40	20.68	20.32	22.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.48	20.70	20.35	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.50	20.67	20.39	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.47	20.66	20.40	22.2	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.48	20.70	20.37	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.40	20.66	20.39	22.2	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.44	20.71	20.34	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.47	20.67	20.32	22.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.43	20.61	20.38	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.51	20.62	20.33	22.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.41	20.66	20.33	22.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.46	20.62	20.30	22.2	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	18.06	18.21	18.18	19.5	0.0
40	PI/2 BPSK	1	53	18.06	18.14	18.15		
40	PI/2 BPSK	1	104	18.10	18.11	18.05		
40	PI/2 BPSK	50	0	18.11	18.16	18.18	19.5	0.0
40	PI/2 BPSK	50	28	18.08	18.09	18.16	19.5	0.0
40	PI/2 BPSK	50	56	18.04	18.16	18.11	19.5	0.0
40	PI/2 BPSK	100	0	18.12	18.23	18.09		
40	QPSK	1	1	17.97	18.26	18.13	19.5	0.0
40	QPSK	1	53	18.05	18.13	18.07		
40	QPSK	1	104	18.07	18.24	18.09		
40	QPSK	50	0	18.01	18.09	18.11	19.5	0.0
40	QPSK	50	28	18.07	18.23	18.01	19.5	0.0
40	QPSK	50	56	18.14	18.18	18.20	19.5	0.0
40	QPSK	100	0	18.05	18.12	18.11		
40	16QAM	1	1	18.08	18.17	18.16	19.5	0.0
40	64QAM	1	1	18.01	18.10	18.10	19.5	0.0
40	256QAM	1	1	17.99	18.11	18.05	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.86	18.11	17.97	19.5	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	18.10	18.02	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.87	18.16	18.08	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.90	18.17	17.98	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.88	18.21	17.99	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.11	18.16	18.22	19.5	0.0
100	PI/2 BPSK	1	137	17.99	18.19	18.06		
100	PI/2 BPSK	1	271	17.88	18.11	18.03		
100	PI/2 BPSK	135	0	18.09	18.19	18.15	19.5	0.0
100	PI/2 BPSK	135	69	17.93	18.16	18.02	19.5	0.0
100	PI/2 BPSK	135	138	17.86	18.08	18.04	19.5	0.0
100	PI/2 BPSK	270	0	18.12	18.25	18.19		
100	QPSK	1	1	17.99	18.34	18.07	19.5	0.0
100	QPSK	1	137	17.85	18.01	18.06		
100	QPSK	1	271	18.15	18.26	18.19		
100	QPSK	135	0	17.98	18.14	18.03	19.5	0.0
100	QPSK	135	69	17.89	18.29	17.97	19.5	0.0
100	QPSK	135	138	18.12	18.24	18.21	19.5	0.0
100	QPSK	270	0	17.91	18.18	18.10		
100	16QAM	1	1	18.16	18.18	18.25	19.5	0.0
100	64QAM	1	1	17.87	18.20	18.05	19.5	0.0
100	256QAM	1	1	17.89	18.05	17.95	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.90	18.21	17.97	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.95	18.21	18.00	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.90	18.26	18.02	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.86	18.20	17.98	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.89	18.22	18.02	19.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.91	18.19	17.95	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.86	18.22	17.94	19.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.94	18.23	17.95	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.88	18.23	18.02	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.84	18.21	17.96	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.84	18.21	17.95	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.86	18.29	17.93	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.88	18.21	17.92	19.5	0.0

Reduced Power Mode for ECI7_Other PA

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BW [MHz]	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	18.12	18.21	18.17	19.3	0.0
40	PI/2 BPSK	1	53	18.01	18.11	18.00		
40	PI/2 BPSK	1	104	18.05	18.20	17.99		
40	PI/2 BPSK	50	0	18.14	18.20	18.11	19.3	0.0
40	PI/2 BPSK	50	28	18.04	18.08	18.07	19.3	0.0
40	PI/2 BPSK	50	56	18.06	18.17	18.04	19.3	0.0
40	PI/2 BPSK	100	0	18.11	18.22	18.07		
40	QPSK	1	1	18.03	18.23	18.05	19.3	0.0
40	QPSK	1	53	18.01	18.19	18.02		
40	QPSK	1	104	18.10	18.22	18.16		
40	QPSK	50	0	18.10	18.13	18.01	19.3	0.0
40	QPSK	50	28	18.05	18.20	18.00	19.3	0.0
40	QPSK	50	56	18.19	18.10	18.17	19.3	0.0
40	QPSK	100	0	18.01	18.09	18.07		
40	16QAM	1	1	18.05	18.14	18.00	19.3	0.0
40	64QAM	1	1	18.13	18.20	18.19	19.3	0.0
40	256QAM	1	1	18.15	18.20	18.20	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	17.98	18.10	17.99	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	17.90	18.17	17.91	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.93	18.12	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	17.92	18.10	17.98	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	17.90	18.13	18.00	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	18.16	18.26	18.02	19.3	0.0
100	PI/2 BPSK	1	137	17.88	18.12	18.07		
100	PI/2 BPSK	1	271	17.89	17.92	17.90		
100	PI/2 BPSK	135	0	18.10	18.27	18.03	19.3	0.0
100	PI/2 BPSK	135	69	17.92	18.11	18.07	19.3	0.0
100	PI/2 BPSK	135	138	17.98	17.95	17.90	19.3	0.0
100	PI/2 BPSK	270	0	18.17	18.26	17.99		
100	QPSK	1	1	17.92	18.29	17.98	19.3	0.0
100	QPSK	1	137	17.95	17.91	17.89		
100	QPSK	1	271	18.15	18.24	17.99		
100	QPSK	135	0	17.88	18.12	18.09	19.3	0.0
100	QPSK	135	69	17.96	18.27	17.84	19.3	0.0
100	QPSK	135	138	18.21	18.26	18.04	19.3	0.0
100	QPSK	270	0	17.93	18.13	18.10		
100	16QAM	1	1	17.96	17.97	17.92	19.3	0.0
100	64QAM	1	1	18.13	18.12	18.04	19.3	0.0
100	256QAM	1	1	18.11	18.11	18.10	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	17.79	18.25	17.89	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	17.85	18.20	17.86	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	17.83	18.21	17.86	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	17.87	18.15	17.88	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	17.78	18.25	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	17.83	18.14	17.90	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	17.80	18.16	17.93	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	17.79	18.23	17.86	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	17.82	18.14	17.84	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	17.78	18.13	17.83	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.83	18.16	17.90	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	17.85	18.19	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	17.78	18.15	17.91	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	13.58	13.67	13.58	14.7	0.0
40	PI/2 BPSK	1	108	13.43	13.45	13.37		
40	PI/2 BPSK	1	214	13.48	13.56	13.39		
40	PI/2 BPSK	108	0	13.63	13.61	13.64	14.7	0.0
40	PI/2 BPSK	108	54	13.41	13.44	13.40	14.7	0.0
40	PI/2 BPSK	108	108	13.52	13.50	13.31	14.7	0.0
40	PI/2 BPSK	216	0	13.67	13.69	13.56		
40	QPSK	1	1	13.42	13.86	13.36	14.7	0.0
40	QPSK	1	108	13.52	13.50	13.34		
40	QPSK	1	214	13.59	13.69	13.55		
40	QPSK	108	0	13.43	13.56	13.45	14.7	0.0
40	QPSK	108	54	13.44	13.67	13.41	14.7	0.0
40	QPSK	108	108	13.65	13.60	13.55	14.7	0.0
40	QPSK	216	0	13.46	13.70	13.35		
40	16QAM	1	1	13.42	13.51	13.31	14.7	0.0
40	64QAM	1	1	13.58	13.65	13.63	14.7	0.0
40	256QAM	1	1	13.44	13.54	13.43	14.7	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	13.28	13.81	13.21	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	13.36	13.81	13.29	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	13.34	13.79	13.31	14.7	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	13.30	13.79	13.20	14.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.30	13.80	13.28	14.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.33	13.78	13.27	14.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.26	13.73	13.30	14.7	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.71	14.77	14.73	15.8	0.0
50	PI/2 BPSK	1	135	14.61	14.61	14.45		
50	PI/2 BPSK	1	268	14.46	14.51	14.53		
50	PI/2 BPSK	135	0	14.67	14.71	14.70	15.8	0.0
50	PI/2 BPSK	135	68	14.58	14.64	14.45	15.8	0.0
50	PI/2 BPSK	135	135	14.43	14.51	14.57	15.8	0.0
50	PI/2 BPSK	270	0	14.73	14.79	14.72		
50	QPSK	1	1	14.54	14.81	14.46	15.8	0.0
50	QPSK	1	135	14.48	14.56	14.50		
50	QPSK	1	268	14.66	14.75	14.72		
50	QPSK	135	0	14.60	14.67	14.39	15.8	0.0
50	QPSK	135	68	14.46	14.76	14.57	15.8	0.0
50	QPSK	135	135	14.75	14.71	14.71	15.8	0.0
50	QPSK	270	0	14.52	14.59	14.40		
50	16QAM	1	1	14.50	14.49	14.53	15.8	0.0
50	64QAM	1	1	14.71	14.79	14.72	15.8	0.0
50	256QAM	1	1	14.53	14.66	14.39	15.8	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.41	14.73	14.37	15.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	14.42	14.76	14.35	15.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.43	14.74	14.37	15.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.44	14.75	14.32	15.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.40	14.76	14.39	15.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.41	14.70	14.31	15.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.45	14.71	14.33	15.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.48	14.75	14.38	15.8	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.58	15.69	15.64	17.0	0.0
40	PI/2 BPSK	1	108	15.48	15.65	15.52		
40	PI/2 BPSK	1	214	15.62	15.52	15.36		
40	PI/2 BPSK	108	0	15.68	15.71	15.67	17.0	0.0
40	PI/2 BPSK	108	54	15.49	15.67	15.55	17.0	0.0
40	PI/2 BPSK	108	108	15.62	15.61	15.44	17.0	0.0
40	PI/2 BPSK	216	0	15.63	15.72	15.69		
40	QPSK	1	1	15.51	15.75	15.54	17.0	0.0
40	QPSK	1	108	15.54	15.52	15.40		
40	QPSK	1	214	15.64	15.67	15.61		
40	QPSK	108	0	15.48	15.57	15.60	17.0	0.0
40	QPSK	108	54	15.55	15.70	15.39	17.0	0.0
40	QPSK	108	108	15.67	15.65	15.69	17.0	0.0
40	QPSK	216	0	15.55	15.64	15.61		
40	16QAM	1	1	15.53	15.52	15.48	17.0	0.0
40	64QAM	1	1	15.57	15.46	15.63	17.0	0.0
40	256QAM	1	1	15.49	15.59	15.54	17.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.43	15.61	15.45	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.44	15.64	15.41	17.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.41	15.67	15.44	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.46	15.70	15.47	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.35	15.68	15.47	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.42	15.71	15.40	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.36	15.59	15.44	17.0	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	15.90	16.10	16.00	17.7	0.0
40	PI/2 BPSK	1	53	15.80	15.79	15.84		
40	PI/2 BPSK	1	104	15.90	15.71	15.88		
40	PI/2 BPSK	50	0	15.99	16.04	15.99	17.7	0.0
40	PI/2 BPSK	50	28	15.86	15.86	15.91	17.7	0.0
40	PI/2 BPSK	50	56	15.96	15.76	15.91	17.7	0.0
40	PI/2 BPSK	100	0	15.94	16.05	15.97		
40	QPSK	1	1	15.84	16.21	15.92	17.7	0.0
40	QPSK	1	53	15.80	15.71	15.96		
40	QPSK	1	104	15.89	16.04	15.99		
40	QPSK	50	0	15.89	15.80	15.89	17.7	0.0
40	QPSK	50	28	15.97	16.13	16.06	17.7	0.0
40	QPSK	50	56	15.94	16.12	16.01	17.7	0.0
40	QPSK	100	0	15.86	15.95	15.90		
40	16QAM	1	1	15.80	15.71	16.11	17.7	0.0
40	64QAM	1	1	15.97	16.14	15.93	17.7	0.0
40	256QAM	1	1	15.89	15.82	15.85	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.82	16.17	15.77	17.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.87	16.16	15.76	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.83	16.17	15.79	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.95	16.14	15.86	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.85	16.15	15.82	17.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.30	16.50	16.40	17.7	0.0
100	PI/2 BPSK	1	137	16.25	16.34	16.19		
100	PI/2 BPSK	1	271	16.12	16.29	16.10		
100	PI/2 BPSK	135	0	16.33	16.47	16.39	17.7	0.0
100	PI/2 BPSK	135	69	16.22	16.36	16.21	17.7	0.0
100	PI/2 BPSK	135	138	16.15	16.25	16.03	17.7	0.0
100	PI/2 BPSK	270	0	16.38	16.42	16.45		
100	QPSK	1	1	16.17	16.53	16.13	17.7	0.0
100	QPSK	1	137	16.15	16.26	16.04		
100	QPSK	1	271	16.32	16.48	16.40		
100	QPSK	135	0	16.21	16.37	16.21	17.7	0.0
100	QPSK	135	69	16.21	16.41	16.06	17.7	0.0
100	QPSK	135	138	16.32	16.39	16.37	17.7	0.0
100	QPSK	270	0	16.20	16.32	16.16		
100	16QAM	1	1	16.18	16.22	16.07	17.7	0.0
100	64QAM	1	1	16.35	16.51	16.37	17.7	0.0
100	256QAM	1	1	16.25	16.42	16.19	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.06	16.44	16.01	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.02	16.41	15.97	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.04	16.42	16.09	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.13	16.44	16.00	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.02	16.38	16.07	17.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.02	16.38	16.04	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.13	16.41	16.03	17.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.01	16.39	16.01	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.11	16.44	16.09	17.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.06	16.40	16.02	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.11	16.43	16.00	17.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.04	16.39	16.01	17.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.03	16.44	16.05	17.7	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.90	20.03	19.82	21.2	0.0
40	PI/2 BPSK	1	108	19.66	19.97	19.76		
40	PI/2 BPSK	1	214	19.70	19.90	19.78		
40	PI/2 BPSK	108	0	19.94	19.98	19.81	21.2	0.0
40	PI/2 BPSK	108	54	19.66	19.89	19.71	21.2	0.0
40	PI/2 BPSK	108	108	19.77	19.87	19.82	21.2	0.0
40	PI/2 BPSK	216	0	19.98	19.92	19.88		
40	QPSK	1	1	19.71	20.05	19.74	21.2	0.0
40	QPSK	1	108	19.68	19.89	19.85		
40	QPSK	1	214	19.90	19.96	19.91		
40	QPSK	108	0	19.73	19.89	19.77	21.2	0.0
40	QPSK	108	54	19.73	19.95	19.87	21.2	0.0
40	QPSK	108	108	19.89	19.93	19.89	21.2	0.0
40	QPSK	216	0	19.65	19.94	19.71		
40	16QAM	1	1	19.72	19.93	19.85	21.2	0.0
40	64QAM	1	1	19.68	19.96	19.83	21.2	0.0
40	256QAM	1	1	18.60	18.73	18.65	19.7	1.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.64	19.98	19.63	0.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.64	19.96	19.64	0.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.63	19.90	19.58	21.2	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.65	19.97	19.70	21.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.63	20.00	19.63	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.65	19.92	19.64	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.66	19.90	19.69	21.2	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	20.98	21.10	21.00	22.2	0.0
50	PI/2 BPSK	1	135	20.99	21.02	20.97		
50	PI/2 BPSK	1	268	20.78	20.90	20.71		
50	PI/2 BPSK	135	0	21.08	21.06	20.99	22.2	0.0
50	PI/2 BPSK	135	68	20.99	21.00	20.90	22.2	0.0
50	PI/2 BPSK	135	135	20.76	20.81	20.73	22.2	0.0
50	PI/2 BPSK	270	0	21.04	21.08	20.98		
50	QPSK	1	1	20.99	21.23	20.92	22.2	0.0
50	QPSK	1	135	20.72	20.88	20.64		
50	QPSK	1	268	21.09	21.07	20.96		
50	QPSK	135	0	20.93	21.05	20.95	22.2	0.0
50	QPSK	135	68	20.76	21.14	20.71	22.2	0.0
50	QPSK	135	135	21.06	21.12	20.95	22.2	0.0
50	QPSK	270	0	20.98	21.01	20.94		
50	16QAM	1	1	20.68	20.89	20.63	22.2	0.0
50	64QAM	1	1	20.07	20.18	20.17	21.7	0.5
50	256QAM	1	1	18.75	18.69	18.66	19.7	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.88	21.13	20.79	22.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.90	21.10	20.83	22.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.91	21.14	20.79	22.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.92	21.17	20.77	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.83	21.19	20.87	22.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.95	21.11	20.86	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.90	21.11	20.81	22.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.91	21.11	20.86	22.2	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.12	20.12	19.98	21.5	0.0
40	PI/2 BPSK	1	108	19.80	19.93	19.80		
40	PI/2 BPSK	1	214	19.57	19.87	19.82		
40	PI/2 BPSK	108	0	20.10	20.14	20.06	21.5	0.0
40	PI/2 BPSK	108	54	19.82	19.99	19.83	21.5	0.0
40	PI/2 BPSK	108	108	19.58	19.81	19.85	21.5	0.0
40	PI/2 BPSK	216	0	20.07	20.21	20.01		
40	QPSK	1	1	19.83	20.22	19.83	21.5	0.0
40	QPSK	1	108	19.61	19.79	19.79		
40	QPSK	1	214	20.11	20.14	20.08		
40	QPSK	108	0	19.82	19.95	19.79	21.5	0.0
40	QPSK	108	54	19.61	20.18	19.76	21.5	0.0
40	QPSK	108	108	20.12	20.14	20.04	21.5	0.0
40	QPSK	216	0	19.85	19.96	19.79		
40	16QAM	1	1	19.61	19.86	19.85	21.5	0.0
40	64QAM	1	1	20.07	20.15	20.08	21.5	0.0
40	256QAM	1	1	18.89	18.93	18.92	20.0	1.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.74	20.13	19.76	21.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.76	20.18	19.79	21.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.69	20.14	19.75	21.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.77	20.14	19.76	21.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.77	20.14	19.79	21.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.74	20.16	19.69	21.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.76	20.06	19.75	21.5	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	20.50	20.61	20.47	22.2	0.0
40	PI/2 BPSK	1	53	20.49	20.53	20.36		
40	PI/2 BPSK	1	104	20.57	20.39	20.28		
40	PI/2 BPSK	50	0	20.46	20.63	20.50	22.2	0.0
40	PI/2 BPSK	50	28	20.48	20.46	20.38	22.2	0.0
40	PI/2 BPSK	50	56	20.46	20.42	20.23	22.2	0.0
40	PI/2 BPSK	100	0	20.45	20.53	20.56		
40	QPSK	1	1	20.49	20.65	20.35	22.2	0.0
40	QPSK	1	53	20.21	20.45	20.49		
40	QPSK	1	104	20.52	20.54	20.51		
40	QPSK	50	0	20.49	20.51	20.43	22.2	0.0
40	QPSK	50	28	20.21	20.56	20.24	22.2	0.0
40	QPSK	50	56	20.46	20.54	20.50	22.2	0.0
40	QPSK	100	0	20.50	20.52	20.39		
40	16QAM	1	1	20.40	20.47	20.24	22.2	0.0
40	64QAM	1	1	20.46	20.61	20.48	22.2	0.0
40	256QAM	1	1	18.68	18.79	18.82	20.2	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.41	20.53	20.21	22.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.43	20.54	20.27	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.39	20.60	20.24	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.42	20.50	20.31	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.36	20.56	20.28	22.2	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	20.58	20.73	20.58	22.2	0.0
100	PI/2 BPSK	1	137	20.55	20.55	20.50		
100	PI/2 BPSK	1	271	20.28	20.56	20.37		
100	PI/2 BPSK	135	0	20.60	20.64	20.63	22.2	0.0
100	PI/2 BPSK	135	69	20.56	20.58	20.49	22.2	0.0
100	PI/2 BPSK	135	138	20.37	20.49	20.39	22.2	0.0
100	PI/2 BPSK	270	0	20.57	20.74	20.57		
100	QPSK	1	1	20.64	20.75	20.54	22.2	0.0
100	QPSK	1	137	20.30	20.50	20.32		
100	QPSK	1	271	20.58	20.72	20.56		
100	QPSK	135	0	20.60	20.62	20.46	22.2	0.0
100	QPSK	135	69	20.26	20.74	20.30	22.2	0.0
100	QPSK	135	138	20.60	20.73	20.67	22.2	0.0
100	QPSK	270	0	20.65	20.66	20.56		
100	16QAM	1	1	20.27	20.58	20.32	22.2	0.0
100	64QAM	1	1	20.55	20.67	20.61	22.2	0.0
100	256QAM	1	1	18.70	18.64	18.47	20.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.50	20.66	20.48	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.58	20.63	20.44	22.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.60	20.66	20.42	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.54	20.70	20.46	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.52	20.65	20.41	22.2	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.52	20.65	20.45	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.54	20.63	20.43	22.2	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.50	20.59	20.40	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.53	20.69	20.41	22.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.56	20.62	20.49	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.49	20.63	20.43	22.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.50	20.62	20.48	22.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.60	20.61	20.49	22.2	0.0

n38 Ant9

BW [MHz]	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	12.40	12.47	12.50	14.1	0.0
40	PI/2 BPSK	1	53	12.24	12.43	12.38		
40	PI/2 BPSK	1	104	12.12	12.35	12.33		
40	PI/2 BPSK	50	0	12.45	12.51	12.43	14.1	0.0
40	PI/2 BPSK	50	28	12.20	12.48	12.32	14.1	0.0
40	PI/2 BPSK	50	56	12.14	12.35	12.35	14.1	0.0
40	PI/2 BPSK	100	0	12.48	12.57	12.49		
40	QPSK	1	1	12.22	12.61	12.43	14.1	0.0
40	QPSK	1	53	12.15	12.41	12.33		
40	QPSK	1	104	12.47	12.55	12.46		
40	QPSK	50	0	12.23	12.49	12.35	14.1	0.0
40	QPSK	50	28	12.13	12.54	12.26	14.1	0.0
40	QPSK	50	56	12.37	12.52	12.51	14.1	0.0
40	QPSK	100	0	12.20	12.53	12.41		
40	16QAM	1	1	12.11	12.31	12.34	14.1	0.0
40	64QAM	1	1	12.39	12.45	12.54	14.1	0.0
40	256QAM	1	1	12.27	12.50	12.32	14.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.12	12.53	12.32	14.1	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	12.47	12.53	12.36	14.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.15	12.57	12.36	14.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.48	12.54	12.30	14.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.11	12.51	12.38	14.1	0.0

n41 Ant9

BW [MHz]	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	12.58	12.75	12.66	14.1	0.0
100	PI/2 BPSK	1	137	12.45	12.69	12.62		
100	PI/2 BPSK	1	271	12.29	12.57	12.45		
100	PI/2 BPSK	135	0	12.66	12.75	12.64	14.1	0.0
100	PI/2 BPSK	135	69	12.45	12.66	12.63	14.1	0.0
100	PI/2 BPSK	135	138	12.36	12.56	12.53	14.1	0.0
100	PI/2 BPSK	270	0	12.59	12.71	12.68		
100	QPSK	1	1	12.45	12.78	12.58	14.1	0.0
100	QPSK	1	137	12.31	12.52	12.54		
100	QPSK	1	271	12.62	12.72	12.70		
100	QPSK	135	0	12.43	12.69	12.56	14.1	0.0
100	QPSK	135	69	12.36	12.71	12.47	14.1	0.0
100	QPSK	135	138	12.64	12.70	12.67	14.1	0.0
100	QPSK	270	0	12.43	12.66	12.59		
100	16QAM	1	1	12.36	12.55	12.48	14.1	0.0
100	64QAM	1	1	12.65	12.67	12.65	14.1	0.0
100	256QAM	1	1	12.38	12.71	12.63	14.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.37	12.66	12.46	14.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.35	12.65	12.43	14.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.30	12.65	12.49	14.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.40	12.74	12.50	14.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.40	12.73	12.45	14.1	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	12.32	12.64	12.49	14.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.36	12.70	12.42	14.1	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	12.30	12.68	12.46	14.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.33	12.62	12.48	14.1	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	12.32	12.73	12.45	14.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.40	12.69	12.42	14.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.34	12.73	12.51	14.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.30	12.65	12.48	14.1	0.0

Ant 6				Full Power		Hotspot		Extremity Standalone		Body worn Standalone		Head Standalone		Head&Extremity Simultaneous Body-worn DBS only		Head&Extremity DBS Body-worn Simultaneous		Hotspot DBS		Body-worn DBS		Head&Extremity DBS Only		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.98	23.50	14.01	15.50	20.53	22.00	16.03	17.50	19.94	21.50	14.48	16.00	11.39	13.00	10.95	12.50	8.36	10.00	17.53	19.00	
		6	2437	22.31	23.50	14.35	15.50	20.92	22.00	16.34	17.50	20.36	21.50	14.83	16.00	11.77	13.00	11.33	12.50	8.72	10.00	17.86	19.00	99.31
		11	2462	21.14	22.50	14.22	15.50	20.86	22.00	16.01	17.50	20.21	21.50	14.74	16.00	11.68	13.00	11.19	12.50	8.61	10.00	17.69	19.00	
	802.11g 6Mbps	1	2412	18.15	19.50		15.50	18.15	19.50	16.17	17.50	18.15	19.50		16.00		13.00		12.50		10.00		19.00	
		6	2437	20.68	22.00		15.50	20.68	22.00	16.23	17.50	20.14	21.50		16.00		13.00		12.50		10.00		19.00	97.47
		11	2462	17.62	19.00		15.50	17.62	19.00	16.15	17.50	17.62	19.00		16.00		13.00		12.50		10.00		19.00	
	802.11n-HT20 MCS0	1	2412	16.09	17.50		15.50		17.50		17.50		17.50		16.00		13.00		12.50		10.00		17.50	
		2	2417	19.63	21.00		15.50		21.00		17.50		21.00		16.00		13.00		12.50		10.00		19.00	
		6	2437	20.66	22.00		15.50		22.00		17.50		21.50		16.00		13.00		12.50		10.00		19.00	96.76
		10	2457	18.37	20.00		15.50		20.00		17.50		21.50		16.00		13.00		12.50		10.00		19.00	
		11	2462	16.51	18.00		15.50		18.00		17.50		18.00		16.00		13.00		12.50		10.00		18.00	
	802.11n-HT40 MCS0	3	2422	16.48	18.00	Not Required	15.50		18.00		17.50		18.00		16.00		13.00		12.50	Not Required	10.00	Not Required	18.00	
		6	2437	17.01	18.50		15.50		18.50		17.50		18.50	Not Required	16.00	Not Required	13.00	Not Required	12.50		10.00		18.50	96.77
		9	2452	14.79	16.00		15.50	Not Required	16.00	Not Required	16.00	Not Required	16.00		16.00		13.00		12.50		10.00		16.00	
	802.11ax-HE20 MCS0	1	2412	16.45	18.00		15.50		18.00		17.50		18.00		16.00		13.00		12.50		10.00		18.00	
		2	2417	19.73	21.00		15.50		21.00		17.50		21.00		16.00		13.00		12.50		10.00		19.00	
		6	2437	20.74	22.00		15.50		22.00		17.50		21.50		16.00		13.00		12.50		10.00		19.00	95.89
		10	2457	18.44	20.00		15.50		20.00		17.50		20.00		16.00		13.00		12.50		10.00		19.00	
		11	2462	16.74	18.00		15.50		18.00		17.50		18.00		16.00		13.00		12.50		10.00		18.00	
	802.11ax-HE40 MCS0	3	2422	16.85	18.50		15.50		18.50		17.50		18.50		16.00		13.00		12.50		10.00		18.50	
		6	2437	17.35	19.00		15.50		19.00		17.50		19.00		16.00		13.00		12.50		10.00		19.00	95.89
		9	2452	15.14	16.50		15.50		16.50		16.50		16.50		16.00		13.00		12.50		10.00		16.50	

Ant 5				Full Power		Hotspot		Extremity Standalone		Body worn Standalone Extremity DBS only		Body-worn DBS only		Head Simultaneous		Head DBS		Hotspot DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Head DBS only		Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.66	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		40	5200	16.00	17.50		11.50		17.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	96.97
		44	5220	16.68	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		48	5240	16.97	18.50		11.50	Not Required	18.50	Not Required	16.50	Not Required	15.50		11.00		8.00		8.50	Not Required	13.50		10.50		12.00		9.00	Not Required	13.00	Not Required	14.00	
	802.11n-HT20 MCS0	36	5180	17.03	18.50		11.50		18.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		40	5200	16.47	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	96.76
		44	5220	16.88	18.50		11.50		18.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		48	5240	17.53	19.00	Not Required	11.50		19.00		16.50		15.50	Not Required	11.00	Not Required	8.00	Not Required	8.50		13.50	Not Required	10.50	Not Required	12.00	Not Required	9.00		13.00		14.00	
	802.11n-HT40 MCS0	38	5190	16.26	17.50	15.33	16.50	14.35	15.50						11.00		8.00		8.50	12.26	13.50		10.50		12.00		9.00	11.81	13.00	12.85	14.00	93.67
		46	5230	18.86	20.00		11.50	17.89	19.00	15.39	16.50	14.37	15.50		11.00		8.00		8.50	12.34	13.50		10.50		12.00		9.00	11.85	13.00	12.87	14.00	
	802.11ac-VHT20 MCS0	36	5180	17.07	18.50		11.50		18.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		40	5200	16.54	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	96.79
		44	5220	17.00	18.50		11.50		18.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		48	5240	17.58	19.00		11.50		19.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
	802.11ac-VHT40 MCS0	38	5190	16.38	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		46	5230	18.97	20.00		11.50		19.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	93.75
		46	5230	18.89	20.00		11.50		19.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
	802.11ac-VHT80 MCS0	42	5210	11.34	12.50	10.13	11.50	Not Required	13.00	Not Required	13.00	Not Required	13.00	9.78	11.00	6.72	8.00	7.28	8.50	Not Required	13.00	9.16	10.50	10.81	12.00	7.83	9.00	Not Required	12.50	Not Required	13.00	88.19
	802.11ax-HE20 MCS0	36	5180	17.16	18.50		11.50		18.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		40	5200	16.63	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	95.89
		44	5220	17.12	18.50		11.50		18.50		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		48	5240	17.71	19.00	Not Required	11.50		19.00		16.50		15.50	Not Required	11.00	Not Required	8.00	Not Required	8.50		13.50	Not Required	10.50	Not Required	12.00	Not Required	9.00		13.00		14.00	
	802.11ax-HE40 MCS0	38	5190	16.38	18.00		11.50		18.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	
		46	5230	18.97	20.00		11.50		19.00		16.50		15.50		11.00		8.00		8.50		13.50		10.50		12.00		9.00		13.00		14.00	92.46
	802.11ax-HE80 MCS0	42	5210	11.43	13.00		11.50		13.00		13.00		13.00		11.00		8.00		8.50		13.00		10.50		12.00		9.00		12.50		13.00	86.84

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Ant 5				Full Power		Extremity Standalone		Body worn Standalone Extremity DBS only		Body-worn DBS only		Head Simultaneous		Head DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Head DBS only		Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.16	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	
		56	5280	17.15	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	96.97
		60	5300	16.74	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	
		64	5320	17.34	19.00	Not Required	19.00	Not Required	17.00	Not Required	16.00		11.50		8.50		14.00		11.00		12.50		9.50	Not Required	13.00	Not Required	14.00		
	802.11n-HT20 MCS0	52	5260	17.55	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	
		56	5280	17.52	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	96.77
		60	5300	17.19	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	
		64	5320	17.78	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	
	802.11n-HT40 MCS0	54	5270	17.63	19.00	15.59	17.00	14.67	16.00	Not Required	16.00	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	12.50	Not Required	9.50	11.65	13.00	12.67	14.00		
		62	5310	16.92	18.00	15.88	17.00	14.96	16.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50	11.99	13.00	12.96	14.00	93.67	
	802.11ac-VHT20 MCS0	52	5260	17.60	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		56	5280	17.61	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	96.79	
		60	5300	17.25	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		64	5320	17.83	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11ac-VHT40 MCS0	54	5270	19.09	20.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00	93.75	
		62	5310	16.96	18.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11ac-VHT80 MCS0	58	5290	12.27	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.50		9.50		12.50		13.50	88.19	
	802.11ac-VHT160 MCS0	50	5250	12.38	14.00	Not Required	14.00	Not Required	14.00	Not Required	14.00	10.31	11.50	7.36	8.50	12.38	14.00	9.81	11.00	10.92	12.50	7.89	9.50	Not Required	12.50	Not Required	13.50	92.65	
	802.11ax-HE20 MCS0	52	5260	17.73	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		56	5280	17.72	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		16.00	95.89	
		60	5300	17.34	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		16.00		
		64	5320	17.91	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		16.00		
	802.11ax-HE40 MCS0	54	5270	19.21	20.50		19.00		17.00		16.00	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	12.50	Not Required	9.50		13.00		16.00	92.46	
		62	5310	17.33	18.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		16.00		
	802.11ax-HE80 MCS0	58	5290	12.36	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.50		9.50		12.50		13.50	86.84	
	802.11ax-HE160 MCS0	50	5250	12.44	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.50		9.50		12.50		13.50	92.23	

<5.5GH

Ant 5				Full Power		Extremity Standalone		Body worn Standalone Extremity DBS only		Head Standalone		Head Simultaneous		Head DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Body-worn DBS only		Head DBS only		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.19	19.00		19.00		17.00		14.50		11.50		8.00		14.00		11.00		12.00		9.00		14.00		12.00	
		116	5580	17.61	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		124	5620	17.57	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	96.97
		132	5660	17.54	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		140	5700	17.50	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		144	5720	17.60	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11n-HT20 MCS0	100	5500	17.56	20.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		116	5580	17.49	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		124	5620	17.47	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	96.77
		132	5660	17.44	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		140	5700	17.73	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		144	5720	18.00	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11n-HT40 MCS0	102	5510	18.39	20.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		110	5550	19.40	20.50	Not Required	19.50	Not Required	17.00	Not Required	14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		126	5630	19.33	20.50		19.50		17.00		14.50	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	12.00	Not Required	9.00	Not Required	14.00	Not Required	12.00	93.67
		134	5670	19.17	20.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		142	5710	19.79	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11ac-VHT20 MCS0	100	5500	17.65	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		116	5580	17.58	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		124	5620	17.54	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	96.79
		132	5660	17.52	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		140	5700	17.78	19.00		19.00		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		144	5720	18.08	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11ac-VHT40 MCS0	102	5510	18.43	20.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		110	5550	19.42	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		126	5630	19.40	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	93.75
		134	5670	19.23	20.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		142	5710	19.86	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11ac-VHT80 MCS0	106	5530	12.61	14.00	12.61	14.00	12.61	14.00	12.61	14.00		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		122	5610	17.77	19.00	15.84	17.00	13.31	14.50		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	88.19
		138	5690	19.71	21.00	18.25	19.50	15.87	17.00	13.39	14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	1.37
	802.11ac-VHT160 MCS0	114	5570	13.50	15.00		15.00		15.00		14.00	10.46	11.50	7.51	8.50	12.84	14.00	9.81	11.00	10.74	12.00	7.81	9.00	12.55	14.00	10.55	12.00	92.65	
	802.11ax-HE20 MCS0	100	5500	17.77	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		116	5580	17.70	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		124	5620	17.66	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	95.89
		132	5660	17.64	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		140	5700	17.87	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		144	5720	18.20	20.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11ax-HE40 MCS0	102	5510	18.48	20.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		110	5550	19.56	21.00	Not Required	19.50	Not Required	17.00	Not Required	14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		126	5630	19.54	21.00		19.50		17.00		14.50	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	12.00	Not Required	9.00	Not Required	14.00	Not Required	12.00	92.46
		134	5670	19.30	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		142	5710	19.94	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11ax-HE80 MCS0	106	5530	12.70	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
		122	5610	17.85	19.50		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	86.84
		138	5690	19.85	21.00		19.50		17.00		14.50		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	
	802.11ax-HE160 MCS0	114	5570	13.57	15.00		15.00		15.00		14.00		11.50		8.50		14.00		11.00		12.00		9.00		14.00		12.00	92.23	

| Ant 5 | | | | Full Power | | Hotspot | | Extremity Standalone | | Body worn& Extremity DBS only | | Head&Body-worn Simultaneous | | Head&Body-worn DBS | | Hotspot DBS | | Extremity Simultaneous | | Extremity DBS | | Body-worn DBS only | | Head Standalone

Ant 3			Full Power		Hotspot		Extremity Standalone		Body worn Standalone		Head Standalone		Head&Extremity Simultaneous Body-worn DBS only		Head&Extremity DBS Body-worn Simultaneous		Hotspot DBS		Body-worn DBS		Head&Extremity DBS Only		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.13	23.50	15.11	16.50	21.58	23.00	17.06	18.50	21.17	22.50	15.61	17.00	12.62	14.00	12.09	13.50	9.57	11.00	18.62	20.00	99.31
		6	2437	22.90	24.50	14.95	16.50	21.66	23.00	16.84	18.50	20.93	22.50	15.48	17.00	12.41	14.00	12.15	13.50	9.46	11.00	18.56	20.00	
		11	2462	21.60	23.00	15.01	16.50	21.60	23.00	17.07	18.50	21.01	22.50	15.55	17.00	12.38	14.00	11.93	13.50	9.41	11.00	18.54	20.00	
	802.11g 6Mbps	1	2412	18.24	20.00	Not Required	16.50	18.24	20.00	16.78	18.50	18.24	20.00	Not Required	17.00	Not Required	14.00	Not Required	13.50	Not Required	11.00	Not Required	20.00	96.97
		6	2437	20.88	22.50		16.50	20.88	22.50	16.91	18.50	20.88	22.50		17.00		14.00		13.50		11.00		20.00	
		11	2462	17.98	19.50		16.50	17.98	19.50	16.92	18.50	17.98	19.50		17.00		14.00		13.50		11.00		19.50	
	802.11n-HT20 MCS0	1	2412	15.91	17.50		16.50		17.50		17.50		17.50		17.00		14.00		13.50		11.00		17.50	96.76
		2	2417	19.16	20.50		16.50		20.50		18.50		20.50		17.00		14.00		13.50		11.00		20.00	
		6	2437	20.78	22.00		16.50		22.00		18.50		22.00		17.00		14.00		13.50		11.00		20.00	
		10	2457	18.25	20.00		16.50		20.00		18.50		20.00		17.00		14.00		13.50		11.00		20.00	
		11	2462	16.67	18.00		16.50		18.00		18.00		18.00		17.00		14.00		13.50		11.00		18.00	
	802.11n-HT40 MCS0	3	2422	16.51	18.00		16.50		18.00		18.00		18.00		17.00		14.00		13.50		11.00		18.00	96.77
		6	2437	16.68	18.00		16.50		18.00		18.00		18.00		17.00		14.00		13.50		11.00		18.00	
		9	2452	14.42	16.00		16.50		16.00		16.00		16.00		16.00		14.00		13.50		11.00		16.00	
	802.11ax-HE20 MCS0	1	2412	16.26	18.00		16.50		18.00		18.00		18.00		17.00		14.00		13.50		11.00		18.00	95.89
		2	2417	19.24	21.00		16.50		21.00		18.50		21.00		17.00		14.00		13.50		11.00		20.00	
		6	2437	20.91	22.50		16.50		22.50		18.50		22.50		17.00		14.00		13.50		11.00		20.00	
		10	2457	18.34	20.00		16.50		20.00		18.50		20.00		17.00		14.00		13.50		11.00		20.00	
		11	2462	17.05	18.50		16.50		18.50		18.50		18.50		17.00		14.00		13.50		11.00		18.50	
	802.11ax-HE40 MCS0	3	2422	16.80	18.50		16.50		18.50		18.50		18.50		17.00		14.00		13.50		11.00		18.50	95.89
		6	2437	17.03	18.50		16.50		18.50		18.50		18.50		17.00		14.00		13.50		11.00		18.50	
		9	2452	14.79	16.00		16.50		16.00		16.00		16.00		16.00		14.00		13.50		11.00		16.00	

Ant 4			Full Power		Hotspot Standalone		Extremity Standalone		Body worn Standalone Extremity DBS only		Body-worn DBS only		Head Simultaneous		Head DBS		Hotspot DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Body-worn DBS only		Head DBS only		Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.11	18.50	Not Required	12.00	Not Required	18.50	Not Required	17.00	Not Required	16.00	Not Required	11.50	Not Required	8.50	Not Required	9.00	Not Required	14.00	Not Required	11.00	Not Required	12.50	Not Required	9.50	Not Required	13.00	Not Required	14.00			96.97
		40	5200	16.55	18.00		12.00		18.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		44	5220	16.87	18.50		12.00		18.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		48	5240	17.01	18.50		12.00		18.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
	802.11n-HT20 MCS0	36	5180	17.59	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			96.76
		40	5200	17.09	18.50		12.00		18.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		44	5220	17.22	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		48	5240	17.76	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
	802.11n-HT40 MCS0	38	5190	17.09	18.50		12.00	17.09	18.50	16.07	17.00	15.01	16.00		11.50		8.50		9.00	13.12	14.00		11.00		12.50		9.50	12.06	13.00	13.01	14.00			93.67
		46	5230	19.36	20.50		12.00	18.29	19.50	15.94	17.00	14.89	16.00		11.50		8.50		9.00	12.97	14.00		11.00		12.50		9.50	11.94	13.00	12.89	14.00			
	802.11ac-VHT20 MCS0	36	5180	17.62	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			96.79
		40	5200	17.17	18.50		12.00		18.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		44	5220	17.29	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		48	5240	17.85	19.50		12.00		19.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
	802.11ac-VHT40 MCS0	38	5190	17.15	18.50		12.00		18.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			93.75
		46	5230	19.43	20.50		12.00		19.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
	802.11ac-VHT80 MCS0	42	5210	11.54	13.00	10.76	12.00	Not Required	13.00	Not Required	13.00	Not Required	13.00	10.08	11.50	7.12	8.50	7.64	9.00	Not Required	13.00	9.82	11.00	10.91	12.50	7.93	9.50	Not Required	12.50	Not Required	13.00	88.19	
	802.11ax-HE20 MCS0	36	5180	17.69	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			95.89
		40	5200	17.27	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		44	5220	17.41	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
		48	5240	17.94	19.50		12.00		19.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
	802.11ax-HE40 MCS0	38	5190	17.22	19.00		12.00		19.00		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			92.46
		46	5230	19.56	20.50		12.00		19.50		17.00		16.00		11.50		8.50		9.00		14.00		11.00		12.50		9.50		13.00		14.00			
	802.11ax-HE80 MCS0	42	5210	11.63	13.00		12.00		13.00		13.00		13.00		11.50		8.50		9.00		13.00		11.00		12.50		9.50		12.50		13.00		86.84	
				1.14																													

Ant 4			Full Power		Extremity Standalone		Body worn Standalone Extremity DBS only		Body-worn DBS only		Head Simultaneous		Head DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Head DBS only		Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.14	18.50	Not Required	18.50	Not Required	17.00	Not Required	16.00	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	12.50	Not Required	9.50	Not Required	13.00	Not Required	14.00			96.97
		56	5280	17.09	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		60	5300	16.85	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		64	5320	17.46	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11n-HT20 MCS0	52	5260	17.52	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		96.76
		56	5280	17.52	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		60	5300	17.33	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		64	5320	17.92	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11n-HT40 MCS0	54	5270	19.43	20.50	18.06	19.00	16.01	17.00	14.92	16.00	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	12.50	Not Required	9.50	11.87	13.00	12.92	14.00			93.67
		62	5310	17.20	18.00	17.20	18.00	16.03	17.00	15.06	16.00		11.50		8.50		14.00		11.00		12.50		9.50	12.03	13.00	13.06	14.00			
	802.11ac-VHT20 MCS0	52	5260	17.67	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		96.79
		56	5280	17.61	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		60	5300	17.42	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		64	5320	17.95	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11ac-VHT40 MCS0	54	5270	19.50	20.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		93.75
		62	5310	17.26	18.50		18.50		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11ac-VHT80 MCS0	58	5290	12.38	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.50		9.50		12.50		13.50		88.19	
	802.11ac-VHT160 MCS0	50	5250	12.21	14.00	Not Required	14.00	Not Required	14.00	Not Required	14.00	10.11	11.50	7.03	8.50	12.21	14.00	9.63	11.00	10.78	12.50	7.84	9.50	Not Required	12.50	Not Required	13.50	92.65	
	802.11ax-HE20 MCS0	52	5260	17.77	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		95.89
		56	5280	17.74	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		60	5300	17.52	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
		64	5320	18.03	19.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11ax-HE40 MCS0	54	5270	19.56	20.50		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		92.46
		62	5310	17.36	19.00		19.00		17.00		16.00		11.50		8.50		14.00		11.00		12.50		9.50		13.00		14.00		
	802.11ax-HE80 MCS0	58	5290	12.47	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.50		9.50		12.50		13.50		86.84	
	802.11ax-HE160 MCS0	50	5250	12.29	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		12.50		9.50		12.50		13.50		92.19	

Ant 4			Full Power		Extremity Standalone		Body worn Standalone Extremity DBS only		Head Standalone		Head Simultaneous		Head DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Body-worn DBS only		Head DBS only		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.07	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		96.97
		116	5580	17.02	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		124	5620	17.66	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		132	5660	16.67	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		140	5700	16.45	18.00		18.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		144	5720	16.78	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11n-HT20 MCS0	100	5500	17.56	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		96.77
		116	5580	16.89	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		124	5620	16.69	18.00		18.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		132	5660	16.62	18.00		18.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		140	5700	17.51	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		144	5720	17.20	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11n-HT40 MCS0	102	5510	18.26	20.00	Not Required	19.00	Not Required	16.50	Not Required	14.00	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	11.50	Not Required	9.00	Not Required	14.00	Not Required	12.00		93.67
		110	5550	19.27	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		126	5630	18.73	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		134	5670	18.53	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		142	5710	19.28	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ac-VHT20 MCS0	100	5500	17.63	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		96.79
		116	5580	16.97	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		124	5620	16.77	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		132	5660	16.71	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		140	5700	17.57	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		144	5720	17.28	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ac-VHT40 MCS0	102	5510	18.29	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		93.75
		110	5550	19.33	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		126	5630	18.76	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		134	5670	18.55	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		142	5710	19.32	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ac-VHT80 MCS0	106	5530	12.36	14.00	12.36	14.00	12.36	14.00	12.36	14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		88.19	
		122	5610	17.08	18.50	17.08	18.50	15.11	16.50	12.58	14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		138	5690	19.13	20.50	17.68	19.00	15.18	16.50	12.65	14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ac-VHT160 MCS0	114	5570	13.35	15.00		15.00		15.00		13.50	9.99	11.50	6.92	8.50	12.51	14.00	9.54	11.00	10.45	12.00	7.47	9.00	12.46	14.00	10.46	12.00	92.65	
	802.11ax-HE20 MCS0	100	5500	17.72	19.50		19.00		16.50		16.50		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		95.89
		116	5580	17.09	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		124	5620	16.89	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		132	5660	16.84	18.50		18.50		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		140	5700	17.62	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		144	5720	17.39	19.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ax-HE40 MCS0	102	5510	18.37	20.00	Not Required	19.00	Not Required	16.50	Not Required	14.00	Not Required	11.50	Not Required	8.50	Not Required	14.00	Not Required	11.00	Not Required	11.50	Not Required	9.00	Not Required	14.00	Not Required	12.00		92.46
		110	5550	19.44	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		126	5630	18.84	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		134	5670	18.67	20.00		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		142	5710	19.43	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ax-HE80 MCS0	106	5530	12.45	14.00		14.00		14.00		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		86.84	
		122	5610	17.17	18.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
		138	5690	19.22	20.50		19.00		16.50		14.00		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		
	802.11ax-HE160 MCS0	114	5570	13.44	15.00		15.00		15.00		13.50		11.50		8.50		14.00		11.00		11.50		9.00		14.00		12.00		92.23	

| Ant 4 | | | Full Power | | Hotspot | | Extremity Standalone | | Body worn& Extremity DBS only | | Head&Body-worn Simultaneous | | Head&Body-worn DBS | | Hotspot DBS | | Extremity Simultaneous | | Extremity

Ant 6+3				Full Power		Hotspot		Extremity Standalone		Body worn Standalone		Head Standalone		Head&Extremity Simultaneous Body-worn DBS only		Head&Extremity DBS Body-worn Simultaneous		Hotspot DBS		Body-worn DBS		Head&Extremity DBS Only		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	25.07	26.50	17.61	19.00	24.10	25.50	19.59	21.00	23.61	25.00	18.09	19.50	15.06	16.50	14.57	16.00	12.02	13.50	21.12	22.50	
		6	2437	25.63	27.00	17.67	19.00	24.32	25.50	19.61	21.00	23.66	25.00	18.18	19.50	15.11	16.50	14.77	16.00	12.12	13.50	21.23	22.50	99.31
		11	2462	24.39	26.00	17.64	19.00	24.26	25.50	19.58	21.00	23.64	25.00	18.17	19.50	15.05	16.50	14.59	16.00	12.04	13.50	21.15	22.50	
	802.11g 6Mbps	1	2412	21.21	23.00		19.00	21.21	23.00	19.50	21.00	21.21	23.00		19.50		16.50		16.00		13.50		22.50	
		6	2437	23.79	25.50		19.00	23.79	25.50	19.59	21.00	23.79	25.00		19.50		16.50		16.00		13.50		22.50	97.47
		11	2462	20.81	22.50		19.00	20.81	22.50	19.56	21.00	20.81	22.50		19.50		16.50		16.00		13.50		22.50	
	802.11n-HT20 MCS0	1	2412	19.01	20.50		19.00		20.50		20.50		20.50		19.50		16.50		16.00		13.50		20.50	
		2	2417	22.41	24.00		19.00		24.00		21.00		24.00		19.50		16.50		16.00		13.50		22.50	
		6	2437	23.73	25.00		19.00		25.00		21.00		25.00		19.50		16.50		16.00		13.50		22.50	96.76
		10	2457	21.32	23.00		19.00		23.00		21.00		23.00		19.50		16.50		16.00		13.50		22.50	
		11	2462	19.60	21.00		19.00		21.00		21.00		21.00		19.50		16.50		16.00		13.50		21.00	
	802.11n-HT40 MCS0	3	2422	19.51	21.00	Not Required	19.00	Not Required	21.00	Not Required	21.00	Not Required	21.00	Not Required	19.50	Not Required	16.50	Not Required	16.00	Not Required	13.50	Not Required	21.00	96.77
		6	2437	19.86	21.50		19.00		21.50		20.80		21.50		19.50		16.50		16.00		13.50		21.50	
		9	2452	17.62	19.00		19.00		19.00		19.00		19.00		19.00		16.50		16.00		13.50		19.00	
	802.11ax-HE20 MCS0	1	2412	19.37	21.00		19.00		21.00		21.00		21.00		19.50		16.50		16.00		13.50		21.00	
		2	2417	22.50	24.00		19.00		24.00		21.00		24.00		19.50		16.50		16.00		13.50		22.50	
		6	2437	23.84	25.50		19.00		25.50		21.00		25.00		19.50		16.50		16.00		13.50		22.50	95.89
		10	2457	21.40	23.00		19.00		23.00		21.00		23.00		19.50		16.50		16.00		13.50		22.50	
		11	2462	19.91	21.50		19.00		21.50		21.00		21.50		19.50		16.50		16.00		13.50		21.50	
	802.11ax-HE40 MCS0	3	2422	19.84	21.50		19.00		21.50		21.00		21.50		19.50		16.50		16.00		13.50		21.50	
		6	2437	20.20	22.00		19.00		22.00		21.00		22.00		19.50		16.50		16.00		13.50		22.00	95.89
		9	2452	17.98	19.50		19.00		19.50		19.50		19.50		19.50		16.50		16.00		13.50		19.50	

Ant 5+4				Full Power		Hotspot		Extremity Standalone		Body worn Standalone Extremity DBS only		Body-worn DBS only		Head Simultaneous		Head DBS		Hotspot DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Head DBS only		Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.90	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		40	5200	19.30	21.00		15.00		21.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	96.97
		44	5220	19.79	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		48	5240	20.00	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11n-HT20 MCS0	36	5180	20.33	22.00		15.00		22.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		40	5200	19.80	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	96.76
		44	5220	20.09	22.00		15.00		22.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		48	5240	20.66	22.00	Not Required	15.00	Not Required	22.00	Not Required	20.00	Not Required	19.00	Not Required	14.50	Not Required	11.50	Not Required	12.00	Not Required	17.00	Not Required	14.00	Not Required	15.50	Not Required	12.50	Not Required	16.00	Not Required	17.00	
	802.11n-HT40 MCS0	38	5190	19.71	21.00		15.00	19.71	21.00	18.73	20.00	17.70	19.00		14.50		11.50		12.00	15.72	17.00		14.00		15.50		12.50	14.95	16.00	15.94	17.00	93.67
		46	5230	22.13	23.50		15.00	21.10	22.50	18.68	20.00	17.65	19.00		14.50		11.50		12.00	15.68	17.00		14.00		15.50		12.50	14.91	16.00	15.89	17.00	
	802.11ac-VHT20 MCS0	36	5180	20.37	22.00		15.00		22.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		40	5200	19.88	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	96.79
		44	5220	20.16	22.00		15.00		22.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		48	5240	20.73	22.50		15.00		22.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ac-VHT40 MCS0	38	5190	19.76	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	93.75
		46	5230	22.18	23.50		15.00		23.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ac-VHT80 MCS0	42	5210	14.45	16.00	13.47	15.00	Not Required	16.00	Not Required	16.00	Not Required	16.00	12.94	14.50	9.93	11.50	10.47	12.00	Not Required	16.00	12.51	14.00	13.87	15.50	10.89	12.50	Not Required	15.50	Not Required	16.00	88.19
	802.11ax-HE20 MCS0	36	5180	20.45	22.00		15.00		22.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		40	5200	19.97	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	95.89
		44	5220	20.28	22.00		15.00		22.00		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
		48	5240	20.84	22.50	Not Required	15.00	Not Required	22.50	Not Required	20.00	Not Required	19.00	Not Required	14.50	Not Required	11.50	Not Required	12.00	Not Required	17.00	Not Required	14.00	Not Required	15.50	Not Required	12.50	Not Required	16.00	Not Required	17.00	
	802.11ax-HE40 MCS0	38	5190	19.83	21.50		15.00		21.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	92.46
		46	5230	22.29	23.50		15.00		23.50		20.00		19.00		14.50		11.50		12.00		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ax-HE80 MCS0	42	5210	14.54	16.00		15.00		16.00		16.00		16.00		14.50		11.50		12.00		16.00		14.00		15.50		12.50		15.50		16.00	86.84

Ant 5+4				Full Power		Extremity Standalone		Body worn Standalone Extremity DBS only		Body-worn DBS only		Head Simultaneous		Head DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Head DBS only		Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	20.16	21.50		21.50		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		56	5280	20.13	21.50		21.50		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		60	5300	19.81	21.50		21.50		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	96.97
		64	5320	20.41	22.00	Not Required	22.00	Not Required	20.00	Not Required	19.00		14.50		11.50		17.00		14.00		15.50		12.50	Not Required	16.00	Not Required	17.00	
	802.11n-HT20 MCS0	52	5260	20.60	22.50		22.50		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		56	5280	20.53	22.00		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	96.76
		60	5300	20.27	22.00		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		64	5320	20.86	22.50		22.50		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11n-HT40 MCS0	54	5270	22.27	23.50	20.86	22.00	18.82	20.00	17.81	19.00	Not Required	14.50	Not Required	11.50	Not Required	17.00	Not Required	14.00	Not Required	15.50	Not Required	12.50	14.77	16.00	15.81	17.00	93.67
		62	5310	20.08	21.00	20.08	21.00	18.97	20.00	18.02	19.00		14.50		11.50		17.00		14.00		15.50		12.50	15.02	16.00	16.02	17.00	
	802.11ac-VHT20 MCS0	52	5260	20.65	22.00		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		56	5280	20.62	22.00		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	96.79
		60	5300	20.35	22.00		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		64	5320	20.90	22.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ac-VHT40 MCS0	54	5270	22.31	23.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	93.75
		62	5310	20.12	21.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ac-VHT80 MCS0	58	5290	15.33	17.00		17.00		17.00		17.00		14.50		11.50		17.00		14.00		15.50		12.50		15.50		16.50	88.19
	802.11ac-VHT160 MCS0	50	5250	15.31	17.00	Not Required	17.00	Not Required	17.00	Not Required	17.00	13.22	14.50	10.21	11.50	15.31	17.00	12.73	14.00	13.86	15.50	10.88	12.50	Not Required	15.50	Not Required	16.50	92.65
	802.11ax-HE20 MCS0	52	5260	20.76	22.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		56	5280	20.74	22.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	95.89
		60	5300	20.44	22.00		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
		64	5320	20.98	22.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ax-HE40 MCS0	54	5270	22.41	23.50		22.00		20.00		19.00	Not Required	14.50	Not Required	11.50	Not Required	17.00	Not Required	14.00	Not Required	15.50	Not Required	12.50		16.00		17.00	92.46
		62	5310	20.21	21.50		22.00		20.00		19.00		14.50		11.50		17.00		14.00		15.50		12.50		16.00		17.00	
	802.11ax-HE80 MCS0	58	5290	15.43	17.00		17.00		17.00		17.00		14.50		11.50		17.00		14.00		15.50		12.50		15.50		16.50	86.84
	802.11ax-HE160 MCS0	50	5250	15.38	17.00		17.00		17.00		17.00		14.50		11.50		17.00		14.00		15.50		12.50		15.50		16.50	92.19

Ant 5+4				Full Power		Extremity Standalone		Body worn Standalone Extremity DBS only		Head Standalone		Head Simultaneous		Head DBS		Extremity Simultaneous		Extremity DBS		Body-worn Simultaneous		Body-worn DBS		Body-worn DBS only		Head DBS only		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	20.14	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		116	5580	20.34	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		124	5620	20.63	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		132	5660	20.14	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		140	5700	20.02	21.50		21.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		144	5720	20.22	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11n-HT20 MCS0	100	5500	20.57	22.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		116	5580	20.21	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		124	5620	20.11	21.50		21.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	96.76
		132	5660	20.06	21.50		21.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		140	5700	20.63	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		144	5720	20.63	22.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11n-HT40 MCS0	102	5510	21.34	23.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		110	5550	22.35	23.50	Not Required	22.50	Not Required	20.00	Not Required	17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		126	5630	22.05	23.50		22.50		20.00		17.50	Not Required	14.50	Not Required	11.50	Not Required	17.00	Not Required	14.00	Not Required	15.00	Not Required	12.00	Not Required	17.00	Not Required	15.00	93.67
		134	5670	21.88	23.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		142	5710	22.56	24.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ac-VHT20 MCS0	100	5500	20.65	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		116	5580	20.30	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		124	5620	20.18	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	96.79
		132	5660	20.15	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		140	5700	20.69	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		144	5720	20.71	22.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ac-VHT40 MCS0	102	5510	21.37	23.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		110	5550	22.39	24.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		126	5630	22.10	23.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	93.75
		134	5670	21.83	23.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		142	5710	22.61	24.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ac-VHT80 MCS0	106	5530	15.49	17.00	15.49	17.00	15.49	17.00	15.49	17.00		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		122	5610	20.44	22.00	20.44	22.00	18.50	20.00	15.97	17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	88.19
		138	5690	22.44	24.00	20.98	22.50	18.55	20.00	16.05	17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ac-VHT160 MCS0	114	5570	16.44	18.00		18.00		18.00		17.00	13.24	14.50	10.24	11.50	15.69	17.00	12.69	14.00	13.61	15.00	10.65	12.00	15.52	17.00	14.64	15.00	92.65
	802.11ax-HE20 MCS0	100	5500	20.76	22.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		116	5580	20.42	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		124	5620	20.30	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	95.89
		132	5660	20.27	22.00		22.00		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		140	5700	20.76	22.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		144	5720	20.83	22.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ax-HE40 MCS0	102	5510	21.44	23.00	Not Required	22.50	Not Required	20.00	Not Required	17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		110	5550	22.51	23.80		22.50		20.00		17.50	Not Required	14.50	Not Required	11.50	Not Required	17.00	Not Required	14.00	Not Required	15.00	Not Required	12.00	Not Required	17.00	Not Required	15.00	92.46
		126	5630	22.21	23.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		134	5670	22.01	23.50		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		142	5710	22.70	24.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ax-HE80 MCS0	106	5530	15.59	17.00		17.00		17.00		17.00		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
		122	5610	20.54	22.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	86.84
		138	5690	22.56	24.00		22.50		20.00		17.50		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	
	802.11ax-HE160 MCS0	114	5570	16.52	18.00		18.00		18.00		17.00		14.50		11.50		17.00		14.00		15.00		12.00		17.00		15.00	92.19

Ant 5+4				Full Power		Hotspot		Extremity Standalone		Body worn& Extremity DBS only		Head&Body-worn Simultaneous		Head&Body-worn DBS		Hotspot DBS		Extremity Simultaneous		Extremity DBS		Body-worn DBS only		Head Standalone		Head DBS only		
	Mode	Channel	Frequency (

BT BR/EDR Antifi Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.39	16.40	16.36
	CH 39	2441	16.29	15.20	15.39
	CH 78	2480	17.25	16.17	16.64
Tuning-up Limit			18.00	16.00	16.00

BLE_1M Antifi Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	11.32
	CH 19	2440	11.87
	CH 39	2480	11.32
Tuning-up Limit			13.00

BLE_2M Antifi Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 01	2404	11.76
	CH 19	2440	11.62
	CH 39	2478	11.06
Tuning-up Limit			13.00

BT BR/EDR Antifi Hotspot/Bluetooth

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	13.32	10.47	10.52
	CH 39	2441	14.42	11.09	11.34
	CH 78	2480	12.23	10.76	10.66
Tuning-up Limit			16.00	12.00	12.00